



The following Motions and Documents were considered by the GFC Facilities Development Committee at its February 28, 2013 meeting:

---

Agenda Title: **Department of Medicine General Space Program**

APPROVED MOTION: THAT the GFC Facilities Development Committee approve, under delegated authority from General Faculties Council and on the recommendation of Planning and Project Delivery, the proposed Department of Medicine General Space Program (as set forth in Attachment 2), as the basis for further planning.

Final Item: [4](#)

---

Agenda Title: **Clinical Sciences Building Backfill Project Functional Program**

APPROVED MOTION: THAT the GFC Facilities Development Committee approve, under delegated authority from General Faculties Council and on the recommendation of Planning and Project Delivery, the proposed Clinical Sciences Building Functional Program (as set forth in Attachment 2), excluding specifics related to the siting of this facility, as the basis for further planning.

Final Item: [5](#)

---

**OUTLINE OF ISSUE**

 Agenda Title: **Department of Medicine General Space Program**

**Motion:** THAT the GFC Facilities Development Committee approve, under delegated authority from General Faculties Council and on the recommendation of Planning and Project Delivery, the proposed Department of Medicine General Space Program (as set forth in Attachment 2), as the basis for further planning.

**Item**

|                  |   |
|------------------|---|
| Action Requested | <input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation <input type="checkbox"/> Discussion/Advice <input type="checkbox"/> Information  |
| Proposed by      | Lorna Baker-Perri, Associate Director, Space Planning and Programming, Office of the University Architect   |
| Presenter        | Dennis Kunimoto, Vice-Dean (Faculty Relations), Faculty of Medicine and Dentistry; Peter Milne, RMC Resources Management Consultants; Lorna Baker-Perri, Associate Director, Space Planning and Programming, Office of the University Architect |
| Subject          | Department of Medicine General Space Program  |

**Details**

|   |   |
|---|---|
| Responsibility                                      | Vice-President (Facilities and Operations)  |
| The Purpose of the Proposal is (please be specific) | To approve the General Space Program for the Department of Medicine as the basis for developing future planning for the Department, including the Department's portion of the Functional Program for the Clinical Sciences Building Backfill. |
| The Impact of the Proposal is                       | That it will allow Facilities and Operations to move forward with further planning for the Health Sciences facilities south of 87 Avenue.   |
| Replaces/Revises (eg, policies, resolutions)        | N/A   |
| Timeline/Implementation Date                        | Start date of March, 2013.  |
| Estimated Cost                                      | N/A   |
| Sources of Funding                                  | N/A   |
| Notes   | N/A   |

**Alignment/Compliance**

|  |   |
|--|---|
| Alignment with Guiding Documents   | <i>Dare to Discover</i> ; Academic Plan ( <i>Dare to Deliver</i> ); Long Range Development Plan (LRDP); and University of Alberta Comprehensive Institutional Plan (CIP)  |
| Compliance with Legislation, Policy and/or Procedure Relevant to the Proposal (please quote legislation and include identifying section numbers) | 1. <b>Post-Secondary Learning Act (PSLA):</b> The <i>PSLA</i> gives GFC responsibility, subject to the authority of the Board of Governors, over academic affairs (Section 26(1)) and provides that GFC may make recommendations to the Board of Governors on a building program and related matters (Section 26(1) (o)). Section 18(1) of the <i>PSLA</i> give the Board of Governors the authority to make any bylaws "appropriate for the management, government and control of the university buildings and land." Section 19 of the <i>Act</i> requires that the Board "consider the recommendations of the general faculties council, if any, on matters of academic import prior to providing for (a) the support and maintenance of the university, (b) the betterment of existing buildings, (c) the construction of any new buildings the board considers necessary for the purposes of the university [and] (d) the furnishing and equipping of the existing and newly erected buildings [.] [...]" Section 67(1) of the <i>Act</i> governs the terms under which university land may be leased. |

FINAL Item No. 4

|  |  |
|--|--|
|  | <p><b>2. GFC Facilities Development Committee (FDC) Terms of Reference – Section 3. Mandate of the Committee:</b> “[...]”</p> <p><b>2. Delegation of Authority</b></p> <p>Notwithstanding anything to the contrary in the terms of reference above, the Board of Governors and General Faculties Council have delegated to the Facilities Development Committee the following powers and authority:</p> <p><b>A. Facilities</b></p> <p>1. To approve proposed General Space Programmes (Programs) for academic units.</p> <p>2. (i) To approve proposals concerning the design and use of all new facilities and the repurposing of existing facilities and to routinely report these decisions for information to the Board of Governors.</p> <p>(ii) In considering such proposals, GFC FDC may provide advice, upon request, to the Provost and Vice-President (Academic), Vice-President (Facilities and Operations), and/or the University Architect (or their respective delegates) on the siting of such facilities. (GFC SEP 29 2003)</p> <p><b>B. Other Matters</b></p> <p>The Chair of FDC will bring forward to FDC items where the Office of the Provost and Vice-President (Academic) and/or the Office of the Vice-President (Facilities and Operations), in consultation with other units or officers of the University, is seeking the advice of the Committee.</p> <p>[...]”</p> <p><b>3. UAPPOL Space Management Policy and Space Management Procedure:</b> The respective roles of GFC FDC and the Vice-President (Facilities and Operations) with regard to institutional space management are set out in this Board-approved Policy and attendant Procedure.</p> <p>To access this policy suite on line, go to: <a href="http://www.uappol.ualberta.ca">www.uappol.ualberta.ca</a>.</p> |
|--|--|

**Routing (Include meeting dates)**

|   |   |
|---|---|
| Consultative Route<br>(parties who have seen the proposal and in what capacity) | <p><u>Extensive consultation with:</u></p> <ul style="list-style-type: none"> <li>➤ Department of Medicine – Chair, Assistant Chair, and key administrator;</li> <li>➤ Faculty of Medicine and Dentistry - Facilities Planning and Projects; Office of Research;</li> <li>➤ Faculty of Medicine and Dentistry Oversight Committee involving staff from the Office of the Chair of the Department of Medicine and Faculty staff from Facilities Planning and Projects and the Office of Research as well as the Faculty’s Chief Operating Officer and the Vice-Dean (Faculty Affairs)</li> </ul> |
| Approval Route (Governance)<br>(including meeting dates)                        | GFC Facilities Development Committee – February 28, 2013 (for approval)   |
| Final Approver  | GFC Facilities Development Committee  |

Attachments:

1. Attachment 1 (page 1) – Briefing Note
2. Attachment 2 (pages 1 – 123) – Department of Medicine General Space Program

*Prepared by:* Susan Patterson, Planning Officer, Office of the University Architect, Planning and Project Delivery, Facilities and Operations, [susan.patterson@ualberta.ca](mailto:susan.patterson@ualberta.ca)

## Department of Medicine – General Space Program

### Background

As it is planned that the Department of Medicine will be the majority occupant of the Clinical Sciences Building, the opportunity was taken to initiate a General Space program (GSP) for the entire department; allowing for a total picture of the department towards future planning projects. The General Space Program is being submitted concurrently with the Functional Program as it provides the supported space requirements for Department of Medicine in the Functional Program.

The Department of Medicine is the largest department in the Faculty of Medicine and Dentistry and encompasses more than 800 persons – academic and clinical faculty members, students, residents and fellows; supported by an additional 300 or more health, technical and support staff. It is comprised of 13 divisions plus an administrative services core.

Although many of the Department of Medicine staff also provides a clinical service to the Alberta Health Services, the General Space Program only examines the academic side of the department, including research, and the associated space requirements. Consequently, the General Space Program does not identify the space related to the Alberta Health Services clinics that the Department of Medicine physicians occupy.

### Program Overview

The information contained in this General Space Program is based on data obtained from the Faculty of Medicine and Dentistry, the Department of Medicine, the Office of the University Architect and the University's space inventory (CAFM). Future requirements are based on a five year projection i.e. to 2017/2018 as well as on the Faculty's and the department's best understandings of academic plans and budget expectations.

The space allocations that are consistently applied in this General Space Program are based on the Office of the University Architect Space Management Manual Guidelines and the Faculty of Medicine and Dentistry Space Policy. There was extensive consultation with the Department of Medicine and the Faculty of Medicine and Dentistry to develop the supporting data for the program in the form of detailed space tables for each division.

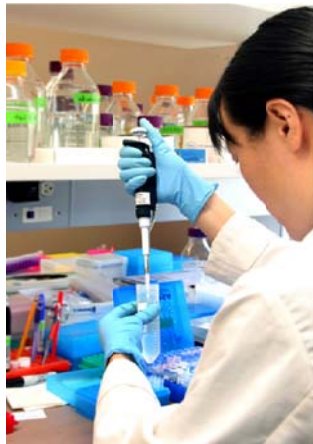
Given the focus of the General Space Program and the fact that the Clinical Sciences Building cannot physically support additional wet lab space, wet lab research space for the Department of Medicine has only been recorded in its existing footprint for this General Space Program. Any detailed programming for the wet labs occupied by the Department of Medicine is intended to be a separate exercise. Also of note, wet lab space for the Faculty of Medicine and Dentistry is not specifically assigned to a department or division; but is managed at the Faculty level towards research groups that may be comprised of more than one department and/or division.

### Recommendation

THAT the GFC Facilities Development Committee approve, under delegated authority from General Faculties Council and on the recommendation of Planning and Project Delivery, the proposed Department of Medicine – General Space Program (as set forth in Attachment 2) as the basis for further planning.

# Department of Medicine General Space Program

February, 2013





Office of the Dean  
2J2.00 WMC  
University of Alberta  
Edmonton · Alberta T6G 2R7  
Telephone: (780) 492-6621  
Fax: (780) 492-7303  
[www.med.ualberta.ca](http://www.med.ualberta.ca)

January 22, 2013

Dr. Colleen Skidmore  
Vice-Provost & Associate Vice-President (Academic)  
2-36 South Academic Building  
University of Alberta

Dear Dr. Skidmore,

**Re: CSB Space Program**

I am pleased to present, with my full support, the Department of Medicine General Space Program and also the Clinical Sciences Building (CSB) Functional Space Program for the Faculty of Medicine & Dentistry (FOMD).

We believe the FOMD exemplifies the University's exceptional academic and service environment with its entrusted mission to bring new knowledge and treatments from science and medicine into the community for the benefit of patients, families, and society as a whole. Indeed, our stated core purpose as a Faculty is "to promote health through innovative leadership in research, education and service", the accent being on innovation and leadership in each of these areas. We are dedicated to advancing health through teaching, research and patient care in accordance with the highest international standards. We work with our partners in education, research and health care for the greater good of the community.

Established in 1913, our faculty is home to 20 departments, six faculty divisions, and dozens of research groups, 15 centres and institutes. Discovery is our hallmark, from the way we teach to the accomplishments taking place in our labs.

Our education programs are diverse with 1092 student in six undergraduate degree programs and three diploma/certificate programs; 874 residents in 52 medical residency programs and 597 students in 17 PhD programs and 13 Masters programs. Our undergraduate MD program is consistently in the top rank of the 17 Canadian faculties of medicine and has been ranked number one for the past two years. We have award winning teachers with two professors have received Canada's top teaching prize for university professors – the 3M Teaching Award. Seven professors have received the University's top teaching award: the Rutherford Award for Undergraduate Teaching.

The Faculty of Medicine & Dentistry has cultivated a unique and collaborative relationship with Alberta Health Services and Alberta Innovates – Health Solutions. These partnerships have created a rich environment for education and research. Our students learn in an atmosphere of continual discovery, and witness and participate as secrets of disease are unlocked.



We have renowned researchers in our faculty who are exploring every aspect of health and disease – from evidence-based cardiology to pediatric pathology to changing public policy. Many are dedicated to closing the gap between bench and bedside – translating what researchers know in the lab into new treatments or better clinical practice.

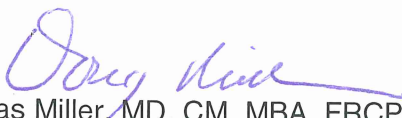
Today, the Faculty of Medicine & Dentistry at the University of Alberta is known around the world as the home of the Edmonton Protocol, the groundbreaking islet transplant procedure for the treatment of Type 1 diabetes. Our researchers are continuing their work on finding a cure for diabetes by increasing understanding of the islet cells that produce insulin. In addition, members of our faculty are leaders in several other areas, including obesity, virology, cardiology, motor control and rehabilitation, protein structure and function, and transplantation. Many of our research groups are recognized globally. In 2010-11, the Faculty of Medicine & Dentistry generated \$197 million in research dollars, about 40 per cent of the university's total.

We have experienced unprecedented growth in capacity over the past 6 years, from 601 full-time, 1,458 part-time faculty members in 2006 to 643 full-time and 1,688 part-time faculty members currently. We employ 2027 administrative, clinical & research staff. With success and expansion comes a need for space. The faculty is spread across 27 buildings on or near the University of Alberta main campus, plus clinical teaching/learning sites throughout metro Edmonton and parts of northern Alberta.

The Edmonton Clinic Health Academy (ECHA) and Edmonton Clinic were originally planned to provide much needed space for the Faculty of Medicine and Dentistry. With changes in funding, plans and decreased finished space, the amount of space available to the FOMD is much less than anticipated. The ECHA originally was going to house the Department of Medicine, our largest department. When it became obvious that the shrinking space allocated was not adequate, an alternate plan of housing the Department of Pediatrics in ECHA and consolidating the Department of Medicine in the Clinical CSB after most of the occupants of CSB moved to ECHA. ECS funding wasn't adequate to fully finish the interior and 3 floors remain shelled. A decision by AHS to have very few offices in ECS and allocate those to clinical support staff has meant that ECS did not relieve the space pressures of FOMD. AHS has also decided that space in Walter Mackenzie Center (WMC) will be repatriated to clinical service delivery. As a result the Department of Anesthesia, Divisions of the Department of Medicine and the division of Critical Care Medicine must move out of the WMC. We believe the best solution is to move these groups into CSB while accommodating some groups that remain in CSB. Forecasted growth in the Department of Medicine, Critical Care Medicine, Anesthesia and Lab Med Pathology is to be accommodated in CSB

Peter Miln, Programming Consultant with RMC worked closely with the Office of the University Architects, the departments and the FOMD to develop the GSP and Functional Program. If you have any questions please feel free to contact me or Dennis Kunimoto, Vice-Dean Faculty Affairs

Sincerely,



D. Douglas Miller, MD, CM, MBA, FRCPC  
Dean, Faculty of Medicine & Dentistry  
University of Alberta

| <b>TABLE OF CONTENTS</b>                                     |   | <u>PAGE NO.</u> |
|--|---|-----------------|
| Letter from the FoMD   |   |                 |
| List of Main Contributors                                    |   | ii              |
| Description of a General Space Program                       |   | iii             |
| <b>1.0</b>   | <b>EXECUTIVE SUMMARY . . . . .</b>                        | <b>1</b>        |
| <b>2.0</b>   | <b>INTRODUCTION . . . . .</b>                             | <b>3</b>        |
| 2.1  | Acknowledgments . . . . .                                 | 3               |
| 2.2  | Purpose and Scope . . . . .                               | 3               |
| 2.3  | FoMD Recommended Space Guideline Allocations . . . . .    | 4               |
| 2.4  | FoMD Planning Codes . . . . .                             | 4               |
| 2.5  | GSP Space Tables . . . . .                                | 5               |
| <b>3.0</b>   | <b>DEPARTMENT OF MEDICINE OVERVIEW . . . . .</b>          | <b>6</b>        |
| 3.1  | Overview . . . . .  | 6               |
| 3.2  | DoM Divisions . . . . .                                   | 7               |
| 3.3  | Definitions . . . . .                                     | 7               |
| <b>4.0</b>   | <b>DEPARTMENT OF MEDICINE CURRENT LOCATIONS . . . . .</b> | <b>9</b>        |
| 4.1  | Overview of Current Facilities . . . . .                  | 9               |
| 4.2  | Existing Locations on Campus . . . . .                    | 10              |
| <b>5.0</b>   | <b>DEPARTMENT OF MEDICINE DIVISIONAL GSP'S . . . . .</b>  | <b>11</b>       |
| 5.1  | Administrative Services . . . . .                         | 11              |
| 5.2  | Division of Cardiology . . . . .                          | 13              |
| 5.3  | Division of Dermatology . . . . .                         | 17              |
| 5.4  | Division of Endocrinology . . . . .                       | 19              |
| 5.5  | Division of Gastroenterology . . . . .                    | 22              |
| 5.6  | Division of General Internal Medicine . . . . .           | 25              |
| 5.7  | Division of Geriatric Medicine . . . . .                  | 28              |
| 5.8  | Division of Hematology . . . . .                          | 30              |
| 5.9  | Division of Infectious Diseases . . . . .                 | 32              |
| 5.10   | Division of Nephrology . . . . .                          | 35              |
| 5.11   | Division of Neurology . . . . .                           | 38              |
| 5.12   | Division of Preventive Medicine . . . . .                 | 41              |
| 5.13   | Division of Pulmonary Medicine . . . . .                  | 43              |
| 5.14   | Division of Rheumatology . . . . .                        | 46              |
| <b>6.0</b>   | <b>GSP SPACE SUMMARY . . . . .</b>                        | <b>48</b>       |
| <b>7.0</b>   | <b>GSP RECOMMENDATION . . . . .</b>                       | <b>51</b>       |
| <b>APPENDICES</b>  |   |                 |
| Appendix A: FoMD Planning Codes                              |   | A-1             |
| Appendix B: Detailed DoM GSP Space Tables, all DoM divisions |   | B-1             |
| Appendix C: FoMD Recommended Space Allocations               |   | C-1             |
| Appendix D: List of Acronyms                                 |   | D-1             |

## List of Main Contributors

### Faculty of Medicine and Dentistry (FoMD)

Dr. Dennis Kunimoto, Vice Dean, Faculty Affairs, FoMD  
Vivien Wulff, Chief Operating Officer, FoMD  
Lynne MacGillivray, Director, Facilities Planning & Projects, FoMD  
Mark Taylor, Director of Research, Office of Research, FoMD  
Johanna Wienert, Space Management Advisor, FoMD

### FoMD Department of Medicine (DoM)

Dr. Barbara Ballermann, Chair, DoM  
Barbara Hiscock, Assistant Chair, DoM  
Tim Bulger, Project Manager, DoM

### Facilities and Operations

Lorna Baker Perri, Associate Director, Planning, OUA  
Susan Patterson, Planning Officer, OUA

### Programming Consultants

Peter Milne, Programming Consultant, RMC  
Barbara Shipman, Programming Consultant, Barbara Shipman Architect Ltd.

## What is a General Space Program

A General Space Program (GSP) describes and quantifies the activities of the particular faculty, department, division or unit (it can be all of these combined) and the student, staffing and support requirements to properly carry out these activities. University Space Guidelines are used to develop the overall net assignable space that might be required.

The Office of the University Architect (OUA) applies space standards and guidelines to the supported needs of the Faculty to ensure that the space requirements are reasonable, fair and a proper utilization of available resources.

The General Space Program typically identifies space requirements for an entire Faculty and feeds into Functional Programs for building projects and may only utilize a sub-set of the Faculty's full General Space Program. The conditions change and the program developed will be tailored to the requirements of the client group.

## How is the General Space Program used by the Office of the University Architect and the University?

Planning of facilities at the University begins with a General Space Program. This information is considered by the OUA when developing space plans either for the repurposing of space, allocation of space within the University inventory and/or the development of Business Cases for new buildings. The planning exercise is completed within the context of assessing the overall needs of the University as outlined in the Comprehensive Institutional Plan (CIP) to ensure efficient and effective stewardship and accountability of its land and utilization of space.

Once a need has been identified, a Functional Program may be initiated to better define a project scope, assess capacity, assess the space utilization and identify opportunities for repurposing or backfilling space prior to the need for a new building.

The Functional Program, unlike the General Space Program, is specific to the development of conceptual solutions for identified and supported space needs. It studies functional adjacencies, traffic flow, and fit of function to the building in greater detail. The Functional Program does not necessarily have to incorporate the entire program as defined within the GSP. Due to budget, timing and other external influences, there may be a need to have multiple functional programs to accommodate the full vision of the Faculty's needs.

## 1.0 EXECUTIVE SUMMARY

The Department of Medicine is a recognized leader in the undergraduate, graduate, and postgraduate medical education, in world-class medical research, and (in partnership with Alberta Health Services) in providing outstanding specialized care to Albertans. The Department of Medicine has a very energetic research community bringing in over \$40,000,000 in research funding each year.

It is the largest department in the Faculty of Medicine and Dentistry and among the largest at the University of Alberta. More than 800 academic and clinical faculty, students, residents and fellows, supported by an additional 300 or more health, technical and support staff, help achieve the Department's goal of improving health and health care locally and globally. The Department of Medicine is comprised of 13 divisions representing medical specialties that prevent, diagnose, and treat adult diseases.

Presently, the divisions and facilities of the Department of Medicine are distributed among 13 different buildings on the University's North Campus, with some programs housed in Alberta Health Services buildings. An important consideration in understanding the Department of Medicine's space needs is the strong day-to-day functional relationship between its teaching and research activities and the clinical services it provides at the University of Alberta Hospital - Walter C. Mackenzie Health Sciences Centre.

The primary purpose of this Department of Medicine GSP is to identify the current and projected academic space requirements of the department as a basis for developing future accommodation plans.

Although existing wet lab research space is identified in the GSP it does not form part of the GSP space allocations for the Department of Medicine as this space is managed at the Faculty level and is not necessarily specific to a division or department.

The GSP is the appropriate foundation planning document for the Department of Medicine to develop a Functional Program for the Clinical Sciences Building backfill.

The Department of Medicine GSP is based on data obtained from the Faculty of Medicine and Dentistry, Department of Medicine administration and divisions, the Office of the University Architect, and the University's space inventory. Future projections are based on the Faculty of Medicine and Dentistry and Department of Medicine's best understandings of academic plans and budget expectations, including anticipated growth in research activities in accordance with the University's Comprehensive Institutional Plan.

The GSP identifies growth in the Department of Medicine's full time faculty, from its current complement of 210 to a projected total of 284. The overall number of persons in the department is estimated to grow to approximately 1,250, recognizing the relative uncertainty in projecting numbers of research and clinical trials staff that are so dependent upon the approval of research funding applications and grants from numerous sources.



1.0 EXECUTIVE SUMMARY

According to the GSP, the Department of Medicine presently has 7,305 existing net assignable square metres across its 13 divisions and administrative services. It comprises dry lab research space and academic offices and related space. Of importance to note, however, is that the inventory of its current area includes portions of space that are not normally considered net assignable area, such as internal circulation.

The GSP calculates that its current space guideline allocation is 6,933 net assignable square metres, and that its projected space guideline allocation for 2017/18 is 8,127 net assignable square metres, i.e. an 11.3% increase over its current area of 7,305 net assignable square metres.

In addition, the Department of Medicine currently utilizes approximately 5,700 net assignable square metres of FoMD wet lab research space and 290 net assignable square metres of FoMD dry lab research space.

## 2.0 INTRODUCTION

### 2.1 ACKNOWLEDGEMENTS

The Department of Medicine (DoM) General Space Program was a collaborative effort that was developed through consultation with DoM and Faculty of Medicine and Dentistry (FoMD) representatives from March to December 2012. It is important to acknowledge the time and effort of all involved, which included an extensive process of verification of current and projected data on faculty, staff and space.

### 2.2 PURPOSE AND SCOPE

The primary end purpose of the GSP is to identify the current and projected *academic* space requirements of the FoMD Department of Medicine. To this end it:

- Outlines the DoM divisions' education and research programs as well as their involvement in clinical programs, with particular emphasis on the number of faculty, staff, graduate students and trainees.
- Identifies current space locations and allocations by type/function and their intended future locations.
- Identifies future space requirements.

The DoM GSP was developed to provide the necessary context to the CSB Backfill Project and its Functional Program. An outcome planning decision of the Edmonton Clinic Health Academy (ECHA) project was the University's commitment to utilize a portion of the vacated CSB to enable the consolidation of most of the divisions of the DoM. One of the critical drivers of the CSB Backfill Project is the need for the DoM and FoMD to vacate space within the University of Alberta Hospital - Walter C. Mackenzie Health Sciences Centre (UAH-WMC) that is currently being used to house academic offices and the like. Alberta Health Services (AHS) requires this space to accommodate clinical functions that are relocating (e.g. out of the CSB), are expanding, and/or were not accommodated in the Kaye Edmonton Clinic, e.g. the Stollery Clinics.

In order to develop a Functional Program for the CSB Backfill and accurately identify the DoM's space requirements in the CSB, it was determined that a GSP was required as the appropriate foundation planning document for the DoM. The GSP encompasses the entire DoM.

The information contained in this GSP is based on data obtained from the FoMD, DoM administration and divisions, the OUA, and the University's Space Inventory (CAFM). Future projections are based on the FoMD and DoM's best understandings of academic plans and budget expectations, including anticipated growth in research activities in accordance with the University's Comprehensive Institutional Plan.

The development of this DoM GSP is based on the following key parameters.

- Although we are not programming complete space requirements for the wet lab research facilities used by the DoM, their existing wet lab space has been identified to allow for a general overall picture of the department. ***Note: the assessment of the condition and adequacy of these wet lab facilities, together with the projection of potential changes in their future space requirements, will require a separate study.***

- Future space requirements are based on five year projections, i.e. to 2017/18.
- The GSP does not identify clinical space requirements, which are typically the responsibility of AHS to provide on the UAH-WMC site.
- Given that the decision has already been made to relocate the DoM divisions into the CSB, a condition assessment of the existing space was not conducted.

### 2.3 FoMD RECOMMENDED SPACE GUIDELINE ALLOCATIONS

The space allocations that are consistently applied in this GSP are based on the OUA Space Management Manual Guidelines and the FoMD Recommended Space Allocations. The FoMD Recommended Space Allocations document, provided in Appendix C, is an outgrowth of the FoMD's Space Policy (November, 2011), which is supported by the OUA.

Because of the nature of the FoMD and DoM teaching and research activities, there are some key principles related to how the OUA and the FoMD allocate space, i.e.:

- The DoM has a significant number of part time physicians that are important to meeting the day-to-day teaching needs yet may not be university-funded positions. The FoMD's policy is to provide shared touch down workstations for positions such as these. In part, this reflects the strong day-to-day functional relationship between the FoMD teaching and research activities and the clinical services it provides at the UAH-WMC.
- The FoMD's overall position has been that it is the responsibility of AHS to provide the space for clinical patient activities, not the University. Furthermore, the GSP does not identify the space associated with the DoM clinics that are run by the AHS.
- Some members of DoM research teams are AHS-funded positions, primarily for professional and liability reasons, e.g. registered nurses. To enable research, it is the FoMD's position that as long as the staff are part of a U of A / FoMD Principal Investigator's research team they should be provided a space allocation. However, those whose work represents essentially 100% AHS-funded activity are not provided a space allocation.
- The FoMD's policy is that FoMD clinical trials teams should be provided a space allocation for their 'desk-based' research activities, e.g. computational work, data entry, report writing, etc. It is essentially the same as dry lab research and therefore should be supported as part of research.
- The FoMD has requested space for some research activities that involve human subjects who are not formally considered patients or are considered to be at risk. Human subjects research and clinical research are normal, integral components of university-based academic medicine. For example, there is space in Li Ka Shing (LKS) building that is part of the Alberta Diabetes Institute (ADI) that accommodates human subjects research.

### 2.4 FoMD PLANNING CODES

In concert with the space guideline allocations, the FoMD has developed a set of FoMD planning codes that support facility programming and space allocation as well as other planning activities in the FoMD. Used for the first time on this project, the FoMD planning codes connect space allocations to HR data and FoMD staffing classifications and roles of people. The FoMD planning codes are presented in Appendix A.



## 2.5 GSP SPACE TABLES

As noted previously, a primary purpose of the GSP is to identify the current and projected space requirements of the Department of Medicine, based on the most up to date information that is available. To this end, the detailed GSP space tables provided in Appendix B form the critical foundation for this entire document. The tables serve as an inventory of the faculty, staff and researchers in the Department of Medicine, together with the space they occupy and utilize. The tables relate projected space needs to both the DoM's current space assignments as well as to its five year growth plans.

A key intent of the GSP space tables is to capture all of the current DoM faculty/staff and space, regardless of their location and whether or not they are assigned a space allocation. For example, there are DoM faculty and staff that are located on other hospital sites such as the RAH that are identified in the GSP but have no space allocation on the university campus.

In the case of each wet lab and dry lab research space, the tables identify the Principal Investigator (PI) and his/her research team members and the spaces associated with that research group.

Extensive time has been spent compiling these tables from available University, FoMD and DoM HR data as well as the University's building information data such as CAFM. The GSP space tables have been reviewed and signed off by each DoM division, the DoM Chair, the FoMD and Facilities & Operations.

## **3.0 DEPARTMENT OF MEDICINE OVERVIEW**

### **3.1 OVERVIEW**

#### **Introduction**

The University of Alberta's Department of Medicine is a recognized leader in innovative education, world-class research and outstanding patient care.

The Department is the largest department in the Faculty of Medicine and Dentistry (FoMD) and among the largest at the University of Alberta. More than 800 academic and clinical faculty, students, residents and fellows help achieve the Department's goal of improving health and health care locally and globally. These efforts are supported by more than 300 health, technical and support staff.

The Department of Medicine is comprised of the medical specialties that prevent, diagnose, and treat adult diseases. Each specialty division is administered independently with accountability to the Chair of the Department of Medicine. Collectively the Department of Medicine is a leader in the undergraduate, graduate, and postgraduate medical education, leads medical research, and (in partnership with Alberta Health Services) provides specialized clinical care to Albertans.

To aid the planning of current and future space requirements the GSP document provides an overview of the activities of the Department of Medicine focusing on the Education, Research, and Clinical activities of each Division. Following is a Department-wide overview.

#### **Education**

The Department provides a rich mix of clinical practice, apprenticeship, skill acquisition, and formal study, with exposure to tertiary care and the opportunity to integrate clinical and basic science aspects of medicine. Department of Medicine members contribute substantially to undergraduate medical education through course/curriculum design and coordination, facilitated small group teaching and lecturers. In addition, residents, medical students and clinical staff interact with affiliated Edmonton teaching hospitals in rotations designed to provide mandatory and elective educational experiences. From these, experience is gained from a host of ambulatory and in-hospital patients, cared for in diverse locations spanning the spectrum from smaller communities to busy community hospitals.

#### **Research**

The Department of Medicine has a very energetic research community bringing in over \$40,000,000 in research funding each year. The Department is active and productive in many areas of medical research including disease mechanisms, new treatments and clinical trials of treatment. The Department of Medicine graduate studies program with approximately 60 non-M.D. graduate students and approximately 30 postdoctoral fellows is an integral component of the research effort. Members of the Department and their students regularly present their findings at local, national, and international meetings and publish in peer-reviewed and international publications.

#### **Clinical Care**

The physicians in the Department constitute the major tertiary care referral centre for the, approximately, 1.5 million people who live in northern Alberta. Medical services are delivered mainly

within the Edmonton Zone but also to the rest of northern Alberta, the Northwest Territories, and northeastern British Columbia. Outreach clinics in various subspecialties of Medicine are held in places such as Red Deer, Grande Prairie and Fort McMurray.

### 3.2 DoM DIVISIONS

The Department of Medicine includes Administrative Services and the following 13 divisions:

- Division of Cardiology
- Division of Dermatology
- Division of Endocrinology
- Division of Gastroenterology
- Division of General Internal Medicine
- Division of Geriatric Medicine
- Division of Hematology
- Division of Infectious Diseases
- Division of Nephrology
- Division of Neurology
- Division of Preventive Medicine
- Division of Pulmonary Medicine
- Division of Rheumatology

Specific information on each division and Administrative Services is presented in Chapter 5 of this GSP.

### 3.3 DEFINITIONS

The following definitions provided by the Department of Medicine are helpful in understanding the information provided in this GSP.

**AARP** - Academic Alternate Relationship Plans (AARPs) is an alternative funding plan that compensates physicians on a contractual instead of a fee-for-service basis. AARP is a collaborative agreement involving The University of Alberta, Alberta Health Services, the Alberta Medical Association and Alberta Health. The introduction of this alternative funding plan significantly enhances the ability of the Department of Medicine to recruit physicians, eases clinical volumes, improves patient access to specialist services and helps the department fulfill its teaching and research missions.

**Clinical Trials** - Clinical trials are sets of tests in medical research and drug development that generate safety and efficacy data. Trials are conducted only after satisfactory information has been gathered on the quality of the non-clinical safety, and health authority/ethics committee approval is granted. Depending on the type of product and the stage of its development, investigators initially enroll volunteers and/or patients into small pilot studies, and subsequently conduct larger scale studies in patients that often compare the new product with others already approved for the affliction of interest. Clinical trials are often quite large taking place simultaneously in a number of different locations or countries.

**Fellowship** - A post-M.D. trainee is registered with the Postgraduate Medical Education (PGME) Office of the FoMD and is pursuing supervised clinical and/or research training which is not creditable towards fulfilling certification eligibility requirements of existing residency programs.

- Clinical Fellow - primary duties relate to supervised clinical care.
- Clinical Research Fellow - primary duties relate to defined clinical research under direction of a designated supervisor.
- Research Fellow - primary activity is to conduct a defined basic research project with a designated supervisor in which there is a minor degree of clinical activity or interpretation by the Fellow.
- Teaching Fellow - primary duty is teaching.

**Human Subjects Research** - entails systematic investigation that involves the use of human subjects in any capacity. Examples include analysis of biological specimens, behavioural studies and analysis of medical chart information. Human Subjects Research follows established research ethics processes.

**Postdoctoral Fellow (PDF)** - Individuals who are appointed as research trainees within five years from the completion of a doctoral degree or 10 years from the completion of a MD.

**Resident** - Following four years of undergraduate medical education, students continue postgraduate training for five years concentrating on a particular specialty area. For the first three years all DoM residents, regardless of the specialty they are going into, are in the same Core Internal Medicine Program. This three-year program serves as a foundation for entering into a number of specialty training programs.

## 4.0 DEPARTMENT OF MEDICINE CURRENT LOCATIONS

### 4.1 OVERVIEW OF CURRENT FACILITIES

The divisions and facilities of the Department of Medicine are currently distributed among 13 different buildings on the University of Alberta North Campus, which includes the UAH-WMC site. Note, that in addition to the 13 identified buildings, there are three faculty/staff members of the department that are based in Kaye Edmonton Clinic (1) and Canadian Blood Services (2).

**Table 4.1-1 - Department of Medicine Current Locations**

| DoM Division                          | Aberhart Centre | Brain & Aging Research Building | Clinical Sciences Building | College Plaza | Heritage Medical Research Centre | Katz Group Centre for Pharmacy & Health Research | Li Ka Shing Centre for Pharmacy & Research Innovation | Medical Sciences Building | Outpatient Residence | Research Transition Facility | University Hospital - WMC & MAHI | Zedler Ledor Centre |
|---------------------------------------|-----------------|---------------------------------|----------------------------|---------------|----------------------------------|--|---|---------------------------|----------------------|------------------------------|----------------------------------|---------------------|
| Administrative Services               |                 | ●                               |                            |               |                                  |  |   |                           |                      | ●                            |                                  |                     |
| Division of Cardiology                |                 | ●                               | ●                          | ●             |                                  | ●  |   | ●                         | ●                    | ●                            |                                  |                     |
| Division of Dermatology               |                 | ●                               |                            |               |                                  | ●  |   |                           |                      |                              |                                  |                     |
| Division of Endocrinology             |                 |                                 | ●                          | ●             |                                  | ●  |   |                           | ●                    |                              | ●                                |                     |
| Division of Gastroenterology          |                 |                                 |                            |               | ●                                |  |   |                           |                      |                              |                                  | ●                   |
| Division of General Internal Medicine |                 |                                 | ●                          |               | ●                                | ●  |   |                           | ●                    | ●                            |                                  |                     |
| Division of Geriatric Medicine        |                 | ●                               |                            |               |                                  |  |   |                           |                      |                              |                                  |                     |
| Division of Hematology                |                 | ●                               |                            |               |                                  | ●  | ●   |                           |                      | ●                            |                                  |                     |
| Division of Infectious Diseases       |                 | ●                               | ●                          | ●             | ●                                |  |   | ●                         |                      | ●                            |                                  |                     |
| Division of Nephrology                |                 | ●                               | ●                          | ●             |                                  | ●  |   |                           | ●                    | ●                            |                                  |                     |
| Division of Neurology                 | ●               | ●                               | ●                          |               |                                  |  |   | ●                         | ●                    | ●                            |                                  |                     |
| Division of Preventive Medicine       |                 |                                 |                            |               |                                  |  |   |                           |                      |                              | ●                                |                     |
| Division of Pulmonary Medicine        | ●               |                                 | ●                          | ●             | ●                                |  |   |                           | ●                    | ●                            |                                  |                     |
| Division of Rheumatology              |                 | ●                               | ●                          |               |                                  |  |   |                           |                      |                              |                                  |                     |

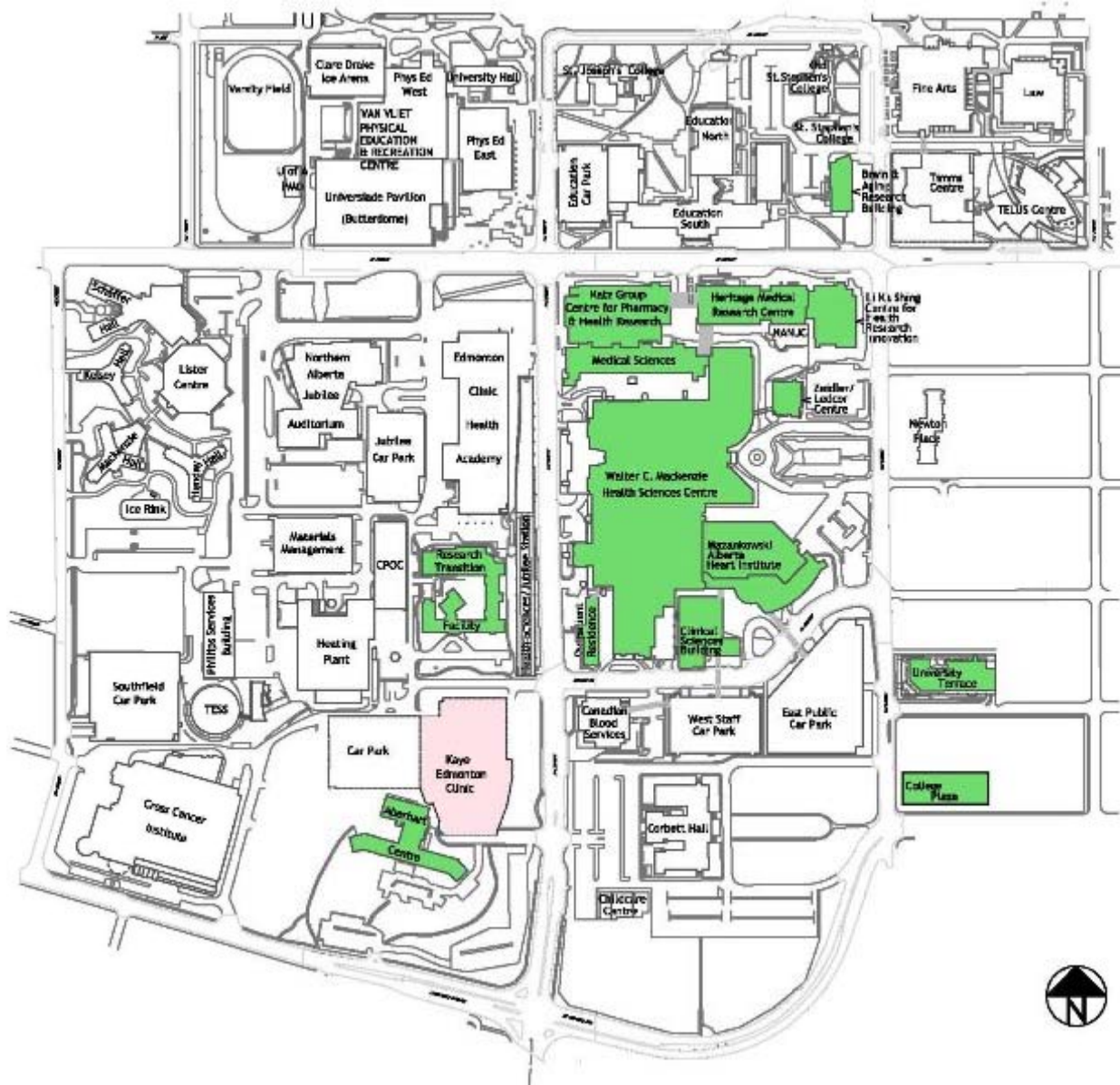
Legend:

Primary Location ●

Secondary Location ●

4.0 DoM CURRENT LOCATIONS

4.2 EXISTING LOCATIONS ON CAMPUS



**Portion of North Campus Enlargement, showing DoM locations in:**

- |      |  |         |  |
|------|--|---------|--|
| ABC  | Aberhart Centre                                      | OPR     | Outpatient Residence                           |
| BARB | Brain and Aging Research Building                    | RTF     | Research Transition Facility                   |
| CSB  | Clinical Sciences Building                           | UAH-WMC | University Hospital, i.e. WMC, MAHI & Stollery |
| CP   | College Plaza  | UT      | University Terrace                             |
| HMRC | Heritage Medical Research Centre                     | ZLC     | Zeidler Ledcor Centre                          |
| Katz | Katz Group Centre for Pharmacy and Health Innovation |         |  |
| LKS  | Li Ka Shing Centre for Health Research Innovation    |         |  |
| MSB  | Medical Sciences Building                            |         |  |

**5.1 DoM ADMINISTRATIVE SERVICES**
**5.0 DEPARTMENT OF MEDICINE DIVISIONAL GSP'S**
**5.1 DoM ADMINISTRATIVE SERVICES**
**5.1.1 Narrative**

Administrative Services has expanded in recent years to match the growing size and scope of the Department of Medicine. Administrative Services is grouped into teams which support the complex Finance, HR, and billing activities of Department faculty, researchers, and support staff. In addition central support is provided for researchers through activities such as grant application review and approval. Another important aspect of Administrative Services is the ongoing career development and faculty review, which is critical to ensuring the ongoing success of the faculty.

**5.1.2 Faculty, Staff & Graduate Student/Trainee Numbers**

The GSP accommodates a projected total of 49 persons within the Administrative Services component. The five year projection is very similar to the current number of 48 persons, reflecting the recent growth that has occurred in the DoM administrative staff.

The approximately 96 DoM Core Residents are also identified under this component, differentiating them from the sub-specialty Residents included within each division. The Core Residents are Residents I, II and III that are members of the Department of Medicine.

**Table 5.1-1 - Faculty, Staff & Student/Trainee Summary - DoM Administrative Services**

|   | 2012/13   | 2017/18   |
|---|-----------|-----------|
| <b>DoM Administrative Services</b>                |           |           |
| • Chair & Assistant Chair                         | 2         | 2         |
| • Chair's Office & Office of Research             | 6         | 6         |
| • Human Resources (1 position currently vacant)   | 5         | 6         |
| • Finance   | 7         | 7         |
| • Billing   | 8         | 8         |
| • Administration                                  | 11        | 11        |
| • Postgraduate Education                          | 9         | 9         |
| • DoM Core Residents (i.e. Residents I, II & III) | 96        | 96        |
| <b>Total Administrative Services</b>              | <b>48</b> | <b>49</b> |
| <b>Total DoM Core Residents</b>                   | <b>96</b> | <b>96</b> |

**5.1.3 Current Facilities**

Virtually all of Administrative Services is currently located on the 13<sup>th</sup> floor of the CSB, occupying 607.1 square metres. This represents more than three-quarters of the total floor area. The existing area includes some internal circulation, so it is a combination of net assignable and component gross area.

Included in the existing space is a relatively large conference room (CSB #13-126) that serves the entire Department of Medicine.

5.1 DoM ADMINISTRATIVE SERVICES

Two of the Postgraduate Education staff are presently located in WMC 2F1. If they are unable to remain in the WMC, they will require space in the CSB joining the remainder of Administrative Services.

**5.1.4 Projected Facility Requirements**

The projected total area requirement for 2017/18 is approximately 563.6 net assignable square metres based on the space guideline allocations.

As a general observation, the current space is relatively functional and close overall in total area to the immediate and projected space requirements.

**Table 5.1-2 - Space Summary, DoM Administrative Services**

|  | Existing <sup>1</sup><br>2012/13<br>Sq M | Immediate<br>Reqm'ts <sup>2</sup><br>2012/13<br>Sq M | Projected<br>Reqm'ts <sup>2</sup><br>2017/18<br>Sq M |
|--|--|--|--|
| <b>DoM Administrative Services</b>   |  |  |  |
| 4.1-4.6 Academic Offices & Related Space   | <u>607.1</u>                             | <u>563.6</u>   | <u>563.6</u>   |
| <b>Total Area Requirements</b>   | <b>607.1</b>                             | <b>563.6</b>   | <b>563.6</b>   |
| Table Notes:   |  |  |  |
| 1. The existing 607.1 sqm includes portions of internal circulation.                   |  |  |  |
| 2. The space guideline allocation square metres does not include internal circulation. |  |  |  |



## 5.2 DoM DIVISION OF CARDIOLOGY

### 5.2.1 Narrative

Cardiology is the medical subspecialty concerned with the prevention, diagnosis, management, and rehabilitation of patients with diseases of the cardiovascular system. A Cardiologist is a specialist who is an expert in the diagnosis and management of all aspects of cardiovascular disease.

The Division of Cardiology at the UAH is a full-service division with expertise in a broad range of areas of clinical cardiology, including cardiac transplantation, electrophysiology, echocardiography, interventional cardiology, gene therapy at clinical trials and outcomes research. The division is proud of its multidisciplinary membership, which includes MDs, PharmDs (Doctor of Pharmacy) as well as PhDs. The division is comprised of 30 full time faculty with additional education and teaching support provided by a complement of part time faculty.

#### Education

In addition to contributions to undergraduate medical education the division presently has 13 residents, 29 postgraduate fellows and 16 graduate students.

#### Research

The division is home to a growing field of research excellence and a vibrant cardiovascular research-training program. This is reflected in the impressive growth of peer-reviewed research funding. Expertise includes the following areas:

- Acute coronary syndrome trials
- Gene therapy
- Cardiac imaging
- Cardiovascular outcomes research and epidemiology
- Vascular biology (oxygen sensing, pulmonary hypertension)
- Heart failure research
- Vascular prevention and exercise physiology
- Translational research
- Cellular electrophysiology

As well, the division will continue to build on the existing excellence of its research groups: VIGOUR, providing Canadian leadership in clinical trials; EPICORE, providing the division and the Faculty of Medicine and Dentistry with clinical trial operational and statistical expertise; and the Cardiovascular Research Group, with internationally renowned teams of bench and translational researchers.

#### Clinical Care

The Division of Cardiology continues to grow with the addition of new faculty, support staff, and programs. Areas of clinical expertise include:

- Adult congenital heart disease
- Acute coronary syndromes
- Cardiac magnetic resonance imaging
- Consultative cardiology
- Cardiac transplantation and cardiac assist devices
- Cardiac electrophysiology

**5.2 DoM DIVISION OF CARDIOLOGY**

- Heart failure
- Interventional cardiology
- Pulmonary hypertension
- Rehabilitation

The division also offers many specialized clinics that allow the department to deliver care more efficiently and rapidly. These clinics include:

- Anticoagulation management service
- Arrhythmia and atrial fibrillation clinic
- Chest pain program
- Cardiac EASE (Ensuring Access and Speedy Evaluation) multidisciplinary clinic
- Pulmonary hypertension program
- Cardiac transplantation program
- Adult congenital heart multidisciplinary program
- Heart function clinic
- Multi-disciplinary risk reduction clinic

**5.2.2 Faculty, Staff & Graduate Student/Trainee Numbers**

The GSP identifies a current total of 156 persons and a projected total of approximately 174 persons within the division, which includes growth of 12 full time faculty and 6 administrative support positions.

The total of 174 persons includes approximately 30 research staff, together with postgraduate and clinical research fellows and graduate students, supporting the wet and dry lab research work of the Cardiology PI's, including for example, Dr. P. Armstrong, Dr. T. Bungard, Dr. C. Butler, Dr. PI Ezekowitz, Dr. Y. Fu, Dr. P. Kaul, Dr. M. McMurtry, Dr. E. Michelakis, Dr. G. Oudit, Dr. M. Rosenthal, Dr. M. Shanks, Dr. R. Tsuyuki, Dr. P. Raggi, the Academic Director of the MAHI, and other division faculty that also conduct research in ABACUS.

**Table 5.2-1 - Faculty, Staff & Student/Trainee Summary - DoM Division of Cardiology**

|   | 2012/13    | 2017/18    |
|---|------------|------------|
| <b>DoM Division of Cardiology</b>               |            |            |
| • Administrative Staff                          | 27         | 33         |
| • F-T Faculty, incl the Division Director       | 30         | 42         |
| • P-T Faculty, incl Clinical, Adjunct, Emeritus | 11         | 11         |
| • Cardiology Residents (Trainees)               | 13         | 13         |
| • Postgraduate Fellows                          | 29         | 29         |
| • Graduate Students                             | 16         | 16         |
| • Other Research Staff                          | ~30        | ~30        |
| <b>Total</b>                                    | <b>156</b> | <b>174</b> |

## 5.2 DoM DIVISION OF CARDIOLOGY

**5.2.3 Current Facilities**

The Division of Cardiology faculty and administrative offices are currently located on the 2<sup>nd</sup> floor of the WMC. In addition, some faculty are located with their research facilities in the HMRC, LKS, College Plaza and OPR. The future plan is to locate the division's offices in the MAHI when the shelled upper floors are completed.

A number of Cardiology PI's and their research teams utilize FoMD wet lab research facilities in the HMRC and LKS research buildings. This includes space with the Cardiovascular Research Centre in the HMRC and LKS. Cardiology research teams also use dry lab research facilities in the Canadian VIGOUR Centre in both the HMRC and LKS. Although these wet and dry lab facilities are not part of the division's assigned space, the division's functional research groups are identified in this GSP, including the PI's, the members of their research teams and the spaces they utilize.

The division also conducts dry lab research in the EPICORE lab located in College Plaza, which is identified as Division of Cardiology space. The EPICORE research group comprises approximately 17 persons including the PI's and their research staff. The division has a small research group located in the OPR with the Cardiac Enhanced Access and Speedy Evaluation (EASE) Clinic.

Cardiology faculty conduct human subjects research in ABACUS, which is predominantly clinical space (e.g. cardiac catheterization labs, MRI, CT, etc.) within which research is also conducted. The space is located on level 0 of the WMC.

The Cardiology Residents currently have a lounge / work space located in the WMC (i.e. 2G1.17) that supports their day to day work in the WMC and MAHI and will be important to retain. The Cardiology Fellows have a similar type lounge / work space in WMC 3A5.035.

**5.2.4 Projected Facility Requirements**

The projected total area requirement for the Division of Cardiology for 2017/18 is approximately 1,080.6 net assignable square metres based on the space guideline allocations. Included within this is the following:

- The division's dry lab research space in the EPICORE and EASE research groups.
- The division's full time and part time faculty and administrative offices and workstations, identifying also those that are already provided for in research facilities such as VIGOUR and the Cardiovascular Research Centre.
- GSP guideline allocations for the division's 13 Residents, PDF's, other shared touch down workstations and for divisional support facilities.

In addition, Cardiology also utilizes approximately 650.0 net assignable square metres of FoMD wet and dry lab research space that is part of the Cardiovascular Research Centre and VIGOUR.

5.2 DoM DIVISION OF CARDIOLOGY

**Table 5.2-2 - Space Summary, DoM Division of Cardiology**

|   | Existing<br>2012/13<br>Sq M | Immediate<br>Reqm'ts<br>2012/13<br>Sq M | Projected<br>Reqm'ts<br>2017/18<br>Sq M |
|---|-----------------------------|---|---|
| <b>DoM Division of Cardiology</b>   |                             |   |   |
| 3.1 Wet Lab Research Space (Faculty managed) <sup>1</sup>   | [448.3]                     | [448.3]                                 | [448.3]                                 |
| 3.2-3.4 Dry Lab Research Space (Faculty managed) <sup>2</sup>   | [201.7]                     | [214.4]                                 | [214.4]                                 |
| 3.2-3.4 Dry Lab Research Space  | 233.3                       | 205.1                                   | 205.1                                   |
| 4.1-4.6 Academic Offices & Related Space <sup>3</sup>   | <u>708.5</u>                | <u>695.5</u>                            | <u>875.5</u>                            |
| <b>Total Area Requirements</b>  | <b>941.8</b>                | <b>900.6</b>                            | <b>1,080.6</b>                          |
| <p>Table Notes:</p> <p>1. This is the estimated wet lab space used by the Division of Cardiology in the Cardiovascular Research Centre in the HMRC and LKS buildings that is managed by the Faculty.</p> <p>2. This is the estimated dry lab space used by the Division of Cardiology in VIGOUR in the HMRC and LKS buildings that is managed by the Faculty.</p> <p>3. Some existing areas in the WMC include internal circulation; the space guideline allocation does not.</p> |                             |   |   |

5.3 DoM DIVISION OF DERMATOLOGY

**5.3 DoM DIVISION OF DERMATOLOGY**

**5.3.1 Narrative**

Dermatology is the branch of medicine dealing with the skin and its diseases. A dermatologist takes care of diseases and some cosmetic problems of the skin, scalp, hair, and nails. The division is comprised of 5 full time faculty.

**Education**

In addition to contributions to undergraduate medical education the division presently has 11 medical residents.

**Research**

Research has focused on skin cancer, in particular, melanoma. Additional research has included:

- Exploring the use of contact sensitization therapy with diphencyprone for the treatment of cutaneous metastasis of melanoma
- The role and value of sun awareness posters in dermatology clinics
- Human Leukocyte Antigen typing as it relates to diabetes and contact dermatitis

**Clinical Care**

The type of specialty clinics has dramatically increased at the University Dermatology Clinic. One of the most exciting developments was the establishment of a Multidisciplinary Melanoma Clinic. The purpose for the clinic is to centralize and streamline the management of melanoma patients in Northern Alberta and allow for a single point of entry. The presence of specialists from dermatology, surgical oncology, and medical oncology allows for comprehensive care of patients at one site, including the Tumor Surveillance Clinic for Transplant Recipients, wound care, lasers and the Collagen Vascular Disorder Clinic.

**5.3.2 Faculty, Staff & Graduate Student/Trainee Numbers**

The GSP identifies a current total of 22 persons and a projected total of approximately 25 persons within the division, which includes growth of 2 full time faculty and 1 administrative support position.

**Table 5.3-1 - Faculty, Staff & Student/Trainee Summary - DoM Division of Dermatology**

|   | 2012/13   | 2017/18   |
|---|-----------|-----------|
| <b>DoM Division of Dermatology</b>              |           |           |
| • Administrative Staff                          | 4         | 5         |
| • F-T Faculty, incl the Division Director       | 5         | 7         |
| • P-T Faculty, incl Clinical, Adjunct, Emeritus | 2         | 2         |
| • Dermatology Residents (Trainees)              | 11        | 11        |
| <b>Total</b>                                    | <b>22</b> | <b>25</b> |

**5.3.3 Current Facilities**

Virtually all of the division’s academic offices and administrative space is currently located on the 2<sup>nd</sup> floor of the CSB, with one faculty and administrative staff office located in the LKS. The division’s

5.3 DoM Division of Dermatology

space currently totals 170.9 square metres. The existing area includes very little internal circulation, so it is close to being all net assignable area.

The Division of Dermatology utilizes wet lab research space located in the LKS that is part of the Alberta Diabetes Institute, e.g. Dr. J. Elliot.

**5.3.4 Projected Facility Requirements**

The projected total area requirement for the Division of Dermatology for 2017/18 is 195.5 net assignable square metres based on the space guideline allocations. Included within this is the following:

- The division’s full time and part time faculty and administrative offices and workstations.
- GSP guideline allocations for the division’s 11 Residents and for divisional support facilities.

The GSP space projection assumes that the division will continue to utilize other research facilities such as those located in the Alberta Diabetes Institute.

**Table 5.3-2 - Space Summary, DoM Division of Dermatology**

|  | Existing<br>2012/13<br>Sq M | Immediate<br>Reqm'ts<br>2012/13<br>Sq M | Projected<br>Reqm'ts<br>2017/18<br>Sq M |
|--|-----------------------------|---|---|
| <b>DoM Division of Dermatology</b>   |                             |   |   |
| 3.1 Wet Lab Research Space (Faculty managed) <sup>1</sup>  | [44.0]                      | [44.0]                                  | [44.0]                                  |
| 3.2-3.4 Dry Lab Research Space   | 0.0                         | 0.0                                     | 0.0                                     |
| 4.1-4.6 Academic Offices & Related Space   | <u>170.9</u>                | <u>165.5</u>                            | <u>195.5</u>                            |
| <b>Total Area Requirements</b>   | <b>170.9</b>                | <b>165.5</b>                            | <b>195.5</b>                            |
| Table Notes:   |                             |   |   |
| 1. Dermatology uses wet lab research space in the LKS that is part of the Alberta Diabetes Institute and managed by the Faculty. |                             |   |   |

## 5.4 DoM DIVISION OF ENDOCRINOLOGY

### 5.4.1 Narrative

The Division of Endocrinology is concerned with the study of the biosynthesis, storage, and physiological function of hormones and with the cells of the endocrine glands and tissues that secrete them. Key functions of metabolism are regulated by the endocrine system and the work of division members is holistic in clinical and research to encompass areas such as diabetes and weight management.

The division is comprised of 14 full time faculty (plus 1 vacant position to be filled in 1013) with additional education and teaching support provided by a complement of part time faculty.

#### Education

In addition to contributions to undergraduate medical education the division presently has 5 medical residents, 2 postgraduate clinical fellows and 1 graduate student.

#### Research

Over the past several years, divisional members were awarded almost \$10 million in operational grants and over \$6 million in other grants for basic, translational and clinical research, and published over 154 papers and book chapters. Division members also made 216 scientific presentations, creating opportunity to share clinical, research and academic expertise with colleagues locally, across North America, and internationally. Division members are leaders in epidemiological studies of diabetes and are particularly noted for their work on Aboriginals.

#### Clinical Care

Division of Endocrinology contributes to leadership in Endocrinology and Diabetes care in its referral base (Central and Northern Alberta, Northeastern British Columbia and Northwestern Saskatchewan) through innovative multidisciplinary clinical programs through clinics such as:

- Diabetic Nephropathy Prevention Clinic
- Clinical Islet Program led by Dr. Senior
- Insulin Pump Program
- Western Canada Pituitary Clinic
- Weight-Wise Program

### 5.4.2 Faculty, Staff & Graduate Student/Trainee Numbers

The GSP identifies a current total of 71 persons and a projected total of approximately 78 persons within the division, which includes growth of 5 full time faculty and 2 administrative support positions.

The total of 78 persons includes approximately 26 research staff supporting the wet and dry lab research work of the Endocrinology PI's, including for example, Dr. L. Mereu, Dr. A. Sharma, Dr. G. Sharma, Dr. E. Toth and Dr. J. Vance.

**5.4 DoM DIVISION OF ENDOCRINOLOGY**
**Table 5.4-1 - Faculty, Staff & Student/Trainee Summary - DoM Division of Endocrinology**

|   | 2012/13   | 2017/18   |
|---|-----------|-----------|
| <b>DoM Division of Endocrinology</b>                          |           |           |
| • Administrative Staff, incl 1 vacant position                | 17        | 19        |
| • F-T Faculty, incl the Division Director & 1 vacant position | 15        | 20        |
| • P-T Faculty, incl Clinical, Adjunct, Emeritus               | 5         | 5         |
| • Endocrinology Residents (Trainees)                          | 5         | 5         |
| • Postgraduate Clinical Fellows                               | 2         | 2         |
| • Graduate Student  | 1         | 1         |
| • Research Staff  | ~26       | ~26       |
| <b>Total</b>  | <b>71</b> | <b>78</b> |

**5.4.3 Current Facilities**

Most of the Division of Endocrinology faculty and administrative offices are currently located on the 3<sup>rd</sup> floor of the HMRC. In addition, 2 faculty are located in the RTF, 1 in College Plaza and 1 in the University Terrace building (UT). One other faculty member that is based at the RAH utilizes research facilities and touch down space in the LKS.

The FoMD intends to use Endocrinology's current space in the HMRC to accommodate research and accordingly the plan is to relocate the division's offices into the CSB.

The division utilizes FoMD wet lab research space in the HMRC including space that is part of The Group on the Molecular and Cell Biology of Lipids.

The division conducts dry lab research that is part of the Alberta Diabetes Institute in the LKS and has a large dry lab research facility in University Terrace that accommodates G. Sharma's research team of approximately 18 persons.

E. Toth's dry lab research group that is located in the RTF will relocate into the CSB. The research work of this group (e.g. diabetes research on Reserves) requires access to loading facilities and storage for test kits.

**5.4.4 Projected Facility Requirements**

The projected total area requirement for the Division of Endocrinology for 2017/18 is approximately 644.1 net assignable square metres. Included within this is the following:

- The division's dry lab research space that will remain in the LKS and UT. The dry lab research space in the RTF that will move into the CSB is also identified.
- The division's full time and part time faculty and administrative offices and workstations, identifying also those that will remain with their research team and facilities, i.e. G. Sharma in the UT. Office space for a new Division Director is included in the 5 additional offices provided for full time faculty growth.
- GSP guideline allocations for the division's 5 Residents and for divisional support facilities.



**5.4 DoM DIVISION OF ENDOCRINOLOGY**
**Table 5.4-2 - Space Summary, DoM Division of Endocrinology**

|  |  | Existing<br>2012/13<br>Sq M | Immediate<br>Reqm'ts<br>2012/13<br>Sq M | Projected<br>Reqm'ts<br>2017/18<br>Sq M |
|--|--|-----------------------------|---|---|
| <b>DoM Division of Endocrinology</b>                         |  |                             |   |   |
| 3.1  | Wet Lab Research Space (Faculty managed) | [274.7]                     | [268.7]                                 | [268.7]                                 |
| 3.2-3.4  | Dry Lab Research Space <sup>1</sup>      | 300.1                       | 235.6                                   | 235.6                                   |
| 4.1-4.6  | Academic Offices & Related Space         | <u>278.6</u>                | <u>336.5</u>                            | <u>408.5</u>                            |
| <b>Total Area Requirements</b>                               |  | <b>578.7</b>                | <b>572.1</b>                            | <b>644.1</b>                            |
| Table Notes:   |  |                             |   |   |
| 1. Existing space includes portions of internal circulation. |  |                             |   |   |

## 5.5 DoM DIVISION OF GASTROENTEROLOGY

### 5.5.1 Narrative

Gastroenterology is a branch of medicine focused on the digestive system and its disorders. Diseases affecting the gastrointestinal tract, which includes the organs from mouth to anus, along the alimentary canal, are the focus of this specialty. Some gastroenterology trainees may complete additional training to further specialize in areas such as Advanced Endoscopy, Irritable Bowel Disease, or other topics.

Excellence in patient care, leadership in clinical care innovations, leadership in gastrointestinal and liver research, number of basic and clinical research grants, publications, and success in education are measures of the success of the Division of Gastroenterology.

The division is comprised of 26 full time faculty with additional education and teaching support provided by a complement of part time faculty.

#### Education

In addition to undergraduate medical education the division presently supports 7 medical residents, 12 postgraduate fellows and 10 graduate students. Members of the division teach clinical skills to first and second year students through the Gilbert Scholars program. This successful program teaches students the value of a bench to bedside approach to patient care, while emphasizing the soft skills of medicine.

#### Research

The division manages a leading-edge research program involving over \$3 million dollars in research funding annually, and recently received a prestigious \$22 million dollar research award to establish a Center of Excellence in Gastrointestinal Research. Gastroenterology research is led by two large research groups: The Centre of Excellence for Gastrointestinal Inflammation and Immunity Research (CEGIIR) and the Gastrointestinal and Liver Disease Research Group (GILDR).

#### Clinical Care

The Division of Gastroenterology has clinical specialists and teachers at each major Edmonton hospital, performs more than 25,000 advanced endoscopic surgical procedures annually and has developed internationally recognized programs in inflammatory bowel disease, peptic ulcer disease, liver failure and liver transplantation, viral liver disease and human nutrition.

### 5.5.2 Faculty, Staff & Graduate Student/Trainee Numbers

The GSP identifies a current total of 136 persons and a projected total of approximately 149 persons within the division, which includes growth of 9 full time faculty and 4 administrative support positions.

The projected total of 149 persons includes approximately 55 research staff and 10 graduate students supporting the wet and dry lab research work of the Gastroenterology PI's in CEGIIR, GILDR and the ATAGC, including for example, Dr. P. Jacobs, Dr. K. Goodman, Dr. K. Madsen, Dr. A. Mason, Dr. B. Reuter, Dr. P. Tandon, etc. (i.e. the GILDR PI's include all Gastroenterology full time faculty).

**5.5 DoM DIVISION OF GASTROENTEROLOGY**
**Table 5.5-1 - Faculty, Staff & Student/Trainee Summary - DoM Division of Gastroenterology**

|   | 2012/13    | 2017/18    |
|---|------------|------------|
| <b>DoM Division of Gastroenterology</b>         |            |            |
| • Administrative Staff                          | 23         | 27         |
| • F-T Faculty, incl the Division Director       | 26         | 35         |
| • P-T Faculty, incl Clinical, Adjunct, Emeritus | 3          | 3          |
| • Gastroenterology Residents (Trainees)         | 7          | 7          |
| • Postgraduate Fellows                          | 12         | 12         |
| • Graduate Students                             | 10         | 10         |
| • Research Staff                                | ~55        | ~55        |
| <b>Total</b>                                    | <b>136</b> | <b>149</b> |

**5.5.3 Current Facilities**

The Division of Gastroenterology faculty and administrative offices are located in the Zeidler Ledcor Centre (ZLC). In addition, some faculty offices are located with the CEGIIR wet lab research facilities in the Katz building and there are faculty that are based at the RAH. There is no plan to move the division's offices from their current locations.

A number of Gastroenterology PI's and their research teams utilize the FoMD CEGIIR wet lab research facilities in Katz. There is a CEGIIR dry lab located in the ZLC as well as the GILDR dry lab clinical trials group. The ZLC also accommodates educational and clinical facilities used by the division.

The Gastroenterology Residents currently utilize a lounge / work space located in the ZLC (1-59).

**5.5.4 Projected Facility Requirements**

The projected total area requirement for the Division of Gastroenterology for 2017/18 is approximately 1,008.4 net assignable square metres based on the space guideline allocations. Included within this is the following:

- The division's dry lab and clinical trials research space located in the ZLC, i.e. CEGIIR and GILDR.
- The division's full time and part time faculty and administrative offices and workstations, including those that will remain with their research team and facilities in Katz. The space associated with faculty that are based at the RAH are not included in the GSP.
- GSP guideline allocations for the division's 7 Residents, clinical fellows (touch down workstations) and for divisional support facilities.

In addition to the division's 1,008.4 net assignable square metres, Gastroenterology utilizes approximately 1,287.1 net assignable square metres of FoMD wet lab research space associated with CEGIIR that is located in the Katz building.

**5.5 DoM Division of Gastroenterology**
**Table 5.5-2 - Space Summary, DoM Division of Gastroenterology**

|   | Existing<br>2012/13<br>Sq M | Immediate<br>Reqm'ts<br>2012/13<br>Sq M | Projected<br>Reqm'ts<br>2017/18<br>Sq M |
|---|-----------------------------|---|---|
| <b>DoM Division of Gastroenterology</b>   |                             |   |   |
| 3.1 Wet Lab Research Space (Faculty managed) <sup>1</sup>   | [1,287.1]                   | [1,282.7]                               | [1,282.7]                               |
| 3.2-3.4 Dry Lab Research Space <sup>2</sup>   | 292.7                       | 251.0                                   | 251.0                                   |
| 4.1-4.6 Academic Offices & Related Space <sup>2</sup>   | <u>835.4</u>                | <u>625.4</u>                            | <u>757.4</u>                            |
| <b>Total Area Requirements</b>  | <b>1,128.1</b>              | <b>876.4</b>                            | <b>1,008.4</b>                          |
| Table Notes:  |                             |   |   |
| 1. This is the CEGIIR wet lab research space used by members of the division in the Katz building that is managed by the Faculty. |                             |   |   |
| 2. Some existing areas include internal circulation.  |                             |   |   |

## 5.6 DoM DIVISION OF GENERAL INTERNAL MEDICINE

**5.6 DoM DIVISION OF GENERAL INTERNAL MEDICINE (GIM)****5.6.1 Narrative**

Internal medicine is the medical specialty dealing with the prevention, diagnosis, and treatment of adult diseases. Internists are especially skilled in the management of patients who have undifferentiated or multi-system disease processes.

The division is comprised of 17 full time faculty (plus 1 position under active recruitment) with additional education and teaching support provided by a complement of part time faculty.

**Education**

In addition to contributions to undergraduate medical education the division presently has 10 medical residents (plus 2 vacant positions), 3 postgraduate GIM fellows and 5 graduate students.

**Research**

Collectively, since 2007, division researchers have secured approximately \$18 million in funding, created 20 research related jobs, supervised 70 research trainees, published 300 peer-reviewed papers, and have held 2 prominent research Chair positions. Research initiatives include:

- Optimizing acute and chronic health care delivery for prevalent conditions such as hypertension, obesity, heart failure, pneumonia, osteoporosis and diabetes.

**Clinical Care**

In partnership with Alberta Health Services, the META (Mobilizing Energy Taking Action) initiative has been instrumental in improving patient care not only within the division of General Internal Medicine at the University of Alberta Hospital, but also other divisions at this site and at the Royal Alexandra Hospital.

**5.6.2 Faculty, Staff & Graduate Student/Trainee Numbers**

The GSP identifies a current total of 84 persons and a projected total of approximately 100 persons within the division, which includes growth of 8 full time faculty and 3 administrative support positions.

The projected total of 100 persons includes approximately 18 research staff, as well as fellows and graduate students supporting the dry lab research work of the General Internal Medicine PI's, including for example, Dr. S. Majumdar and Dr. R. Padwal with the Alberta Diabetes Institute in the LKS building and Dr. McAlister currently using staff and space in EPICORE and VIGOUR.

**5.6 DoM DIVISION OF GENERAL INTERNAL MEDICINE**
**Table 5.6-1 - Faculty, Staff & Student/Trainee Summary - DoM Division of General Internal Medicine**

|   | 2012/13   | 2017/18    |
|---|-----------|------------|
| <b>DoM Division of General Internal Medicine</b>              |           |            |
| • Administrative Staff  | 13        | 16         |
| • F-T Faculty, incl the Division Director & 1 vacant position | 18        | 26         |
| • P-T Faculty, incl Clinical, Adjunct, Emeritus               | 14        | 14         |
| • GIM Residents (Trainees)                                    | 12        | 12         |
| • Postgraduate GIM Fellows                                    | 3         | 3          |
| • Other Fellows & Graduate Students                           | 11        | 11         |
| • Research Staff  | ~13       | ~18        |
| <b>Total</b>  | <b>84</b> | <b>100</b> |

**5.6.3 Current Facilities**

All of the GIM faculty and administrative offices are currently located on the 2<sup>nd</sup> floor of the WMC in 2F1. The future plan is to relocate the division's offices into the CSB. Their existing space in the WMC is required by AHS for clinical purposes.

The division utilizes dry lab research space in the LKS building, known as the Alberta Diabetes Institute (ADI). It currently accommodates a research team of approximately 10 persons that is anticipated to grow. The future plan is to retain this dry lab space in the LKS.

The division also conducts dry lab research in EPICORE located in College Plaza and in VIGOUR in the LKS building. The future plan is to relocate Dr. F. McAlister's expanding research group into the CSB.

The GIM Residents currently have lounge / work space located in the WMC (i.e. 2F1.18 and 2F2.33Z) that supports their day to day work in the WMC and will be important to retain. The division also has a large number of part time staff including clinical academic colleagues and fellows that utilize touch down workstations in WMC 2F1.

**5.6.4 Projected Facility Requirements**

The projected total area requirement for the Division of General Internal Medicine for 2017/18 is approximately 604.8 net assignable square metres based on the space guideline allocations. Included within this is the following:

- The division's dry lab research space.
- The division's full time faculty and administrative offices and workstations, including shared touch down workstations for the large number of part time faculty and staff.
- GSP guideline allocations for the division's 12 Residents and for divisional support facilities.

5.6 DoM Division of General Internal Medicine

**Table 5.6-2 - Space Summary, DoM Division of General Internal Medicine**

|  |  | Existing<br>2012/13<br>Sq M | Immediate<br>Reqm'ts<br>2012/13<br>Sq M | Projected<br>Reqm'ts<br>2017/18<br>Sq M |
|--|--|-----------------------------|---|---|
| <b>DoM Division of General Internal Medicine</b> |  |                             |   |   |
| 3.1  | Wet Lab Research Space (Faculty managed) | [0.0]                       | [0.0]                                   | [0.0]                                   |
| 3.2-3.4  | Dry Lab Research Space                   | 128.8                       | 108.0                                   | 108.0                                   |
| 4.1-4.6  | Academic Offices & Related Space         | <u>343.8</u>                | <u>382.8</u>                            | <u>496.8</u>                            |
| <b>Total Area Requirements</b>                   |  | <b>472.6</b>                | <b>490.8</b>                            | <b>604.8</b>                            |

5.7 DoM DIVISION OF GERIATRIC MEDICINE

**5.7 DoM DIVISION OF GERIATRIC MEDICINE**

**5.7.1 Narrative**

Geriatrics or geriatric medicine focuses on health care of elderly people. It aims to promote health by preventing and treating diseases and disabilities in older adults. There is no set age at which patients may be under the care of a geriatrician. Rather, this decision is determined by the individual patient's needs, and the availability of a specialist.

Geriatrics, the care of aged people, differs from gerontology, which is the study of the aging process itself. Geriatric practice is by definition more complex and time consuming than many other subspecialties.

The division is comprised of 4 full time faculty (plus 1 under active recruitment) with further clinical and educational support provided by 4 part time faculty.

**Education**

As members of the Academic Faculty, Geriatricians have a duty to teach undergraduate medical students, postgraduate trainees and members of the wider multidisciplinary team. This ensures a quality education for future physicians working with older people but more importantly the non-clinical bedside element contributes to wider education of the multidisciplinary team, other health professionals and engagement with the lay public in delivering educational sessions within the community.

**Research**

Members of the division are active collaborators, investigators and principal investigators in numerous peer-reviewed grants and actively contribute to cross-faculty collaborations within the University exploring a wide variety of research areas as diverse as quality improvement for older people in care homes, osteoporosis, urinary incontinence, frailty and medical education.

**5.7.2 Faculty, Staff & Graduate Student/Trainee Numbers**

The GSP identifies a current total of 13 persons and a projected total of approximately 24 persons within the division, which includes growth of 5 full time faculty and 2 administrative support positions, as well as growth in research staff supporting the work of PI's such as Dr. A. Wagg.

**Table 5.7-1 - Faculty, Staff & Student/Trainee Summary - DoM Division of Geriatric Medicine**

|   | 2012/13   | 2017/18   |
|---|-----------|-----------|
| <b>DoM Division of Geriatric Medicine</b>                     |           |           |
| • Administrative Staff  | 2         | 4         |
| • F-T Faculty, incl the Division Director & 1 vacant position | 5         | 10        |
| • P-T Faculty, incl Clinical, Adjunct, Emeritus               | 4         | 4         |
| • Geriatric Medicine Residents (Trainees)                     | 1         | 3         |
| • Research Staff  | ~1        | ~3        |
| <b>Total</b>  | <b>13</b> | <b>24</b> |



5.7 DoM Division of Geriatric Medicine

**5.7.3 Current Facilities**

All of Division of Geriatric Medicine’s current space is located in the CSB, mainly on the 1<sup>st</sup> floor. In addition to its offices, the existing space includes a dry lab that accommodates Dr. Wagg’s research team. The future plan is to retain the division’s offices and dry lab space in the CSB.

One full time faculty member is based at the Glenrose.

**5.7.4 Projected Facility Requirements**

The projected total area requirement for the Division of Geriatric Medicine for 2017/18 is approximately 210.0 net assignable square metres based on the space guideline allocations. This includes the division’s full time and part time faculty and administrative offices and workstations, the 3 Residents workstations, the dry lab, and the divisional support facilities. A significant proportion of this division’s projected space requirements in 2017/18 is for future growth.

**Table 5.7-2 - Space Summary, DoM Division of Geriatric Medicine**

|   |  | Existing<br>2012/13<br>Sq M | Immediate<br>Reqm’ts<br>2012/13<br>Sq M | Projected<br>Reqm’ts<br>2017/18<br>Sq M |
|---|--|-----------------------------|---|---|
| <b>DoM Division of Geriatric Medicine</b> |  |                             |   |   |
| 3.1                                       | Wet Lab Research Space (Faculty managed) | 0.0                         | 0.0                                     | 0.0                                     |
| 3.2-3.4                                   | Dry Lab Research Space                   | 16.4                        | 6.0                                     | 18.0                                    |
| 4.1-4.6                                   | Academic Offices & Related Space         | <u>108.6</u>                | <u>120.0</u>                            | <u>192.0</u>                            |
| <b>Total Area Requirements</b>            |  | <b>125.0</b>                | <b>126.0</b>                            | <b>210.0</b>                            |

**5.8 DoM DIVISION OF HEMATOLOGY**
**5.8 DoM DIVISION OF HEMATOLOGY**
**5.8.1 Narrative**

Hematology is the study of blood, the blood-forming organs, and blood diseases. Hematology includes the diagnosis, treatment, prognosis, and prevention of blood diseases that affect the production of blood and its components, Hematologists also conduct studies in oncology—the medical treatment of cancer. Hematology is a distinct subspecialty of internal medicine, separate from but overlapping with the subspecialty of medical oncology.

The division is comprised of 9 full time faculty with further clinical and educational support provided by approximately 7 part time faculty.

**Education**

In addition to contributions to undergraduate medical education the division presently has 1 resident and 1 graduate student.

**Research**

Research interests of faculty members include bleeding disorders, thrombotic disorders, primary immunodeficiency, hereditary angioedema, hemoglobinopathies, porphyria and blood borne pathogens.

**Clinical Care**

The Division of Hematology treats all forms of blood disorders including leukemia, post-transplant lymphoproliferative disorder (PTLD), blood malignancies, chemotherapy and support through leukopenic crises.

**5.8.2 Faculty, Staff & Graduate Student/Trainee Numbers**

The GSP identifies a current total of 48 persons and a projected total of approximately 56 persons within the division, which includes growth of 6 full time faculty and 2 administrative support positions.

The projected total of 56 persons includes approximately 20 research staff supporting the wet and dry lab research work of the Hematology PI's, including for example, Dr. B. Ritchie, Dr. I. Sandhu and Dr. N. Zhu.

**Table 5.8-1 - Faculty, Staff & Student/Trainee Summary - DoM Division of Hematology**

|   | 2012/13   | 2017/18   |
|---|-----------|-----------|
| <b>DoM Division of Hematology</b>               |           |           |
| • Administrative Staff, incl 1 vacant position  | 9         | 11        |
| • F-T Faculty, incl the Division Director       | 9         | 15        |
| • P-T Faculty, incl Clinical, Adjunct, Emeritus | 7         | 7         |
| • Hematology Resident (Trainee)                 | 1         | 1         |
| • Post Graduate Clinical Fellows                | 2         | 2         |
| • Research Staff, incl 1 Graduate Student       | ~20       | ~20       |
| <b>Total</b>                                    | <b>48</b> | <b>56</b> |

5.8 DoM DIVISION OF HEMATOLOGY

**5.8.3 Current Facilities**

The Division of Hematology faculty and administrative offices are located on the 4<sup>th</sup> floor of the CSB. They were recently moved there due to flooding of their former space on the 13<sup>th</sup> floor of the CSB. The future plan is for the division to remain in its current location. In addition, 1 full time faculty member and her support staff are located in the Canadian Blood Services building.

The division uses wet lab research space in the MSB that is part of the FoMD Dep't of Biochemistry facilities. It accommodates B. Ritchie's research team of approximately 10 persons. In addition, B. Ritchie manages the FoMD Biobank facility in the LKS that includes a research group of about 8 persons and utilizes dry lab space in the LKS that is part of the Alberta Diabetes Institute.

The division also has a wet lab located in the WMC run by I. Sandhu and N. Zhu.

**5.8.4 Projected Facility Requirements**

The projected total area requirement for the Division of Hematology for 2017/18 is approximately 330.0 net assignable square metres based on the space guideline allocations. Included within this is the following:

- Proposed dry lab research space to support the new Division Director's clinical trials research team in the CSB.
- The division's full time and part time faculty and administrative offices, a workstation for the division's single Resident and for divisional support facilities.

In addition to the division's 330.0 net assignable square metres, Hematology utilizes approximately 330.6 net assignable square metres of FoMD wet and dry lab research space that is in the Dep't of Biochemistry, the Biobank facility, and the Alberta Diabetes Institute located in the LKS and MSB, as well as wet lab research space in the WMC.

**Table 5.8-2 - Space Summary, DoM Division of Hematology**

|   |   | Existing<br>2012/13<br>Sq M | Immediate<br>Reqm'ts<br>2012/13<br>Sq M | Projected<br>Reqm'ts<br>2017/18<br>Sq M |
|---|---|-----------------------------|---|---|
| <b>DoM Division of Hematology</b>   |   |                             |   |   |
| 3.1   | Wet Lab Research Space (Faculty managed) <sup>1</sup> | [267.0]                     | [267.0]                                 | [267.0]                                 |
| 3.2-3.4   | Dry Lab Research Space (Faculty managed) <sup>2</sup> | [33.6]                      | [33.6]                                  | [33.6]                                  |
| 3.2-3.4   | Dry Lab Research Space                                | 0.0                         | 0.0                                     | 36.0                                    |
| 4.1-4.6   | Academic Offices & Related Space <sup>3</sup>         | <u>272.5</u>                | <u>210.0</u>                            | <u>294.0</u>                            |
| <b>Total Area Requirements</b>  |   | <b>272.5</b>                | <b>210.0</b>                            | <b>330.0</b>                            |
| Table Notes:  |   |                             |   |   |
| 1. Hematology uses wet lab research space in the MSB that is part of the FoMD Dep't of Biochemistry facilities, the FoMD Biobank facility in the LKS that is managed by B. Ritchie and FoMD wet lab space in the WMC. |   |                             |   |   |
| 2. Hematology also uses FoMD dry lab space in the LKS that is part of the Alberta Diabetes Institute.   |   |                             |   |   |
| 3. The existing area includes portions of internal circulation.   |   |                             |   |   |

## 5.9 DoM DIVISION OF INFECTIOUS DISEASES

### 5.9.1 Narrative

Infectious diseases, also known as transmissible diseases or communicable diseases comprise clinically evident illness resulting from the infection. Infectious diseases are caused by microscopic organisms that penetrate the body's natural barriers and multiply to create symptoms that can range from mild to deadly. The division works closely with other medical disciplines to diagnose and create treatment plans.

The division is comprised of 16 full time faculty with further clinical and educational support provided by part time faculty members.

#### **Education**

In addition to contributions to undergraduate medical education the division presently has 2 residents, 3 postgraduate fellows and 2 graduate students.

#### **Research**

Research interests of faculty members include preventing, diagnosing and treating infectious diseases in transplant patients. Division members also work to understand the epidemiology of healthcare-associated infections.

#### **Clinical Care**

Infectious Diseases currently provides clinical services to all acute care facilities in Edmonton, and consultative service to Northern Alberta and most of the northern territories. Specialty programs in Infection Control, HIV and Hepatitis Care, and Transplant Infectious Diseases have been established, multiplying the opportunities for clinical, epidemiological and bench research, and for medical education.

The Division of Infectious Diseases operates a number of outreach clinics with hard to reach populations, such as those in the inner city. It also allows the division to engage in complex and time consuming multidisciplinary treatment programs such as HIV, Hepatitis C, Tuberculosis and Organ Transplant.

### 5.9.2 Faculty, Staff & Graduate Student/Trainee Numbers

The GSP identifies a current total of 39 persons and a projected total of approximately 45 persons within the division, which includes growth of 2 full time faculty and 2 administrative support positions. Approximately 8 of these persons are located at the RAH site.

The projected total of 45 persons includes approximately 10 research staff supporting the wet and dry lab research work of the Infectious Diseases PI's, including for example, Dr. D. Kumar, Dr. A. Humar, Dr. D. Kunimoto, Dr. J. Preiksaitis and Dr. S. Shafran.

**5.9 DoM Division of Infectious Diseases**
**Table 5.9-1 - Faculty, Staff & Student/Trainee Summary - DoM Division of Infectious Diseases**

|   | 2012/13   | 2017/18   |
|---|-----------|-----------|
| <b>DoM Division of Infectious Diseases</b>      |           |           |
| • Administrative Staff, incl 1 vacant position  | 7         | 9         |
| • F-T Faculty, incl the Division Director       | 16        | 18        |
| • P-T Faculty, incl Clinical, Adjunct, Emeritus | 1         | 1         |
| • Infectious Diseases Residents (Trainees)      | 2         | 4         |
| • Postgraduate Clinical Fellows                 | 3         | 3         |
| • Research Staff, incl Graduate Students        | ~10       | ~10       |
| <b>Total</b>                                    | <b>39</b> | <b>45</b> |

**5.9.3 Current Facilities**

The Division of Infectious Diseases faculty and administrative offices are currently located on the 2<sup>nd</sup> floor of the WMC in 2E4. The future plan is to relocate the division's offices into the CSB. Their existing space in the WMC is required by AHS for clinical purposes.

In addition, 5 full time faculty are presently located at the RAH with 1 future growth position also projected to be located there.

The division utilizes FoMD wet and dry lab research space in the Katz building that is part of the LKS Institute of Virology (LKSIV), i.e. the D. Kumar and A. Humar research team, as well as wet lab research space in the HMRC that is part of the In Vivo NMR Research Group, i.e. D. Kunimoto. Although these wet and dry lab facilities are not part of the division's assigned space, the division's functional research groups are identified in this GSP, including the PI's, the members of their research teams and the spaces they utilize.

The division also utilizes a small wet lab facility in the WMC (J. Preiksaitis) and has S. Shafran's dry lab that is located in the Outpatient Residence (OPR). The plan is to relocate the dry lab space to the CSB.

The Infectious Diseases Residents currently have a work space located in the WMC (2E4.18).

**5.9.4 Projected Facility Requirements**

The projected total area requirement for the Division of Infectious Diseases for 2017/18 is approximately 297.0 net assignable square metres based on the space guideline allocations. Included within this is the following:

- The division's dry lab research space in the OPR (i.e. Shafran's lab).
- The division's full time and part time faculty and administrative offices and workstations, identifying also those that are already provided for in the research facilities such as LKSIV (e.g. the faculty offices of D. Kumar & A. Humar).
- GSP guideline allocations for the division's 4 Residents and other shared touch down workstations and for divisional support facilities.

5.9 DoM DIVISION OF INFECTIOUS DISEASES

In addition to the division's 297.0 net assignable square metres, Infectious Diseases utilizes portions of the 381.9 net assignable square metres of FoMD wet and dry lab research space that is part of the LKSIV and In Vivo NMR Research Group that is managed by the Faculty.

**Table 5.9-2 - Space Summary, DoM Division of Infectious Diseases**

|  |   | Existing<br>2012/13<br>Sq M | Immediate<br>Reqm'ts<br>2012/13<br>Sq M | Projected<br>Reqm'ts<br>2017/18<br>Sq M |
|--|---|-----------------------------|---|---|
| <b>DoM Division of Infectious Diseases</b>   |   |                             |   |   |
| 3.1  | Wet Lab Research Space (Faculty managed) <sup>1</sup> | [324.5]                     | [324.5]                                 | [324.5]                                 |
| 3.2-3.4  | Dry Lab Research Space (Faculty managed) <sup>1</sup> | [57.4]                      | [57.4]                                  | [57.4]                                  |
| 3.2-3.4  | Dry Lab Research Space                                | 89.6                        | 72.0                                    | 72.0                                    |
| 4.1-4.6  | Academic Offices & Related Space                      | <u>166.9</u>                | <u>207.0</u>                            | <u>225.0</u>                            |
| <b>Total Area Requirements</b>   |   | <b>256.5</b>                | <b>279.0</b>                            | <b>297.0</b>                            |
| Table Notes:   |   |                             |   |   |
| 1. Infectious Diseases uses FoMD wet & dry lab research space in the Katz building that is part of the LKSIV facilities (e.g. Kumar & Humar), FoMD wet lab research space in the HMRC that is part of the In Vivo NMR Research Group (e.g. Kunimoto) and FoMD wet lab space in the WMC (e.g. Preiksaitis). |   |                             |   |   |

## 5.10 DoM DIVISION OF NEPHROLOGY

### 5.10.1 Narrative

Nephrology concerns the diagnosis and treatment of kidney diseases, including electrolyte disturbances and hypertension, and the care of those requiring renal replacement therapy, including dialysis and renal transplant patients. Many diseases affecting the kidney are systemic disorders not limited to the organ itself, and may require special treatment. Patients are referred to nephrology specialists for various reasons, such as acute renal failure, chronic kidney disease, hematuria, proteinuria, kidney stones, hypertension, and disorders of acid/base or electrolytes.

The division is comprised of 21 full time faculty (plus 1 vacant position under active recruitment) with additional education and clinical support provided by a complement of part time faculty.

#### Education

Members of the division contribute an estimated 1,000 hours of classroom teaching and many more at the bedside. Teaching activities include:

- Classroom and small group teaching of medical students
- Supervision of medical students, general internal medicine residents, and nephrology subspecialty residents
- A formal subspecialty training program in nephrology which is continually training the next generation of nephrologists
- A formal yearlong subspecialty training program in renal transplantation
- Supervision of graduate students.

#### Research

Members of the Division of Nephrology are engaged in basic, translational, and clinical research. Research interests of division members include:

- Improving the care of people with chronic kidney disease and its major causes
- Designing new strategies to improve the efficiency of healthcare delivery; and determinants of access to high quality care
- Health economics of Chronic Kidney Disease, specifically costing and resource utilization, decision analytic modeling, and economic evaluation
- Studying blood vessel injury in kidney disease
- Endothelial Cell biology in the context of acute and chronic inflammation.

#### Clinical Care

The Division of Nephrology has established and expanded services in rural areas, including the very successful Diabetic Nephropathy Prevention Clinics, which allow patients with diabetes to be seen early to prevent the development of kidney failure as well as Rural Nephrology Services in several rural areas that allow patients to be seen in their local communities rather than travelling to Edmonton.

5.10 DoM DIVISION OF NEPHROLOGY

**5.10.2 Faculty, Staff & Graduate Student/Trainee Numbers**

The GSP identifies a current total of 121 persons and a projected total of approximately 135 persons within the division, which includes growth of 4 full time faculty and 2 administrative support positions.

The projected total of 135 persons includes approximately 79 research staff supporting the wet and dry lab research work of the Nephrology PI's, including for example, Dr. B. Braam, Dr. S. Davison, Dr. S. Gourishankar, Dr. P. Halloran, Dr. N. Jahroudi, Dr. S. Klarenbach, Dr. V. Luyckx, Dr. T. Mueller, Dr. A. Murray, Dr. N. Pannu and Dr. M. Tonelli.

**Table 5.10-1 - Faculty, Staff & Student/Trainee Summary - DoM Division of Nephrology**

|   | 2012/13    | 2017/18    |
|---|------------|------------|
| <b>DoM Division of Nephrology</b>                             |            |            |
| • Administrative Staff, incl 1 vacant position                | 15         | 17         |
| • F-T Faculty, incl the Division Director & 1 vacant position | 22         | 26         |
| • P-T Faculty, incl Clinical, Adjunct, Emeritus               | 9          | 9          |
| • Nephrology Residents (Trainees)                             | 4          | 4          |
| • Research Staff, incl Graduate Students                      | ~71        | ~79        |
| <b>Total</b>  | <b>121</b> | <b>135</b> |

**5.10.3 Current Facilities**

The Division of Nephrology faculty and administrative offices are currently located on the 11<sup>th</sup> and 7<sup>th</sup> floors of the CSB. In addition, 5 full time faculty are located with their research facilities in the HMRC.

The division utilizes a significant amount of FoMD wet lab research space in the HMRC and LKS buildings including the Nephrology research labs and the ATAGC wet lab. The GSP identifies 6 PI's and approximately 34 research staff based in these labs.

The division also has a large dry lab group led by M. Tonelli, referred to as the Kidney Health Research Group (KHRG). This dry lab space and its 30-35 research staff need to be relocated to the CSB.

The Nephrology Clinical Trials Group that is currently located on the 9<sup>th</sup> floor of the CSB will relocate to the WMC together with the Northern Alberta Renal Program (NARP) Clinic.

The Nephrology Residents and clinical fellows currently use 2 small offices on the 5<sup>th</sup> floor of the WMC (5A1.06 & 5C1.21).

**5.10.4 Projected Facility Requirements**

The projected total area requirement for the Division of Nephrology for 2017/18 is approximately 813.0 net assignable square metres based on the space guideline allocations. Included within this is the following:



5.10 DoM DIVISION OF NEPHROLOGY

- Its dry lab research space that needs to relocate out of the RTF as well as what is currently in the CSB.
- The division’s full time and part time faculty and administrative offices and workstations, identifying also those that are already provided for in the wet lab research facilities in HMRC, i.e. 5 PI’s have their offices in the HMRC.
- GSP guideline allocations for the division’s 4 Residents and for divisional support facilities.

In addition to the division’s 813.0 net assignable square metres, Nephrology utilizes approximately 1,626.7 net assignable square metres of FoMD wet lab research space located in the HMRC and LKS buildings, including the Nephrology research labs and the ATAGC wet lab

**Table 5.10-2 - Space Summary, DoM Division of Nephrology**

|   |   | Existing<br>2012/13<br>Sq M | Immediate<br>Reqm’ts<br>2012/13<br>Sq M | Projected<br>Reqm’ts<br>2017/18<br>Sq M |
|---|---|-----------------------------|---|---|
| <b>DoM Division of Nephrology</b>   |   |                             |   |   |
| 3.1   | Wet Lab Research Space (Faculty managed) <sup>1</sup> | [1,626.7]                   | [1,626.7]                               | [1,626.7]                               |
| 3.2-3.4   | Dry Lab Research Space <sup>2</sup>                   | 345.3                       | 264.0                                   | 312.0                                   |
| 4.1-4.6   | Academic Offices & Related Space <sup>3</sup>         | <u>553.3</u>                | <u>441.0</u>                            | <u>501.0</u>                            |
| <b>Total Area Requirements</b>  |   | <b>898.6</b>                | <b>705.0</b>                            | <b>813.0</b>                            |
| Table Notes:  |   |                             |   |   |
| 1. Nephrology utilizes FoMD wet lab research space located in the HMRC and LKS that is managed by the Faculty.  |   |                             |   |   |
| 2. Some of the existing dry lab area includes portions of internal circulation, e.g. in the RTF.  |   |                             |   |   |
| 3. The existing area of academic offices & related services space includes portions of internal circulation, e.g. on the 11 <sup>th</sup> floor of the CSB. |   |                             |   |   |

## 5.11 DoM DIVISION OF NEUROLOGY

### 5.11.1 Narrative

Neurology is a medical specialty dealing with disorders of the nervous system. To be specific, it deals with the diagnosis and treatment of all categories of disease involving the central, peripheral, and autonomic nervous systems, including their coverings, blood vessels, and all effector tissue, such as muscle.

The division is comprised of 27 full time faculty with additional education and teaching support provided by a complement of part time faculty

#### Education

The Division of Neurology is actively involved in three levels of teaching. The undergraduate program has a very active neuroscience component where members actively participate in didactic lecture series, small group sessions and in assessment and evaluation of the trainees.

The division's postgraduate program is currently one of the largest in the country with 15 full time residents in training. Residents are exposed to wide variety of medical and neurological practices and have consistently rated their experience to be excellent or outstanding. In addition, the division has one of the largest stroke fellowship programs in the country with nine stroke fellows receiving additional training in cerebrovascular diseases.

Graduate students and postdoctoral fellows are also an essential part of the research program with such individuals in the stroke research laboratory, in Alzheimer's and immunology research.

#### Research

The division has a significant research component with multiple members working divisionally or as groups enhancing research in vascular diseases, epilepsy, movement disorders and neurodegenerative diseases including Alzheimer's diseases, neuromuscular diseases and outcomes research.

The Division of Neurology has the largest acute stroke program for clinical trials in North America. It is involved in a number of important research projects, including understanding the biology of endothelial progenitor stem cells (EPCS) in a variety of patients with cerebrovascular disease. These include patients with low HDL cholesterol, the use of statins, acute stroke, chronic stroke patients and those with high homocysteine in patients with vascular disease. In addition, the program also looks at the microcirculation in the central nervous system during and after an acute ischemic incident.

The institute for Degenerative Diseases/Alzheimer's Disease focuses on understanding the physiology of Alzheimer's disease, dementia, and other neurodegenerative syndromes. The division has an interest in motor neuron disease and has set up a facility for both clinical assessment and evaluation of such patients and research into the mechanisms of disease.

#### Clinical Care

Neurologists, like many specialists, care for patients with chronic disease. Many neurological conditions are best managed in multidisciplinary settings. The nature of many of these conditions is

5.11 DoM DIVISION OF NEUROLOGY

such that clinic visits with the neurologist are lengthy and detailed - perhaps best exemplified in the Amyotrophic Lateral Sclerosis (ALS) clinic.

Through emergency and clinical settings at UAH-WMC, and with other community physicians within the area, the Division of Neurology is responsible for the following clinics and programs:

- General neurology
- Multiple Sclerosis (MS) clinics
- Stroke prevention clinic
- Epilepsy (seizure) clinic
- Neuromuscular/ALS clinics
- Movement disorders clinic
- Cognitive neurology clinic
- Urgent clinic

Although services are delivered primarily within the Edmonton area, physicians work closely with community health professionals throughout Northern Alberta, British Columbia, Saskatchewan and the Northwest Territories.

**5.11.2 Faculty, Staff & Graduate Student/Trainee Numbers**

The GSP identifies a current total of 121 persons and a projected total of approximately 129 persons within the division, which includes growth of 6 full time faculty and 2 administrative support positions.

The projected total of 129 persons includes approximately 47 research staff and graduate students supporting the wet and dry lab research work of the Neurology PI's, including for example, Dr. F. Giuliani, Dr. D. Gross, Dr. J. Jhamandas, Dr. S. Kalra, Dr. S. Kar, Dr. W. Martin, Dr. C. Power, Dr. A. Shuaib, Dr. Z. Siddiqi, Dr. V. Sim, Dr. O. Suchowersky, Dr. K. Warren and Dr. D. Westaway.

**Table 5.11-1 - Faculty, Staff & Student/Trainee Summary - DoM Division of Neurology**

|   | 2012/13    | 2017/18    |
|---|------------|------------|
| <b>DoM Division of Neurology</b>                              |            |            |
| • Administrative Staff  | 17         | 19         |
| • F-T Faculty, incl the Division Director & 1 vacant position | 27         | 33         |
| • P-T Faculty, incl Clinical, Adjunct, Emeritus               | 3          | 3          |
| • Neurology Residents (Trainees)                              | 15         | 15         |
| • Postgraduate & Clinical Fellows                             | ~12        | ~12        |
| • Research Staff, incl Graduate Students                      | ~47        | ~47        |
| <b>Total</b>  | <b>121</b> | <b>129</b> |

**5.11.3 Current Facilities**

The Division of Neurology faculty and administrative offices are currently located in the WMC in 2E3. The future plan is to relocate the division's offices from the WMC into the CSB. Their existing space in the WMC is required by AHS for clinical purposes. In addition, 3 full time faculty are located with the

5.11 DoM DIVISION OF NEUROLOGY

wet lab research facilities in the HMRC and another 3 with the wet lab research facilities in the Brain and Aging Research Building (BARB). These offices will remain with the research labs.

The division utilizes a significant amount of FoMD wet lab research space in the HMRC and BARB, including of particular note the Prion Centre located in the in the Brain and Aging Research Building. The GSP identifies approximately 35 research staff together with their PI's based in these wet labs. An MS research wet lab is also currently located on the 9<sup>th</sup> floor of the CSB (K. Warren's lab).

The division has a dry lab research space in the OPR and WMC, some of which will need to relocate in to the CSB. The GSP anticipates that the Neurology research lab space in the CSB will evolve into the proposed MS Centre that will be led by C. Power.

The Neurology Residents currently have a lounge / work space located in the WMC (4G1.11) that supports their day to day work in the WMC and will be important to retain. The Neurology Fellows have touch down work space in WMC 2E3.09.

5.11.4 Projected Facility Requirements

The projected total area requirement for the Division of Neurology for 2017/18 is approximately 820.4 net assignable square metres based on the space guideline allocations. Included within this is the following:

- The division's dry lab research facilities located in the CSB, OPR, RTF and WMC.
- The division's full time and part time faculty and administrative offices and workstations, identifying also those that are already provided for in the wet lab research facilities in HMRC, i.e. 6 PI's have their offices in the HMRC and BARB.
- GSP guideline allocations for the division's 15 Residents and for divisional support facilities as well as touch down workstations for clinical fellows.

In addition to the division's projected 820.4 net assignable square metres, Nephrology currently utilizes approximately 837.2 net assignable square metres of FoMD wet lab research facilities in the HMRC, BARB and CSB.

Table 5.11-2 - Space Summary, DoM Division of Neurology

|  | Existing<br>2012/13<br>Sq M | Immediate<br>Reqm'ts<br>2012/13<br>Sq M | Projected<br>Reqm'ts<br>2017/18<br>Sq M |
|--|-----------------------------|---|---|
| <b>DoM Division of Neurology</b>   |                             |   |   |
| 3.1 Wet Lab Research Space (Faculty managed) <sup>1</sup>  | [837.2]                     | [719.3]                                 | [719.3]                                 |
| 3.2-3.4 Dry Lab Research Space   | 87.2                        | 199.0                                   | 199.0                                   |
| 4.1-4.6 Academic Offices & Related Space   | <u>483.4</u>                | <u>537.4</u>                            | <u>621.4</u>                            |
| <b>Total Area Requirements</b>   | <b>570.6</b>                | <b>736.4</b>                            | <b>820.4</b>                            |
| Table Notes:   |                             |   |   |
| 1. This includes the FoMD wet lab research space that Neurology currently utilizes in the HMRC, BARB and CSB that is managed by the Faculty. |                             |   |   |

5.12 DoM DIVISION OF PREVENTIVE MEDICINE

**5.12 DoM DIVISION OF PREVENTIVE MEDICINE**

**5.12.1 Narrative**

The Division of Preventive Medicine is devoted to the prevention of disease and injury in the community and workplace through education, training and research both nationally and internationally, and to the provision of first class health services and patient care.

The division is comprised of 4 full time faculty (plus 1 vacant position under active recruitment).

**Education**

The Division of Preventive Medicine offers MSc / PhD / MPH training in occupational and environmental health through the School of Public Health and the Department of Medicine. The division provides residency training programs and continuing medical education. Faculty teach public health to undergraduate medical students and offer graduate programs in public health.

**Research**

Faculty in the Division of Preventive Medicine have developed extensive records in etiological, intervention and applied research, often working in partnership with international funding bodies, government, industry, workers' compensation and charities.

**Clinical Care**

Faculty in the division frequently provide clinical and consultancy services in their areas of expertise through programs such as the Occupational and Environmental Medicine Clinic at the University of Alberta and the Pediatric Environmental Health Specialty Unit (PEHSU).

**5.12.2 Faculty, Staff & Graduate Student/Trainee Numbers**

The GSP identifies a current total of 22 persons and a projected total of approximately 27 persons within the division, which includes growth of 3 full time faculty and 2 administrative support positions.

**Table 5.12-1 - Faculty, Staff & Student/Trainee Summary - DoM Division of Preventive Medicine**

|   | 2012/13   | 2017/18   |
|---|-----------|-----------|
| <b>DoM Division of Preventive Medicine</b>                    |           |           |
| • Administrative Staff, incl 2 vacant positions               | 5         | 7         |
| • F-T Faculty, incl the Division Director & 1 vacant position | 5         | 8         |
| • P-T Faculty, incl Clinical, Adjunct, Emeritus               | 1         | 1         |
| • Preventive Medicine Residents (Trainees)                    | 9         | 9         |
| • Postgraduate & Clinical Fellows                             | 1         | 1         |
| • Research Staff  | ~1        | ~1        |
| <b>Total</b>  | <b>22</b> | <b>27</b> |

5.12 DoM DIVISION OF PREVENTIVE MEDICINE

**5.12.3 Current Facilities**

The Division of Preventive Medicine faculty and administrative offices and dry lab research facilities are located in the University Terrace building (UT). The existing facility also includes space for the division’s Residents. There is no plan to move the division from its current location.

**5.12.4 Projected Facility Requirements**

The projected total area requirement for the Division of Preventive Medicine for 2017/18 is approximately 331.7 net assignable square metres based on the space guideline allocations. Included within this is the following:

- The division’s existing dry lab research space located in the UT building.
- The division’s full time and part time faculty and administrative offices and workstations, including growth space.
- GSP guideline allocations for the division’s 9 Residents and for divisional support facilities.

**Table 5.12-2 - Space Summary, DoM Division of Preventive Medicine**

|   | Existing<br>2012/13<br>Sq M | Immediate<br>Reqm’ts<br>2012/13<br>Sq M | Projected<br>Reqm’ts<br>2017/18<br>Sq M |
|---|-----------------------------|---|---|
| <b>DoM Division of Preventive Medicine</b>                                      |                             |   |   |
| 3.1 Wet Lab Research Space (Faculty managed)                                    | [0.0]                       | [0.0]                                   | [0.0]                                   |
| 3.2-3.4 Dry Lab Research Space  | 116.4                       | 109.7                                   | 109.7                                   |
| 4.1-4.6 Academic Offices & Related Space <sup>1</sup>                           | <u>267.2</u>                | <u>174.0</u>                            | <u>222.0</u>                            |
| <b>Total Area Requirements</b>  | <b>383.6</b>                | <b>283.7</b>                            | <b>331.7</b>                            |
| Table Notes:  |                             |   |   |
| 1. Existing space in the UT building includes portions of internal circulation. |                             |   |   |

## 5.13 DoM DIVISION OF PULMONARY MEDICINE

### 5.13.1 Narrative

Pulmonology is the medical specialty dealing with disease involving the respiratory tract. Pulmonology is called chest medicine and respiratory medicine in some countries and areas. Pulmonology is considered a branch of internal medicine, and is related to intensive care medicine. Pulmonologists are specially trained in diseases and conditions of the chest, particularly pneumonia, asthma, tuberculosis, emphysema, and complicated chest infections.

The division is comprised of 23 full time faculty with additional education and teaching support provided by a complement of part time faculty

#### **Education**

Many members of the division are heavily involved with education both at the Department and the Faculty level. Members of the division have been recognized for this service with teaching awards from students and residents.

#### **Research**

The division continues to be a leader in research including. Division members have contributed to successful CIHR grants and also to group grants from other funding agencies.

#### **Clinical Care**

In clinical service members of the division have been able to develop specialty clinics and develop models of multidisciplinary care for patients with respiratory conditions. Through leadership from the division, an international center of excellence has been established for patients with hereditary hemorrhagic telangiectasia (HHT) that offers multispecialty care. The division has developed dedicated asthma and COPD clinics and has been able with divisional funds to have educators for these clinics.

### 5.13.2 Faculty, Staff & Graduate Student/Trainee Numbers

The GSP identifies a current total of 96 persons and a projected total of approximately 113 persons within the division, which includes growth of 8 full time faculty and 3 administrative support positions.

The projected total of 113 persons includes approximately 49 research staff (including also PDF's and graduate students) supporting the wet and dry lab research work of the Pulmonary Medicine PI's, including for example, Dr. D. Befus, Dr. G. Broderick, Dr. L. Cameron, Dr. P. Lacy, Dr. R. Long, Dr. I. Mayers, Dr. M. Stickland and Dr. H. Vliagoftis.

5.13 DoM DIVISION OF PULMONARY MEDICINE

**Table 5.13-1 - Faculty, Staff & Student/Trainee Summary - DoM Division of Pulmonary Medicine**

|   | 2012/13   | 2017/18    |
|---|-----------|------------|
| <b>DoM Division of Pulmonary Medicine</b>                         |           |            |
| • Administrative Staff  | 12        | 15         |
| • F-T Faculty, incl the Division Director                         | 23        | 31         |
| • P-T Faculty, incl Clinical, Adjunct, Emeritus                   | 10        | 10         |
| • Pulmonary Medicine Residents (Trainees), incl 1 vacant position | 8         | 8          |
| • Research Staff, incl PDF's, Graduate Students, etc.             | ~43       | ~49        |
| <b>Total</b>  | <b>96</b> | <b>113</b> |

**5.13.3 Current Facilities**

The Division of Pulmonary Medicine faculty and administrative offices are currently dispersed among five buildings. The division's 'main' office is located on the 2<sup>nd</sup> floor of the WMC in 2E4, which accommodates approximately 50% of the faculty. Four full time faculty are located with their wet lab research facilities in the HMRC, 1 in the Katz building, 4 with their dry lab research facilities in the Aberhart Centre (ABC), and 3 are in College Plaza.

The future plan is to consolidate the majority of faculty offices and dry lab research facilities in the CSB, with the exception of those faculty whose offices are located in the HMRC and Katz with their wet labs. The existing space occupied by the division in the WMC is required by AHS for clinical purposes.

The division utilizes a significant amount of FoMD wet lab research space in the HMRC that houses the Pulmonary Research Group (PRG). The PRG has a Pulmonary Medicine research team of approximately 20 persons that includes 4 Pulmonary Medicine PI's (i.e. D. Befus, L. Cameron, P. Lacy and H. Vliagoftis).

The division also has dry lab research space in the Katz (G. Broderick), in the ABC (D. Befus, R. Long, and M. Stickland) and in the RTF (I. Mayers). Overall, the dry lab research teams total approximately 30 research staff. A positive outcome of the move to the CSB will be the opportunity to create appropriately sized dry lab human subjects research facilities for the Pulmonary Medicine PI's such as M. Stickland.

The Pulmonary Medicine Residents currently have a lounge / work space located in the WMC (2E4.01 and 2E4.21) that supports their day to day work in the WMC and will be important to retain. The Pulmonary Medicine part time clinical faculty have touch down work space in WMC 2E4.38.

**5.13.4 Projected Facility Requirements**

The projected total area requirement for the Division of Pulmonary Medicine for 2017/18 is approximately 889.0 net assignable square metres based on the space guideline allocations. Included within this is the following:

- The replacement of the division's dry lab research facilities currently located in the ABC and RTF, including the development of new dry lab human subjects research space.



5.13 DoM DIVISION OF PULMONARY MEDICINE

- The division’s full time and part time faculty and administrative offices and workstations, identifying also those that are already provided for in the wet lab research facilities in HMRC and Katz, i.e. 5 PI’s have their offices in the HMRC and Katz.
- GSP guideline allocations for the division’s 8 Residents and for divisional support facilities.

In addition to the division’s projected 889.0 net assignable square metres, Pulmonary Medicine currently utilizes approximately 439.0 net assignable square metres of FoMD wet lab research facilities in the HMRC, i.e. the Pulmonary Research Group.

**Table 5.13-2 - Space Summary, DoM Division of Pulmonary Medicine**

|  | Existing<br>2012/13<br>Sq M | Immediate<br>Reqm'ts<br>2012/13<br>Sq M | Projected<br>Reqm'ts<br>2017/18<br>Sq M |
|--|-----------------------------|---|---|
| <b>DoM Division of Pulmonary Medicine</b>  |                             |   |   |
| 3.1 Wet Lab Research Space (Faculty managed) <sup>1</sup>  | [439.0]                     | [433.5]                                 | [433.5]                                 |
| 3.2-3.4 Dry Lab Research Space   | 232.0                       | 346.0                                   | 364.0                                   |
| 4.1-4.6 Academic Offices & Related Space   | <u>457.3</u>                | <u>411.0</u>                            | <u>525.0</u>                            |
| <b>Total Area Requirements</b>   | <b>689.3</b>                | <b>757.0</b>                            | <b>889.0</b>                            |
| Table Notes:   |                             |   |   |
| 1. This includes the FoMD wet lab research space that Pulmonary Medicine currently utilizes in the HMRC that is managed by the Faculty, i.e. the Pulmonary Research Group. |                             |   |   |

**5.14 DoM DIVISION OF RHEUMATOLOGY**
**5.14.1 Narrative**

Rheumatology is a sub-specialty in internal medicine devoted to the diagnosis and therapy of rheumatic diseases. Rheumatologists deal mainly with clinical problems involving joints, soft tissues, autoimmune diseases, vasculitis, and heritable connective tissue disorders. The Division of Rheumatology is a busy clinical division serving the needs of Northern Albertans with arthritis conditions.

The division is comprised of 7 full time faculty with additional education and clinical support provided by a complement of part time faculty.

**Education**

The division is very active in Educational leadership at the Faculty of Medicine and Dentistry with two physicians holding significant educational roles (Dr. S. Aaron as Association chair Education for the Department of Medicine, Dr. A. Oswald as chair of the MSK Block).

**Research**

The division has established collaborative links with Pharmacy, Rehabilitation Medicine, Radiology, Orthopaedics and the Outcomes Research Institute in Saskatoon. The division conducts wet bench research, clinical trials research and pharmaco-vigilance database studies.

**Clinical Care**

The division carries a large number of chronic patients with inflammatory/auto-immune conditions because of the complex specialist care required by these patients and restricted access to medications required to treat their conditions.

**5.14.2 Faculty, Staff & Graduate Student/Trainee Numbers**

The GSP identifies a current total of 32 persons and a projected total of approximately 39 persons within the division, which includes growth of 5 full time faculty and 2 administrative support positions.

The projected total of 39 persons includes approximately 9 research staff supporting the wet and dry lab research work of the Rheumatology Pl's.

**Table 5.14-1 - Faculty, Staff & Student/Trainee Summary - DoM Division of Rheumatology**

|   | 2012/13   | 2017/18   |
|---|-----------|-----------|
| <b>DoM Division of Rheumatology</b>                         |           |           |
| • Administrative Staff, incl 1 vacant position              | 9         | 11        |
| • F-T Faculty, incl the Division Director                   | 7         | 12        |
| • P-T Faculty, incl Clinical, Adjunct, Emeritus             | 4         | 4         |
| • Rheumatology Residents (Trainees), incl 1 vacant position | 3         | 3         |
| • Research Staff  | ~9        | ~9        |
| <b>Total</b>  | <b>32</b> | <b>39</b> |

5.14 DoM DIVISION OF RHEUMATOLOGY

**5.14.3 Current Facilities**

Most of the Division of Rheumatology faculty and administrative offices are currently located on the 5<sup>th</sup> floor of the HMRC. The Rheumatology clinical trials admin/support group is located on the 9<sup>th</sup> floor of the CSB.

The FoMD intends to use Rheumatology’s current space in the HMRC to accommodate wet lab research and accordingly the plan is to relocate the division’s offices into the CSB.

The division utilizes FoMD wet lab research space in the HMRC and also has dry lab research space in the HMRC that will remain there. Together, these labs accommodate a research team of approximately 10 persons including its PI, W. Maksymowych.

**5.14.4 Projected Facility Requirements**

The projected total area requirement for the Division of Rheumatology for 2017/18 is approximately 339.1 net assignable square metres based on the space guideline allocations. Included within this is the following:

- The division’s existing dry lab research space that will remain in the HMRC.
- The division’s full time and part time faculty and administrative offices and workstations, identifying also those that will remain with their research team and facilities.
- GSP guideline allocations for the division’s 3 Residents and for divisional support facilities.

In addition to the division’s projected 339.1 net assignable square metres, Rheumatology utilizes approximately 152.2 net assignable square metres of FoMD wet lab research facilities in the HMRC, i.e. W. Maksymowych’s research lab.

**Table 5.14-2 - Space Summary, DoM Division of Rheumatology**

|   | Existing<br>2012/13<br>Sq M | Immediate<br>Reqm’ts<br>2012/13<br>Sq M | Projected<br>Reqm’ts<br>2017/18<br>Sq M |
|---|-----------------------------|---|---|
| <b>DoM Division of Rheumatology</b>   |                             |   |   |
| 3.1 Wet Lab Research Space (Faculty managed) <sup>1</sup>   | [152.2]                     | [152.2]                                 | [152.2]                                 |
| 3.2-3.4 Dry Lab Research Space  | 41.4                        | 63.1                                    | 63.1                                    |
| 4.1-4.6 Academic Offices & Related Space <sup>2</sup>   | <u>168.3</u>                | <u>204.0</u>                            | <u>276.0</u>                            |
| <b>Total Area Requirements</b>  | <b>209.7</b>                | <b>267.1</b>                            | <b>339.1</b>                            |
| Table Notes:  |                             |   |   |
| 1. This includes the wet lab research space utilized by Rheumatology in the HMRC that is managed by the Faculty.                |                             |   |   |
| 2. The existing area of academic offices & related services space includes portions of internal circulation, e.g. in HMRC 562A. |                             |   |   |

## 6.0 GSP SPACE SUMMARY

The DoM's existing and projected space requirements are summarized in the following two tables. Table 4.3-1 provides a condensed summary showing each DoM division's space requirements, *excluding all wet lab and some dry lab research space<sup>1</sup> that is managed by the Faculty*. Table 4.3-2 is an expanded summary that identifies each division's total space requirements within the categories of Wet Lab Research Space, Dry Lab Research Space and Academic Offices & Related Space. *Explanatory notes, important to understanding both tables, are at the bottom of this page.*

**Table 4.3-1 - Department of Medicine - Condensed GSP Space Summary** (in net assignable square metres)

| DoM Division                          | Existing <sup>2</sup> | Immediate                      | Projected                      |
|---------------------------------------|-----------------------|--------------------------------|--------------------------------|
|                                       | 2012/13<br>Net Sq M   | Reqm'ts<br>2012/13<br>Net Sq M | Reqm'ts<br>2017/18<br>Net Sq M |
| Administrative Services               | 607.1                 | 563.6                          | 563.6                          |
| Division of Cardiology                | 941.8                 | 900.6                          | 1,080.6                        |
| Division of Dermatology               | 170.9                 | 165.5                          | 195.5                          |
| Division of Endocrinology             | 578.7                 | 572.1                          | 644.1                          |
| Division of Gastroenterology          | 1,128.1               | 876.4                          | 1,008.4                        |
| Division of General Internal Medicine | 472.6                 | 490.8                          | 604.8                          |
| Division Geriatric Medicine           | 125.0                 | 126.0                          | 210.0                          |
| Division of Hematology                | 272.5                 | 210.0                          | 330.0                          |
| Division of Infectious Diseases       | 256.5                 | 279.0                          | 297.0                          |
| Division of Nephrology                | 898.6                 | 705.0                          | 813.0                          |
| Division of Neurology                 | 570.6                 | 736.4                          | 820.4                          |
| Division of Preventive Medicine       | 383.6                 | 283.7                          | 331.7                          |
| Division of Pulmonary Medicine        | 689.3                 | 757.0                          | 889.0                          |
| Division of Rheumatology              | 209.7                 | 267.1                          | 339.1                          |
| <b>TOTALS</b>                         | <b>7,305.0</b>        | <b>6,933.2</b>                 | <b>8,127.2</b>                 |

### Notes to Tables 4.3-1 and 4.3-2:

1. All wet lab and some dry lab research space is not included in the divisional totals as this space is managed by the Faculty and doesn't specifically belong to a department/division. *This space is shown in square brackets in Table 4.3-2.* Wet lab research space is assigned by the FoMD to research groups based on research themes and may involve team members from different divisions/departments.
2. In some DoM divisions, certain existing areas reported in CAFM include portions of internal circulation and therefore, are a combination of net assignable and component gross area. In those cases, it may be difficult to compare the division's total existing area with its guideline allocation areas since the guideline allocations do not include any internal circulation.
3. The Cardiology dry lab area in square brackets is the estimated dry lab research space used by Cardiology in the Canadian VIGOUR Centre in HMRC and LKS buildings that is managed by the Faculty.
4. The Hematology dry lab area in square brackets is the estimated dry lab research space used by Hematology (i.e. B. Ritchie) in the Alberta Diabetes Institute in LKS that is managed by the Faculty.
5. The Infectious Diseases dry lab area in square brackets is the estimated dry lab research space used by Infectious Diseases in the LKSIV in KATZ building that is managed by the Faculty.

**6.0 GSP SPACE SUMMARY**
**Table 4.3-2 - Department of Medicine - Expanded GSP Space Summary (in net assignable square metres)**

| <b>DoM Division</b>                          | <b>Existing<sup>2</sup><br/>2012/13<br/>Sq M</b> | <b>Immediate<br/>Reqm'ts<br/>2012/13<br/>Sq M</b> | <b>Projected<br/>Reqm'ts<br/>2017/18<br/>Sq M</b> |
|--|--|---|---|
| <b>Administrative Services</b>               |  |   |   |
| 4.1-4.6 Academic Offices & Related Space     | <u>607.1</u>                                     | <u>563.6</u>                                      | <u>563.6</u>                                      |
| <b>Subtotal</b>                              | <b>607.1</b>                                     | <b>563.6</b>                                      | <b>563.6</b>                                      |
| <b>Division of Cardiology</b>                |  |   |   |
| 3.1 Wet Lab Research Space                   | [448.3]  | [448.3]   | [448.3]   |
| 3.2-3.4 Dry Lab Research Space <sup>3</sup>  | [201.7]  | [214.4]   | [214.4]   |
| 3.2-3.4 Dry Lab Research Space               | 233.3  | 205.1   | 205.1   |
| 4.1-4.6 Academic Offices & Related Space     | <u>708.5</u>                                     | <u>695.5</u>                                      | <u>875.5</u>                                      |
| <b>Subtotal</b>                              | <b>941.8</b>                                     | <b>900.6</b>                                      | <b>1,080.6</b>                                    |
| <b>Division of Dermatology</b>               |  |   |   |
| 3.1 Wet Lab Research Space                   | [44.0]   | [44.0]  | [44.0]  |
| 4.1-4.6 Academic Offices & Related Space     | <u>170.9</u>                                     | <u>165.5</u>                                      | <u>195.5</u>                                      |
| <b>Subtotal</b>                              | <b>170.9</b>                                     | <b>165.5</b>                                      | <b>195.5</b>                                      |
| <b>Division of Endocrinology</b>             |  |   |   |
| 3.1 Wet Lab Research Space                   | [274.7]  | [268.7]   | [268.7]   |
| 3.2-3.4 Dry Lab Research Space               | 300.1  | 235.6   | 235.6   |
| 4.1-4.6 Academic Offices & Related Space     | <u>278.6</u>                                     | <u>336.5</u>                                      | <u>408.5</u>                                      |
| <b>Subtotal</b>                              | <b>578.7</b>                                     | <b>572.1</b>                                      | <b>644.1</b>                                      |
| <b>Division of Gastroenterology</b>          |  |   |   |
| 3.1 Wet Lab Research Space                   | [1,287.1]  | [1,282.7]   | [1,282.7]   |
| 3.2-3.4 Dry Lab Research Space               | 292.7  | 251.0   | 251.0   |
| 4.1-4.6 Academic Offices & Related Space     | <u>835.4</u>                                     | <u>625.4</u>                                      | <u>757.4</u>                                      |
| <b>Subtotal</b>                              | <b>1,128.1</b>                                   | <b>876.4</b>                                      | <b>1,008.4</b>                                    |
| <b>Division of General Internal Medicine</b> |  |   |   |
| 3.2-3.4 Dry Lab Research Space               | 128.8  | 108.0   | 108.0   |
| 4.1-4.6 Academic Offices & Related Space     | <u>343.8</u>                                     | <u>382.8</u>                                      | <u>496.8</u>                                      |
| <b>Subtotal</b>                              | <b>472.6</b>                                     | <b>490.8</b>                                      | <b>604.8</b>                                      |
| <b>Division of Geriatric Medicine</b>        |  |   |   |
| 3.2-3.4 Dry Lab Research Space               | 16.4   | 6.0   | 18.0  |
| 4.1-4.6 Academic Offices & Related Space     | <u>108.6</u>                                     | <u>120.0</u>                                      | <u>192.0</u>                                      |
| <b>Subtotal</b>                              | <b>125.0</b>                                     | <b>126.0</b>                                      | <b>210.0</b>                                      |
| <b>Division of Hematology</b>                |  |   |   |
| 3.1 Wet Lab Research Space                   | [267.0]  | [267.0]   | [267.0]   |
| 3.2-3.4 Dry Lab Research Space <sup>4</sup>  | [33.6]   | [33.6]  | [33.6]  |
| 3.2-3.4 Dry Lab Research Space               | 0.0  | 0.0   | 36.0  |
| 4.1-4.6 Academic Offices & Related Space     | <u>272.5</u>                                     | <u>210.0</u>                                      | <u>294.0</u>                                      |
| <b>Subtotal</b>                              | <b>272.5</b>                                     | <b>210.0</b>                                      | <b>330.0</b>                                      |

**6.0 GSP SPACE SUMMARY**

| <b>DoM Division</b>   | <b>Existing<sup>2</sup><br/>2012/13<br/>Sq M</b> | <b>Immediate<br/>Reqm'ts<br/>2012/13<br/>Sq M</b> | <b>Projected<br/>Reqm'ts<br/>2017/18<br/>Sq M</b> |
|---|--|---|---|
| <b>Division of Infectious Diseases</b>  |  |   |   |
| 3.1 Wet Lab Research Space  | [324.5]  | [324.5]   | [324.5]   |
| 3.2-3.4 Dry Lab Research Space <sup>5</sup>                                     | [57.4]   | [57.4]  | [57.4]  |
| 3.2-3.4 Dry Lab Research Space  | 89.6   | 72.0  | 72.0  |
| 4.1-4.6 Academic Offices & Related Space  | <u>166.9</u>                                     | <u>207.0</u>                                      | <u>225.0</u>                                      |
| <b>Subtotal</b>   | <b>256.5</b>                                     | <b>279.0</b>                                      | <b>297.0</b>                                      |
| <b>Division of Nephrology</b>   |  |   |   |
| 3.1 Wet Lab Research Space  | [1,626.7]  | [1,626.7]   | [1,626.7]   |
| 3.2-3.4 Dry Lab Research Space  | 345.3  | 264.0   | 312.0   |
| 4.1-4.6 Academic Offices & Related Space  | <u>553.3</u>                                     | <u>441.0</u>                                      | <u>501.0</u>                                      |
| <b>Subtotal</b>   | <b>898.6</b>                                     | <b>705.0</b>                                      | <b>813.0</b>                                      |
| <b>Division of Neurology</b>  |  |   |   |
| 3.1 Wet Lab Research Space  | [837.2]  | [719.3]   | [719.3]   |
| 3.2-3.4 Dry Lab Research Space  | 87.2   | 199.0   | 199.0   |
| 4.1-4.6 Academic Offices & Related Space  | <u>483.4</u>                                     | <u>537.4</u>                                      | <u>621.4</u>                                      |
| <b>Subtotal</b>   | <b>570.6</b>                                     | <b>736.4</b>                                      | <b>820.4</b>                                      |
| <b>Division of Preventive Medicine</b>  |  |   |   |
| 3.2-3.4 Dry Lab Research Space  | 116.4  | 109.7   | 109.7   |
| 4.1-4.6 Academic Offices & Related Space  | <u>267.2</u>                                     | <u>174.0</u>                                      | <u>222.0</u>                                      |
| <b>Subtotal</b>   | <b>383.6</b>                                     | <b>283.7</b>                                      | <b>331.7</b>                                      |
| <b>Division of Pulmonary Medicine</b>   |  |   |   |
| 3.1 Wet Lab Research Space  | [439.0]  | [433.5]   | [433.5]   |
| 3.2-3.4 Dry Lab Research Space  | 232.0  | 346.0   | 364.0   |
| 4.1-4.6 Academic Offices & Related Space  | <u>457.3</u>                                     | <u>411.0</u>                                      | <u>525.0</u>                                      |
| <b>Subtotal</b>   | <b>689.3</b>                                     | <b>757.0</b>                                      | <b>889.0</b>                                      |
| <b>Division of Rheumatology</b>   |  |   |   |
| 3.1 Wet Lab Research Space  | [152.2]  | [152.2]   | [152.2]   |
| 3.2-3.4 Dry Lab Research Space  | 41.4   | 63.1  | 63.1  |
| 4.1-4.6 Academic Offices & Related Space  | <u>168.3</u>                                     | <u>204.0</u>                                      | <u>276.0</u>                                      |
| <b>Subtotal</b>   | <b>209.7</b>                                     | <b>267.1</b>                                      | <b>339.1</b>                                      |
| <b>Total Wet Lab Research Space (Faculty Managed<sup>1</sup>)</b>               | <b>[5,700.7]</b>                                 | <b>[5,566.9]</b>                                  | <b>[5,566.9]</b>                                  |
| <b>Total Dry Lab Research Space (Faculty Managed<sup>3,4,5</sup>)</b>           | <b>[292.7]</b>                                   | <b>[305.4]</b>                                    | <b>[305.4]</b>                                    |
| <b>Total Dry Lab Research Space (Department/Division Managed)</b>               | <b>1,883.2</b>                                   | <b>1,859.5</b>                                    | <b>1,973.5</b>                                    |
| <b>Total Academic Offices &amp; Related Space (Department/Division Managed)</b> | <b>5,421.8</b>                                   | <b>5,073.7</b>                                    | <b>6,153.7</b>                                    |
| <b>TOTALS</b><br>(excludes Faculty managed wet & dry lab research space)        | <b>7,305.0</b>                                   | <b>6,933.2</b>                                    | <b>8,127.2</b>                                    |



## 7.0 GSP RECOMMENDATION

It is recommended that the FoMD Department of Medicine GSP be approved as the basis for developing future accommodation plans, including the Functional Program for the CSB Backfill Project.

## FoMD PLANNING CODES

Planning for, or in, the FoMD requires access to and analysis of comprehensive and accurate HR information for consistent and equitable distribution of space and other resources.

Used for the first time on this project, the FoMD planning codes arose out of an ongoing need to reduce the enormous time and effort required to collect, compile, analyze, interpret, validate, communicate and document detailed staffing information for programming and planning.

This coding system is intended to serve other planning activities for the FoMD in addition to facility programming and space allocation. Therefore, codes were intentionally not defined for a particular “space allocation” and applied to a wide variety of individuals. The coding is defined purely on HR data and FoMD relationship characteristics of people. In this manner the codes can be used for other purposes requiring interpretation of staffing information.

Definitions found in 5. Academic Staff, Academic Staff Agreements, and Support Staff, of the GFC (General Facilities Council) Policy Manual provided the foundation for these codes.

Codes were structured to follow the GFC definitions; however to facilitate a variety of planning activities, GFC codes were expanded to further delineate staffing classifications. Expansion of these codes allows planners to distinguish particular positions or identify groups of people which may be allocated space or not, or other consideration due to the nature of their position / role.

Currently, Support Staff codes are loosely aligned with the GFC Policy Manual, however since support staff definitions are not as complex as academic staff the codes were defined around Level and FTE, but may be modified in the future.

Additionally, some codes were created to capture types of people not identified in the GFC manual, for instance external (typically AHS) members of Clinical Trials Teams. It is hoped that in the future these individuals who are not found within HR data, can be captured within the Faculty’s FARM (Faculty Administration Resource Manager) system.

Codes for Graduate Students, PGME trainees and Postdoctoral Fellows were also drafted since these individuals consistently appear in planning exercises. It is often necessary to clearly and accurately define who is excluded, or to establish headcounts.

The DoM GSP and CSB Backfill Project serve as a test for this methodology which, once fully developed, implemented and automated, is expected to speed data collection, compilation and validation. It is also anticipated that the planning process will be improved through less lengthy and costly data collection, more reliable and clearly documented program data, and ease of review and sign-off.

A column containing the FoMD planning codes has been inserted in the GSP Detailed Space Tables.

The draft codes are presented in the following table, some of which are used in this GSP.





APPENDIX A - FOMD PLANNING CODES

|   | type     | CLOSED   |        |   |   |      |       | OPEN / CLOSED |         | OPEN     |     | Touch Down | No Space    | Comments                                      |
|---|----------|--|--------|---|---|------|-------|---------------|---------|----------|-----|------------|-------------|---|
|   |          | areas provided as ranges (from FoMD Space Policy)                                    |        |   |   |      |       | shared office |         | Small WS |     |            |             |   |
|   | sq.m.    | 14-20  | 12-16  | X | X | 9-12 | 6     | 9-12          | 4-6     | 5-6      | 2-4 |            |             | 0   |
| Faculty Mgmt  | A1.1-a   | Dean   | A1.1-a |   |   |      |       |               |         |          |     |            |             |   |
|   | A1.1-b   | Vice-Dean  |        |   |   |      |       |               |         |          |     |            |             |   |
|   | A1.1-c   | Assoc Dean   |        |   |   |      |       |               |         |          |     |            |             |   |
|   | A1.1-d   | Assist Dean  |        |   |   |      |       |               |         |          |     |            |             |   |
|   | A1.2-X   | Chief Operating Officer  |        |   |   |      |       |               |         |          |     |            |             |   |
| Level 2 Mgmt  | A1.1-f   | Chair / Acting Chair / Interim Chair   |        |   |   |      |       |               |         |          |     |            |             |   |
|   | A1.1-g   | Assoc Chair  |        |   |   |      |       |               |         |          |     |            |             |   |
|   |          | Vice Chair (none currently)  |        |   |   |      |       |               |         |          |     |            |             |   |
|   | A1.1-h   | Faculty Division Director<br>Faculty Division Assoc / Asst Director (none currently) |        |   |   |      |       |               |         |          |     |            |             |   |
| Level 3 Mgmt  | DDvD     | Department Division Director<br>Department Division Asst Director                    |        |   |   |      | DDvD  |               |         |          |     |            |             | Not defined in HR Data must be manually coded |
|   | A1.1     | Faculty FT   |        |   |   |      | A1.1  |               |         |          |     |            |             |   |
| Academic  | A1.2     | APO  |        |   |   |      |       | A1.2          |         |          |     |            |             |   |
|   | A1.3     | FSO  |        |   |   |      |       | A1.3          |         |          |     |            |             |   |
|   | A1.4     | LIBRARIAN currently n/a  |        |   |   |      |       |               |         |          |     |            |             |   |
|   | A1.5     | Soft Tenure Faculty (continuing)   |        |   |   |      | A1.5  |               |         |          |     |            |             |   |
|   | A1.6     | Soft Tenure Faculty PT (continuing)  |        |   |   |      | A1.6  |               |         |          |     |            |             |   |
|   | A2.1     | Contract Teaching FT   |        |   |   |      | A2.1* | A2.1          |         |          |     |            |             | Full or Part-time ≥.6 FTE                     |
|   | A2.2     | Contract Teaching PT   |        |   |   |      | A2.2* | A2.2          |         |          |     |            |             | if < .6 FTE                                   |
|   | A2.3     | Sessional Admin FT   |        |   |   |      |       | A2.3          |         |          |     |            |             | Full or Part-time ≥.6 FTE                     |
|   | A2.4     | Sessional Admin PT   |        |   |   |      |       | A2.4          |         |          |     |            |             | if < .6 FTE                                   |
|   | A3.1     | Trust Teaching / Research Academic   |        |   |   |      | A3.1  |               |         |          |     |            |             | Full or Part-time ≥.6 FTE                     |
|   | A3.1-PT  | Trust Teaching / Research Academic - part-time                                       |        |   |   |      |       | A3.1-PT       |         |          |     |            |             | if < .6 FTE                                   |
|   | A3.2     | Trust Research Academic (Dry Lab Research only)                                      |        |   |   |      |       |               | A3.2    |          |     |            |             | Wet Research = 0                              |
|   | A3.2-PT  | Trust Research Academic - part-time (Dry Lab Research only)                          |        |   |   |      |       |               | A3.2-PT |          |     |            |             | Wet Research = 0                              |
|   | A3.3     | Trust Administrator (currently none < 1 FTE)   |        |   |   |      |       |               | A3.3    |          |     |            |             |   |
|   | A3.4     | Library/Information Professional   |        |   |   |      |       |               | A3.4    |          |     |            |             |   |
|   | C1.1     | Special "Continuing"   |        |   |   |      |       |               | C1.1    |          |     |            |             |   |
|   | C1.2     | Clinical Academic Colleagues   |        |   |   |      |       |               |         |          |     | C1.2       |             |   |
|   | C1.3     | Clinical Preceptors  |        |   |   |      |       |               |         |          |     |            |             |   |
|   | C1.4     | Adjunct Colleague  |        |   |   |      |       |               |         |          |     | C1.4       |             |   |
|   | C1.5     | Secondee   |        |   |   |      |       |               |         |          |     |            |             |   |
|   | D1.1     | Operating Term (do Term Admin Prof get space ?)                                      |        |   |   |      |       |               |         |          |     | D1.1       |             | Low FTE                                       |
|   | D1.2     | Trust Term (do Term Admin Prof get space ?)  |        |   |   |      |       |               |         |          |     | D1.2       |             | Low FTE                                       |
|   | D1.3     | Casual Academic Hourly   |        |   |   |      |       |               |         |          |     | D1.3       |             |   |
|   | ARP      | ARP Physician (not identified in HR Data)  |        |   |   |      |       | ARP           |         |          |     |            |             |   |
|   | FFS      | FFS Physician (not identified in HR Data)  |        |   |   |      |       |               |         |          |     |            | FFS         |   |
|   | EMER     | Emeritus   |        |   |   |      |       |               |         |          |     |            | EMER        |   |
| Trainees  | PDF      | Post Doctoral Fellow   |        |   |   |      |       | PDF           |         |          |     |            |             |   |
|   | GRAD     | Grad Student   |        |   |   |      |       |               |         | GRAD     |     |            |             |   |
|   | T-EX/VIS | Visiting Professor   |        |   |   |      |       |               |         |          |     | yes        |             |   |
|   | PG-RES   | Medical Resident   |        |   |   |      |       |               |         |          |     | yes        |             |   |
|   | PG-CF    | Clinical Fellow (PGME)   |        |   |   |      |       |               |         |          |     | yes        |             |   |
|   | T-VR     | Visiting Researcher  |        |   |   |      |       |               |         |          |     | 0          | part of Lab |   |
|   | T-RAR    | Research Award Recipient   |        |   |   |      |       |               |         |          |     | 0          | part of Lab |   |
|   | T-SFR    | Self Funded Research   |        |   |   |      |       |               |         |          |     | 0          | part of Lab |   |
|   | T-CAS    | Casual Academic (hourly)   |        |   |   |      |       |               |         |          |     | 0          | part of Lab |   |
|   | UG       | Undergrad Student  |        |   |   |      |       |               |         |          |     | 0          | UG          |   |
| Admin Support   | SrAD     | Sr Admin Support Level 11-15   |        |   |   |      |       | SrAD          |         |          |     |            |             |   |
|   | SrAD-a   | Special Admin Support (Exceptions based on requirements)                             |        |   |   |      |       | SrAD-a        |         |          |     |            |             |   |
|   | SUP-FT   | Support - Full-time  |        |   |   |      |       |               |         | SUP-FT   |     |            |             | Full or Part-time ≥.6 FTE                     |
|   | SUP-PT   | Support - Part-time  |        |   |   |      |       |               |         | SUP-PT*  |     |            |             | Part-time <.6 FTE                             |
| Space allowance applies to Admin positions<br>Space for support positions which are part of Research Teams will be programmed with Lab requirements<br>Part time (<.6 FTE) may share workstations |          |  |        |   |   |      |       |               |         |          |     |            |             |   |
| RET   | Retired  |  |        |   |   |      |       |               |         |          |     |            |             |   |



## DETAILED DoM GSP SPACE TABLES

The detailed space tables for the DoM's 13 divisions and Administrative Services are provided on the following 58 pages.

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.1 DoM ADMINISTRATIVE SERVICES

| SPACE CATEGORY  |                      |                          |                            | Current Location<br>Bldg Room No. |                      | GSP Space (Net Sq M) <sup>1</sup> |             |             | Comments / Space Attributes                                     |
|---|----------------------|--------------------------|----------------------------|-----------------------------------|----------------------|-----------------------------------|-------------|-------------|---|
| Space Use / Function  | Position Type        | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   |                      | 2012/13                           |             | Projected   |   |
|   |                      |                          |                            | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18                |             |             |   |
| <b>3. RESEARCH SPACE - DoM Administrative Services</b>                                |                      |                          |                            |                                   |                      |                                   |             |             |   |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b>                   |                      |                          |                            |                                   |                      |                                   |             |             |   |
| None identified   |                      |                          |                            |                                   |                      |                                   |             |             |   |
| <b>Subtotal</b>   |                      |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>  | <b>0.0</b>  |   |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b>                              |                      |                          |                            |                                   |                      |                                   |             |             |   |
| None identified   |                      |                          |                            |                                   |                      |                                   |             |             |   |
| <b>Subtotal</b>   |                      |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>  | <b>0.0</b>  |   |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b>            |                      |                          |                            |                                   |                      |                                   |             |             |   |
| None identified   |                      |                          |                            |                                   |                      |                                   |             |             |   |
| <b>Subtotal</b>   |                      |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>  | <b>0.0</b>  |   |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b>             |                      |                          |                            |                                   |                      |                                   |             |             |   |
| None identified   |                      |                          |                            |                                   |                      |                                   |             |             |   |
| <b>Subtotal</b>   |                      |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>  | <b>0.0</b>  |   |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>  |                      |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>  | <b>0.0</b>  |   |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE - DoM Administrative Services</b> |                      |                          |                            |                                   |                      |                                   |             |             |   |
| <b>4.1 Chair's Office &amp; Office of Research</b>                                    |                      |                          |                            |                                   |                      |                                   |             |             |   |
| Office  | DoM Chair            | A1.5                     | Ballermann, B              | CSB                               | 13-103L              | 19.0                              | 16.0        | 16.0        |   |
| Chair's Mtg Room  | -                    | -                        | "                          | CSB                               | 13-103K              | 14.8                              | 14.8        | 14.8        | NSM allocation based on exist'g size                            |
| Workstation   | Admin Assistant      | SUP-FT                   | Gisenya, S                 | CSB                               | 13-103ii             | -                                 | 6.0         | 6.0         | Existing space incl in 13-103 area                              |
| Workstation   | Admin Asst, Research | SUP-FT                   | Dimos, E                   | CSB                               | 13-103iv             | -                                 | 6.0         | 6.0         | Existing space incl in 13-103 area                              |
| Workstation   | Admissions Coord     | SUP-FT                   | Leskow, A                  | CSB                               | 13-103H              | 15.9                              | 6.0         | 6.0         | Multiple wkstns located in 13-103H                              |
| Workstation   | Accounting Asst      | SUP-FT                   | Nasr, L                    | CSB                               | 13-103H              | -                                 | 6.0         | 6.0         | "   |
| Office  | Trust Academic       | A3.1                     | Rourke, L                  | CSB                               | 13-130E              | 13.9                              | 12.0        | 12.0        |   |
| Office  | Trust Admin/Manager  | A3.3                     | Pincock, DG                | RTF                               | 2-103                | -                                 | 12.0        | 12.0        |   |
| <b>Subtotal</b>   |                      |                          |                            |                                   |                      | <b>63.6</b>                       | <b>78.8</b> | <b>78.8</b> |   |
| <b>4.2 Human Resources</b>  |                      |                          |                            |                                   |                      |                                   |             |             |   |
| Workstation   | HR Assistant         | SUP-FT                   | Brow, O                    | CSB                               | 13-103i              | -                                 | 6.0         | 6.0         | Existing space incl in 13-103 area                              |
| Office  | HR Assistant         | SrAD-a                   | Siik, L                    | CSB                               | 13-103C1             | 11.4                              | 9.0         | 9.0         |   |
| Workstation   | Admin Assistant      | SUP-FT                   | Spanu, D                   | CSB                               | 13-103D              | 29.0                              | 6.0         | 6.0         | Multiple workstations & internal circulation located in 13-103D |
| Workstation   | Admin Assistant      | SUP-FT                   | Stewart, D                 | CSB                               | 13-103D              | -                                 | 6.0         | 6.0         | "   |
| Office  | HR Manager           | SrAD-a                   | Vacant                     | CSB                               | 13-103E1             | 9.9                               | 12.0        | 12.0        |   |
| Workstation   | HR Assistant         | SUP-FT                   | Vacant                     | CSB                               | 13-103D              | -                                 | 6.0         | 6.0         | "   |
| <b>Subtotal</b>   |                      |                          |                            |                                   |                      | <b>50.3</b>                       | <b>45.0</b> | <b>45.0</b> |   |

**APPENDIX B - DETAILED DOM GSP SPACE TABLES**
**5.1 DoM ADMINISTRATIVE SERVICES (cont'd)**

| SPACE CATEGORY            |                       |                    |                         | Current Location |                   | GSP Space (Net Sq M) <sup>1</sup> |             |             | Comments / Space Attributes                                    |
|---------------------------|-----------------------|--------------------|-------------------------|------------------|-------------------|-----------------------------------|-------------|-------------|--|
| Space Use / Function      | Position Type         | FoMD Planning Code | Person or PI/Group Name |                  |                   | 2012/13                           |             | Projected   |  |
|                           |                       |                    |                         | Existing         | Immediate Reqm'ts | Reqm'ts 2017/18                   |             |             |  |
| <b>4.3 Finance</b>        |                       |                    |                         |                  |                   |                                   |             |             |  |
| Office                    | APO                   | A1.2               | Wong, L                 | CSB              | 13-103F           | 9.6                               | 12.0        | 12.0        |  |
| Workstation               | Accounting Asst       | SUP-FT             | Dankowich, L            | CSB              | 13-103E           | 15.2                              | 6.0         | 6.0         | Multiple wkstns located in 13-103E                             |
| Workstation               | Accounting Asst       | SUP-FT             | Jackson, S              | CSB              | 13-135            | 14.1                              | 6.0         | 6.0         | Multiple wkstns located in 13-135                              |
| Workstation               | Accounting Support    | SUP-FT             | Khatib, A               | CSB              | 13-103A           | 10.5                              | 6.0         | 6.0         |  |
| Workstation               | Accounting Asst       | SUP-FT             | Laskowski, U            | CSB              | 13-133            | 12.9                              | 6.0         | 6.0         |  |
| Workstation               | Accounting Asst       | SUP-FT             | Mckelvie, A             | CSB              | 13-103E           | -                                 | 6.0         | 6.0         | Existing space incl above                                      |
| Workstation               | Accounting Asst       | SUP-FT             | Schwandt, A             | CSB              | 13-135            | -                                 | 6.0         | 6.0         | Existing space incl above                                      |
| <b>Subtotal</b>           |                       |                    |                         |                  |                   | <b>62.3</b>                       | <b>48.0</b> | <b>48.0</b> |  |
| <b>4.4 Billing</b>        |                       |                    |                         |                  |                   |                                   |             |             |  |
| Workstation               | Accounting Asst       | SUP-FT             | Ammar, S                | CSB              | 13-130A           | 14.7                              | 6.0         | 6.0         | Multiple wkstns located in 13-130A                             |
| Workstation               | Accounting Asst       | SUP-FT             | Clark, C                | CSB              | 13-130D           | 13.3                              | 6.0         | 6.0         | Multiple wkstns located in 13-130D                             |
| Workstation               | Accounting Asst       | SUP-FT             | Gadway, W               | CSB              | 13-130C           | 14.0                              | 6.0         | 6.0         | Multiple wkstns located in 13-130C                             |
| Workstation               | Accounting Asst       | SUP-FT             | Jaglo, M                | CSB              | 13-130D           | -                                 | 6.0         | 6.0         | Existing space incl above                                      |
| Workstation               | Accounting Asst       | SUP-FT             | Melnyk, C               | CSB              | 13-130A           | -                                 | 6.0         | 6.0         | Existing space incl above                                      |
| Office                    | Accounting Asst       | A1.1               | Minchau, L              | CSB              | 13-130B           | 14.9                              | 12.0        | 12.0        |  |
| Workstation               | Accounting Asst       | SUP-FT             | Teplyske, M             | CSB              | 13-130C           | -                                 | 6.0         | 6.0         | Existing space incl above                                      |
| Workstation               | Accounting Asst       | SUP-FT             | Tuazon, B               | CSB              | 13-130B           | -                                 | 6.0         | 6.0         | Existing space incl above                                      |
| <b>Subtotal</b>           |                       |                    |                         |                  |                   | <b>56.9</b>                       | <b>54.0</b> | <b>54.0</b> |  |
| <b>4.5 Administration</b> |                       |                    |                         |                  |                   |                                   |             |             |  |
| Office                    | APO, Assistant Chair  | A1.2               | Hiscock, B              | CSB              | 13-103J           | 11.1                              | 12.0        | 12.0        |  |
| Office                    | Trust Admin/Manager   | A3.3               | Bouman, F               | CSB              | 13-127            | 11.1                              | 9.0         | 9.0         |  |
| Office                    | Trust Admin/Manager   | A3.3               | Bulger, T               | CSB              | 13-125            | 14.2                              | 9.0         | 9.0         | Multiple wkstns located in 13-125                              |
| Workstation               | Communic Coord        | SUP-FT             | Friesen, J              | CSB              | 13-103            | 109.2                             | 6.0         | 6.0         | Multiple workstations & internal circulation located in 13-103 |
| Workstation               | PR/Publications Clerk | SUP-FT             | Jones, E                | CSB              | 13-103            | -                                 | 6.0         | 6.0         | "  |
| Workstation               | Admin Assistant       | SUP-FT             | Keller, L               | CSB              | 13-125            | -                                 | 6.0         | 6.0         | Existing space incl above                                      |
| Office                    | Trust Admin/Manager   | A3.3               | McEwan, M               | CSB              | 13-103G           | 9.5                               | 6.0         | 6.0         |  |
| Workstation               | Admin Professional    | A2.4               | Morrison, C             | CSB              | 13-103H           | -                                 | 6.0         | 6.0         | Existing space incl above                                      |
| Workstation               | Web Designer          | SUP-FT             | Park, J                 | CSB              | 13-103            | -                                 | 6.0         | 6.0         | Existing space incl above                                      |
| Workstation               | Lab Tech/Recep        | SUP-FT             | Phillips, K             | CSB              | 13-103ZZ          | -                                 | 6.0         | 6.0         |  |
| Workstation               | Admin Assistant       | SUP-FT             | Racz, D                 | CSB              | 13-103D           | -                                 | 6.0         | 6.0         | Existing space incl above                                      |
| Workstation               | Admin Assistant       | SUP-FT             | Jichita, G              | CSB              | 13-103            | -                                 | 6.0         | 6.0         | Existing space incl above                                      |
| <b>Subtotal</b>           |                       |                    |                         |                  |                   | <b>155.1</b>                      | <b>84.0</b> | <b>84.0</b> |  |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.1 DoM ADMINISTRATIVE SERVICES (cont'd)**

| SPACE CATEGORY  |   |                    |                         | Current Location |               | GSP Space (Net Sq M) <sup>1</sup> |                   |                 | Comments / Space Attributes  |
|---|---|--------------------|-------------------------|------------------|---------------|-----------------------------------|-------------------|-----------------|--|
| Space Use / Function  | Position Type                                     | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No.      | 2012/13                           |                   | Projected       |  |
|   |   |                    |                         |                  |               | Existing                          | Immediate Reqm'ts | Reqm'ts 2017/18 |  |
| <b>4.6 Postgraduate Education</b>                                 |   |                    |                         |                  |               |                                   |                   |                 |  |
| Office  | Associate Professor & Program Director            | A1.5               | Rolfson, D              | WMC              | 2F1           | -                                 | 12.0              | 12.0            | Office allocation is for the position  |
| Workstation   | Clin Research Fellow                              | C1.2               | Bolster, L              | WMC              | 2F1           | -                                 | 6.0               | 6.0             | Starts in November as 0.8 FTE  |
| Office  | Educ Prog Coord                                   | SrAD-a             | Kurtz, D                | CSB              | 13-132        | 8.5                               | 9.0               | 9.0             |  |
| Workstation   | Admin Assistant                                   | SUP-FT             | Clarkson, S             | CSB              | 13-131        | 12.9                              | 6.0               | 6.0             | Multiple wkstns located in 13-131  |
| Workstation   | Admin Assistant                                   | SUP-FT             | Gargan, T               | CSB              | 13-133        | -                                 | 6.0               | 6.0             | Existing space incl above  |
| Workstation   | Program Coord                                     | SUP-FT             | Motyka, B               | CSB              | 2-116         | 15.5                              | 6.0               | 6.0             |  |
| Workstation   | Program Coord                                     | SUP-FT             | Nero, C                 | CSB              | 2-116         | -                                 | 6.0               | 6.0             | Existing space incl above  |
| Workstation   | Program Coord                                     | SUP-FT             | Tomski, A               | CSB              | 13-133        | -                                 | 6.0               | 6.0             | Existing space incl above  |
| Workstation   | Program Coord                                     | SUP-FT             | Toronchuk, S            | CSB              | 13-131        | -                                 | 6.0               | 6.0             | Existing space incl above  |
| T-D Workstation   | Total of approx 96 DoM Core Residents I, II & III |                    | DoM                     | CSB              | 2F2.33Z, etc. | -                                 | 15.0              | 15.0            | Assume existing Resident lounges remain in WMC; GSP allocation of 1 T-D workstation per 20 Residents |
| <b>Subtotal</b>   |   |                    |                         |                  |               | <b>36.9</b>                       | <b>78.0</b>       | <b>78.0</b>     |  |
| <b>4.7 Department Support Space</b>                               |   |                    |                         |                  |               |                                   |                   |                 |  |
| Reception   | -   | -                  | -                       | CSB              | 13-112        | 10.6                              | 10.6              | 10.6            | NSM allocation based on exist'g size   |
| Department Conference Room  | -   | -                  | -                       | CSB              | 13-126        | 78.1                              | 78.1              | 78.1            | DoM conference room; NSM allocation based on exist'g size  |
| Conf Rm Storage   | -   | -                  | -                       | CSB              | 13-126A       | 1.0                               | 1.0               | 1.0             | NSM allocation based on exist'g size   |
| Meeting Room  | -   | -                  | -                       | CSB              | 13-113        | 11.1                              | 11.1              | 11.1            | NSM allocation based on exist'g size   |
| Meeting Room  | -   | -                  | -                       | CSB              | 103M          | 10.9                              | 10.9              | 10.9            | NSM allocation based on exist'g size   |
| Storage, Files  | -   | -                  | -                       | CSB              | -             | -                                 | 9.0               | 9.0             | NSM guideline allocation   |
| Copy/Fax Room   | -   | -                  | -                       | CSB              | 13-103B       | 16.0                              | 9.0               | 9.0             | NSM guideline allocation   |
| Dep't Kitchenette   | -   | -                  | -                       | CSB              | 13-122        | 19.6                              | 19.6              | 19.6            | NSM allocation based on exist'g size   |
| General Office  | -   | -                  | -                       | CSB              | 13-130        | 26.5                              | 26.5              | 26.5            | Mainly internal circulation & copier; NSM allocation based on existing size                          |
| Office  | -   | -                  | Vacant                  | CSB              | 13-130G       | 8.2                               | -                 | -               |  |
| <b>Subtotal</b>   |   |                    |                         |                  |               | <b>182.0</b>                      | <b>175.8</b>      | <b>175.8</b>    |  |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |   |                    |                         |                  |               | <b>607.1</b>                      | <b>563.6</b>      | <b>563.6</b>    |  |
| <b>TOTAL: DoM, DEPARTMENT ADMINISTRATION</b>                      |   |                    |                         |                  |               | <b>607.1</b>                      | <b>563.6</b>      | <b>563.6</b>    | <b>NSM<sup>2</sup></b>   |

*Notes:*

1. All areas used in this document are net assignable square metres unless otherwise indicated.
2. The existing area of 607.1 sqm includes portions of internal circulation, e.g. in 13-103 & 13-103G.

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.2 DoM DIVISION OF CARDIOLOGY**

| SPACE CATEGORY  |                     |                          |   | Current Location<br>Bldg Room No.       | GSP Space (Net Sq M) <sup>1</sup> |                      |                                 | Comments / Space Attributes                                |
|---|---------------------|--------------------------|---|---|-----------------------------------|----------------------|---------------------------------|--|
| Space Use / Function  | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name                              |   | 2012/13                           |                      | Projected<br>Reqm'ts<br>2017/18 |  |
|   |                     |                          |   |   | Existing                          | Immediate<br>Reqm'ts |                                 |  |
| <b>3. RESEARCH SPACE</b>  |                     |                          |   |   |                                   |                      |                                 |  |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b> |                     |                          |   |   |                                   |                      |                                 |  |
| <b>Cardiovascular Research Centre</b>                               |                     |                          | <b>PI's: M. McMurtry &amp; E. Michelakis</b>            | <b>HMRC 424 &amp; 467</b>               |                                   |                      |                                 | Space incl in the Cardiovascular Research Centre           |
| Serviced Lab  | -                   | -                        | "   | HMRC 424                                | [87.5]                            | [87.5]               | [87.5]                          | NSM allocation based on exist'g size                       |
| Special Equip Room  | -                   | -                        | "   | HMRC 424A                               | [13.2]                            | [13.2]               | [13.2]                          | "  |
| Office  | -                   | -                        | "   | HMRC 424B                               | -                                 | -                    | -                               | Office incl under 4.2 Faculty, F-T                         |
| Serviced Lab  | -                   | -                        | "   | HMRC 467                                | [35.0]                            | [35.0]               | [35.0]                          | NSM allocation based on exist'g size                       |
| Special Equip Room  | -                   | -                        | "   | HMRC 467A                               | [18.3]                            | [18.3]               | [18.3]                          | "  |
| Office  | -                   | -                        | "   | HMRC 467A1                              | [6.6]                             | [6.6]                | [6.6]                           | "  |
| Serviced Lab  | -                   | -                        | "   | HMRC 467B                               | [24.3]                            | [24.3]               | [24.3]                          | "  |
| Incubator Room  | -                   | -                        | "   | HMRC 467C                               | [10.7]                            | [10.7]               | [10.7]                          | "  |
| Workstation   | Lab Technician      | SUP-FT                   | Bowers, L   | HMRC 424 / 467                          | -                                 | -                    | -                               | NSM allocation incl in lab space                           |
| T-D Workstation   | Graduate Student    | GRAD                     | Dromparis, P  | HMRC 424 / 467                          | -                                 | -                    | -                               | "  |
| Workstation   | Lab Technologist    | SUP-FT                   | Haromy, A   | HMRC 424 / 467                          | -                                 | -                    | -                               | "  |
| Workstation   | Med Lab Tech        |                          | Hashimoto, K  | HMRC 424 / 467                          | -                                 | -                    | -                               | "  |
| Office  | Professor 3         | A1.1                     | Michelakis, E   | HMRC 424 / 467                          | -                                 | -                    | -                               | Office incl under 4.2 Faculty, F-T                         |
| <b>Cardiovascular Research Centre</b>                               |                     |                          | <b>PI: G. Oudit</b>                                     | <b>HMRC 407 &amp; 460</b>               |                                   |                      |                                 | Space incl in the Cardiovascular Research Centre           |
| Serviced Lab  | -                   | -                        | "   | HMRC 407                                | [95.6]                            | [95.6]               | [95.6]                          | NSM allocation based on exist'g size                       |
| Office  | -                   | -                        | "   | HMRC 407A                               | [13.8]                            | [13.8]               | [13.8]                          | "  |
| Serviced Lab  | -                   | -                        | "   | HMRC 460                                | [61.3]                            | [61.3]               | [61.3]                          | "  |
| Office  | -                   | -                        | "   | HMRC 460A                               | [11.7]                            | [11.7]               | [11.7]                          | "  |
| Workstation   | Research Support    | SUP-FT                   | Wang, Z   | HMRC 407                                | -                                 | -                    | -                               | NSM allocation incl in lab space                           |
| T-D Workstation   | Graduate Student    | GRAD                     | Das, S  | HMRC 407                                | -                                 | -                    | -                               | "  |
| <b>Cardiovascular Research Centre</b>                               |                     |                          | <b>PI: M. McMurtry</b>                                  | <b>LKS 4-050</b>                        |                                   |                      |                                 | Space incl in the Cardiovascular Research Centre           |
| Serviced Lab & Support  | -                   | -                        | "   | LKS 4-050, etc.                         | [70.3]                            | [70.3]               | [70.3]                          | Based on one-third of 210.9 NSM, i.e. 4-050 & 4-050A/B/C/D |
| Workstation   | Med Lab Tech        | SUP-FT                   | Stenson, T  | LKS 4-050                               | -                                 | -                    | -                               | NSM allocation incl in lab space                           |
| <b>Subtotal</b>   |                     |                          |   |   | <b>[448.3]</b>                    | <b>[448.3]</b>       | <b>[448.3]</b>                  |  |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b>            |                     |                          |   |   |                                   |                      |                                 |  |
| <b>VIGOUR</b>   |                     |                          | <b>PI's: P. Armstrong, J. Ezekowitz, P. Kaul, Y. Fu</b> | <b>LKS 2-132<br/>HMRC 214 &amp; 217</b> |                                   |                      |                                 | Space incl in the Canadian VIGOUR Centre                   |
| Dry Lab / Office  | Bus & Rsrch Admin   | -                        | Price, C/<br>Krieger, J                                 | HMRC 214                                | [12.3]                            | [12.3]               | [12.3]                          | NSM allocation based on exist'g size                       |
| Office  | Trust Admin Manager | A3.3                     | Payeur, D   | HMRC 214A                               | [9.9]                             | [9.0]                | [9.0]                           | NSM guideline allocation                                   |
| Dry/Computer Lab  | -                   | -                        | VIGOUR  | HMRC 214B                               | [8.2]                             | [8.2]                | [8.2]                           | NSM allocation based on exist'g size                       |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.2 DoM DIVISION OF CARDIOLOGY (cont'd)**

| SPACE CATEGORY       |                        |                    |   | Current Location |          | GSP Space (Net Sq M) <sup>1</sup> |                |                 | Comments / Space Attributes                                  |
|----------------------|------------------------|--------------------|---|------------------|----------|-----------------------------------|----------------|-----------------|--|
| Space Use / Function | Position Type          | FoMD Planning Code | Person or PI/Group Name                           |                  |          | 2012/13                           |                | Projected       |  |
|                      |                        |                    |   | Bldg             | Room No. | Existing                          | Immediate      | Reqm'ts 2017/18 |  |
| Food Core Lab/IT Stn | -                      | -                  | J. Ezekowitz                                      | HMRC             | 217      | [7.2]                             | [7.2]          | [7.2]           | "  |
| Storage, Records     | -                      | -                  | "   | HMRC             | 217A     | [6.7]                             | [6.7]          | [6.7]           | "  |
| <b>VIGOUR</b>        |                        |                    |   |                  |          |                                   |                |                 |  |
| Reception            | -                      | -                  | "   | LKS              | 2-132    | [16.1]                            | [16.1]         | [16.1]          | NSM allocation based on exist'g size                         |
| Copy/Fax Room        | -                      | -                  | "   | LKS              | 2-132A   | [9.8]                             | [9.8]          | [9.8]           | "  |
| File Room            | -                      | -                  | "   | LKS              | 2-132B   | [10.2]                            | [10.2]         | [10.2]          | "  |
| Meeting Room         | -                      | -                  | "   | LKS              | 2-132C   | [11.9]                            | [11.9]         | [11.9]          | "  |
| Conference Room      | -                      | -                  | "   | LKS              | 2-118    |                                   |                |                 | Room # may be incorrect                                      |
| Office               | Professor 3            |                    | Armstrong, P                                      | LKS              | 2-132J   | -                                 | -              | -               | Office incl under 4.2 Faculty, F-T                           |
| Office               | Associate Professor    | A1.5               | Kaul, P   | LKS              | 2-132G   | -                                 | -              | -               | Office incl under 4.2 Faculty, F-T                           |
| Workstation          | Student                |                    | Bao, H  | LKS              | 2-132-2  | [5.3]                             | [6.0]          | [6.0]           | NSM guideline allocation                                     |
| Workstation          | Senior Biostatistician |                    | Bakal, J  | LKS              | 2-132F   | -                                 | -              | -               | J. Bakal's space incl under GIM                              |
| Workstation          | Research Assistant     | SUP-FT             | Bryden, C   | LKS              | 2-132-7  | [5.0]                             | [6.0]          | [6.0]           | NSM guideline allocation                                     |
| Workstation          | Research Support       | SUP-FT             | Dianati, M  | LKS              | 2-132E   | [12.1]                            | [6.0]          | [6.0]           | "  |
| Workstation          | Clin Trials Proj Lead  |                    | Evans, R  | LKS              | 2-132-8  | [6.6]                             | [6.0]          | [6.0]           | "  |
| Workstation          | Clin Trials Proj Lead  | SUP-FT             | Garritty, L                                       | LKS              | 2-132-5  | [4.7]                             | [6.0]          | [6.0]           | "  |
| Workstation          | Admin Assistant        | SrAD               | Good, H   | LKS              | 2-132-15 | -                                 | -              | -               | Workstn incl under 4.1 Div Admin                             |
| Workstation          | Research Assistant     | SUP-FT             | Jagasia, P  | LKS              | 2-132E   | -                                 | [6.0]          | [6.0]           | "  |
| Workstation          | Student                |                    | Khalid, A   | LKS              | 2-132-9  | [5.4]                             | [6.0]          | [6.0]           | "  |
| Workstation          | Data Analyst           |                    | Leung, B  | LKS              | 2-132-11 | [4.6]                             | [6.0]          | [6.0]           | "  |
| Workstation          | Contractor             |                    | Leung, J  | LKS              | 2-132F   | -                                 | [6.0]          | [6.0]           | "  |
| Workstation          | Research Support       | SUP-FT             | Liu, W  | LKS              | 2-132-10 | [4.5]                             | [6.0]          | [6.0]           | "  |
| Workstation          | Executive Assistant    |                    | Murphy, G   | LKS              | 2-132-16 | [5.9]                             | [6.0]          | [6.0]           | "  |
| Workstation          | Nurse Practitioner     | SUP-FT             | Nawrocki, H                                       | LKS              | 2-132D   | -                                 | [6.0]          | [6.0]           | "  |
| Workstation          | Clin Trials Proj Lead  |                    | Parrotta, J                                       | LKS              | 2-132-4  | [4.7]                             | [6.0]          | [6.0]           | "  |
| Workstation          | Biostatistician        |                    | Podder, M   | LKS              | 2-132-13 | [5.9]                             | [6.0]          | [6.0]           | "  |
| Workstation          | Clin Trials Coord      | SUP-FT             | Priest, P   | LKS              | 2-132-3  | [4.6]                             | [6.0]          | [6.0]           | "  |
| Workstation          | Research Support       | SUP-PT             | Savu, A   | LKS              | 2-132-12 | [5.8]                             | [6.0]          | [6.0]           | "  |
| Workstation          | Admin Coordinator      |                    | Thompson, M                                       | LKS              | 2-132-1  | [4.6]                             | [6.0]          | [6.0]           | "  |
| Workstation          | Nurse Practitioner     | SUP-FT             | Temple, T   | LKS              | 2-132D   | [11.7]                            | [6.0]          | [6.0]           | "  |
| Workstation          | Biostatistician        |                    | Wang, X   | LKS              | 2-126    | -                                 | -              | -               | Shared w/ GIM  |
| Workstation          | Asst Director, Biostat |                    | Westerhout, C                                     | LKS              | 2-132H   | [12.1]                            | [9.0]          | [9.0]           | "  |
| Workstation          | Statistical Analyst    | SUP-FT             | Zheng, Y  | LKS              | 2-132-14 | [5.9]                             | [6.0]          | [6.0]           | "  |
| <b>Subtotal</b>      |                        |                    |   |                  |          | <b>[201.7]</b>                    | <b>[214.4]</b> | <b>[214.4]</b>  |  |
| <b>EPICORE</b>       |                        |                    |   |                  |          |                                   |                |                 |  |
|                      |                        |                    | <b>PI's: T. Bungard, M. Rosenthal, R. Tsuyuki</b> |                  |          |                                   |                |                 | Most of EPICORE NSM incl in the Division of Cardiology space |
| Workstation          | Nurse Practitioner     | SUP-FT             | Boyko, D  | CP               | -        | -                                 | 6.0            | 6.0             | NSM guideline allocation                                     |
| Office               | Associate Professor    | A1.5               | Bungard, T  | CP               | 220Q     | 11.1                              | 12.0           | 12.0            | "  |
| Workstation          | Admin Assistant        | SUP-FT             | Dowding, G  | CP               | 220A     | 10.6                              | 6.0            | 6.0             | "  |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.2 DoM DIVISION OF CARDIOLOGY (cont'd)

| SPACE CATEGORY   |                      |                    |   | Current Location |                    | GSP Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes  |
|--|----------------------|--------------------|---|------------------|--------------------|-----------------------------------|--------------|--------------|--|
| Space Use / Function   | Position Type        | FoMD Planning Code | Person or PI/Group Name                   |                  |                    | 2012/13                           |              | Projected    |  |
|  |                      |                    |   | Existing         | Immediate Req'm'ts | Req'm'ts 2017/18                  |              |              |  |
| Workstation  | Database Analyst     | SUP-FT             | Dupuit, R                                 | CP               | 220Y               | 9.7                               | 6.0          | 6.0          | "  |
| Workstation  | Admin Assistant      | SUP-FT             | Foley, L                                  | CP               | 220V               | 16.2                              | 6.0          | 6.0          | "  |
| Workstation  | Research Support     | SUP-PT             | Ibrahim, Q                                | CP               | 220S               | 10.0                              | 6.0          | 6.0          | "  |
| Workstation  | Admin Assistant      | SUP-FT             | Larson, E                                 | CP               | 220U               | 9.9                               | 6.0          | 6.0          | "  |
| Workstation  | Research Support     | SUP-PT             | Leblanc, D                                | CP               | -                  | -                                 | 6.0          | 6.0          | "  |
| Workstation  | Research Support     | SUP-FT             | Nilsson, C                                | CP               | 220F               | 12.0                              | 6.0          | 6.0          | "  |
| Office   | Trust Research Assoc | A3.2               | Rosenthal, M                              | CP               | 220F               | -                                 | 12.0         | 12.0         | "  |
| Workstation  | Admin Assistant      | SUP-FT             | Seel, I                                   | CP               | 220V               | -                                 | 6.0          | 6.0          | "  |
| T-D Workstation  | Assoc Clin Professor | C1.2               | Shibata, M                                | CP               | 220P               | 12.4                              | 3.0          | 3.0          | "  |
| Office   | Professor 3          | A1.5               | Tsuyuki, R                                | CP               | 220M               | 12.1                              | 12.0         | 12.0         | "  |
| Workstation  | Accounting Assistant | SUP-FT             | Yiu, P                                    | CP               | 220W               | 9.9                               | 6.0          | 6.0          | "  |
| Workstation  | Comp/Network Tech    | SUP-FT             | Yushko, L                                 | CP               | 220X               | 10.5                              | 6.0          | 6.0          | "  |
| Workstation  | -                    | -                  | Vacant                                    | CP               | 220C               | 7.8                               | -            | -            | "  |
| Conference Room  | -                    | -                  | -   | CP               | 220N               | 16.3                              | 16.3         | 16.3         | NSM allocation based on exist'g size   |
| Storage, Files   | -                    | -                  | -   | CP               | 220B/E             | 19.5                              | 19.5         | 19.5         | "  |
| Staff Commons  | -                    | -                  | -   | CP               | 220D               | 22.4                              | 22.4         | 22.4         | "  |
| T-D workstations   | -                    | -                  | -   | CP               | 220G               | 29.9                              | 29.9         | 29.9         | 7 touch down workstations  |
| T-D Workstation  | Graduate Student     | GRAD               | Houle, S                                  |                  |                    | -                                 | -            | -            | "  |
| T-D Workstation  | Graduate Student     |                    | Sebastianski, M                           | RTF              | 3-064              | -                                 | -            | -            | "  |
| <b>Subtotal</b>  |                      |                    |   |                  |                    | <b>220.3</b>                      | <b>193.1</b> | <b>193.1</b> |  |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                      |                    |   |                  |                    |                                   |              |              |  |
| <b>Subtotal</b>  |                      |                    |   |                  |                    | <b>0.0</b>                        | <b>0.0</b>   | <b>0.0</b>   |  |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b>  |                      |                    |   |                  |                    |                                   |              |              |  |
| ABACUS   | -                    | -                  | PI: Dr. P. Raggi, Academic Director, MAHI | WMC              | 0A8.20, etc.       | [1,266]                           | [1,266]      | [1,266]      | The Division of Cardiology faculty conduct human subjects research in ABACUS |
| EASE   | -                    | -                  | -   | OPR              | 3T1.04             | [13.0]                            | [13.0]       | [13.0]       | "Enhanced Access & Speedy Evaluation" cardiac clinic                         |
| Workstation  | Nurse                | -                  | Baker, S                                  | OPR              | 3T1.08             | 13.0                              | 6.0          | 6.0          |  |
| Workstation  | Nurse                | -                  | Heggie, P                                 | OPR              | 3T1.08             | -                                 | 6.0          | 6.0          |  |
|  | -                    | -                  | -   | OPR              | 3T1.11             | [13.0]                            | [13.0]       | [13.0]       |  |
|  | -                    | -                  | -   | OPR              | 3T1.14             | [13.0]                            | [13.0]       | [13.0]       |  |
| <b>Subtotal</b>  |                      |                    |   |                  |                    | <b>13.0</b>                       | <b>12.0</b>  | <b>12.0</b>  |  |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                      |                    |   |                  |                    | <b>233.3</b>                      | <b>205.1</b> | <b>205.1</b> | Subtotal includes only dry lab space   |



APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.2 Dom DIVISION OF CARDIOLOGY (cont'd)

| SPACE CATEGORY  |                   |                          |                            | Current Location<br>Bldg/Room No. | GSP Space (Net Sq M) <sup>1</sup> |                      |                    | Comments / Space Attributes |  |
|---|-------------------|--------------------------|----------------------------|-----------------------------------|-----------------------------------|----------------------|--------------------|-----------------------------|--|
| Space Use / Function                                    | Position Type     | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | 2012/13                           |                      | Projected          |                             |  |
|   |                   |                          |                            |                                   | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18 |                             |  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                   |                          |                            |                                   |                                   |                      |                    |                             |  |
| <b>4.1 Division Administration</b>                      |                   |                          |                            |                                   |                                   |                      |                    |                             |  |
| Workstation   | Admin Support     | SUP-FT                   | Dube, B                    | WMC                               | 2C2.34                            | 8.8                  | 6.0                | 6.0                         |  |
| Workstation   | Medical Secretary | SUP-FT                   | Ellis, C                   | WMC                               | 2C2                               | 116.0                | 6.0                | 6.0                         | Exist'g area incl internal circulation |
| Workstation   | Medical Secretary | SUP-FT                   | Fischer, T                 | WMC                               | 2C2                               | -                    | 6.0                | 6.0                         |  |
| Workstation   | Admin Assistant   | SrAD                     | Good, H                    | LKS                               | 2-132-15                          | 5.8                  | 9.0                | 9.0                         | Wkstn currently located w/ VIGOUR      |
| Workstation   | Medical Secretary |                          | Gray, A                    | WMC                               | 2C2                               | -                    | 6.0                | 6.0                         |  |
| Workstation   | Admin Assistant   | SUP-FT                   | Haggerty, S                | WMC                               | 2C2                               | -                    | 6.0                | 6.0                         |  |
| Workstation   | Medical Secretary | SUP-FT                   | Jones, N                   | WMC                               | 0A8.00X                           | -                    | 6.0                | 6.0                         | Located in ABACUS                      |
| Workstation   | Medical Secretary | SUP-FT                   | Kuefler, K                 | WMC                               | 2C2                               | -                    | 6.0                | 6.0                         |  |
| Workstation   | Medical Secretary | SUP-PT                   | Lam, P                     | WMC                               | 2C2                               | -                    | 6.0                | 6.0                         |  |
| Workstation   | Medical Secretary | SUP-FT                   | Lemire, M                  | WMC                               | 2C2                               | -                    | 6.0                | 6.0                         |  |
| Workstation   | Medical Secretary |                          | Levy, D                    | WMC                               | 2C2                               | -                    | 6.0                | 6.0                         |  |
| Workstation   | Medical Secretary | SUP-FT                   | Liberty, R                 | WMC                               | 2C2                               | -                    | 6.0                | 6.0                         |  |
| Workstation   |                   | SUP-FT                   | Loiseau, L                 | WMC                               | 2C2.09                            | 13.1                 | -                  | -                           | Primary appnt in other Dep't           |
| Workstation   |                   | SUP-FT                   | Makenja-Cesar, M           | WMC                               | 2C2.16                            | -                    | 6.0                | 6.0                         |  |
| Workstation   | Admin Assistant   | SUP-FT                   | Mickel, I                  | WMC                               | 2C2.09                            | -                    | 6.0                | 6.0                         |  |
| Workstation   | Medical Secretary | SUP-FT                   | Neis, C                    | WMC                               | 2E1.20                            | 6.0                  | 6.0                | 6.0                         |  |
| Workstation   |                   | SUP-FT                   | Paice, A                   | WMC                               | 2C2                               | -                    | 6.0                | 6.0                         |  |
| Workstation   | Admin Assistant   | SUP-FT                   | Pappas, P                  | WMC                               | 2C2                               | -                    | 6.0                | 6.0                         |  |
| Workstation   | Medical Secretary | SUP-FT                   | Paterson, C                | WMC                               | 2C2.06                            | 4.0                  | 6.0                | 6.0                         |  |
| Workstation   | Admin Assistant   | SUP-FT                   | Robichaud, K               | WMC                               | 2C2                               | -                    | 6.0                | 6.0                         |  |
| Workstation   |                   |                          | Sarmiento, S               | WMC                               | 2C2.49                            | 8.5                  | 6.0                | 6.0                         |  |
| Workstation   | Medical Secretary | SUP-FT                   | Sirtaj, T                  | WMC                               | 2H2.41                            | -                    | 6.0                | 6.0                         |  |
| Workstation   | Medical Secretary | SUP-FT                   | Slobinyk, K                | WMC                               | 2C2                               | -                    | 6.0                | 6.0                         |  |
| Workstation   |                   |                          | Kennedy, R                 | CSB                               | 2-193                             | 14.9                 | 6.0                | 6.0                         |  |
| Workstation   |                   | SUP-FT                   | Zhao, Y                    |                                   |                                   | -                    | -                  | -                           | Located in ABACUS                      |
| Workstation   | Medical Secretary | SUP-FT                   | Rogozinski, V              |                                   |                                   |                      | 6.0                | 6.0                         |  |
| Workstation   | Medical Secretary | SUP-FT                   | Seitz, K                   |                                   |                                   |                      | 6.0                | 6.0                         |  |
| Workstation   | Admin Support     |                          | Future growth              |                                   |                                   |                      |                    | 36.0                        | 1 per 2 physicians = 6@6.0 NSM         |
| <b>Subtotal</b>   |                   |                          |                            |                                   |                                   | <b>177.1</b>         | <b>153.0</b>       | <b>189.0</b>                |  |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.2 DOM DIVISION OF CARDIOLOGY (cont'd)

| SPACE CATEGORY                |                      |                    |                         | Current Location<br>Bldg Room No. |                    | GSP Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes         |
|-------------------------------|----------------------|--------------------|-------------------------|-----------------------------------|--------------------|-----------------------------------|--------------|--------------|-------------------------------------|
| Space Use / Function          | Position Type        | FoMD Planning Code | Person or PI/Group Name |                                   |                    | 2012/13                           |              | Projected    |                                     |
|                               |                      |                    |                         | Existing                          | Immediate Req'm'ts | Req'm'ts 2017/18                  |              |              |                                     |
| <b>4.2 Faculty, Full-time</b> |                      |                    |                         |                                   |                    |                                   |              |              |                                     |
| Office                        | Division Director    | A1.5               | Tymchak, W              | WMC                               | 2C2.41             | 10.8                              | 12.0         | 12.0         | Professor 3                         |
| Office                        | Professor 2          | A1.5               | Becher, H               | WMC                               | 0A8.32             | -                                 | 12.0         | 12.0         | Located in ABACUS                   |
| Office                        | Professor 3          | A1.1               | Burton, J               | WMC                               | 2C2.42             | 10.6                              | 12.0         | 12.0         |                                     |
| Office                        | Professor 2          | A1.5               | Cujec, B                | WMC                               | 2C2.50             | 10.4                              | 12.0         | 12.0         |                                     |
| Office                        | Associate Professor  | A1.5               | Dafoe, W                | WMC                               |                    | 11.0                              | 12.0         | 12.0         | Existing area is an estimate        |
| Office                        | Associate Professor  | A1.5               | Graham, M               | WMC                               | 2E1.22             | 15.6                              | 12.0         | 12.0         |                                     |
| Office                        | Associate Professor  | A1.1               | Gyenes, G               | WMC                               | 2H2.45             | 12.1                              | 12.0         | 12.0         |                                     |
| Office                        | Professor 3          | A1.5               | Johnstone, D            | WMC                               | 4H1.06             | 11.0                              | 12.0         | 12.0         | Existing area is an estimate        |
| Office                        | Associate Professor  | A1.5               | Kim, D                  | WMC                               | 2C2.39             | 10.8                              | 12.0         | 12.0         |                                     |
| Office                        | Associate Professor  | A1.5               | Kimber, S               | WMC                               | 2C2.47             | 20.1                              | 12.0         | 12.0         |                                     |
| Office                        | Assistant Professor  | A1.5               | Koshman, S              | WMC                               | 2C2.56             | 8.8                               | 12.0         | 12.0         |                                     |
| Office                        | Associate Professor  | A1.1               | Lalonde, L              | WMC                               | 2H2.41             | 32.0                              | 12.0         | 12.0         |                                     |
| Office                        | Assistant Professor  | A1.5               | McMurtry, M             | WMC                               | 2C2.62             | 9.7                               | 12.0         | 12.0         |                                     |
| Office                        | Professor 3          | A1.5               | O'Neill, B              | WMC                               | 2C2.36             | 12.4                              | 12.0         | 12.0         |                                     |
| Office                        | Assistant Professor  | A1.5               | Oudit, G                | WMC                               | 2C2.49Z            | 3.4                               | 12.0         | 12.0         |                                     |
| Office                        | Associate Professor  | A1.5               | Paterson, I             | WMC                               | 2C2.43             | 10.6                              | 12.0         | 12.0         |                                     |
| Office                        | Associate Professor  | A1.5               | Pearson, G              | WMC                               | 2E1.24             | 14.8                              | 12.0         | 12.0         |                                     |
| Office                        | Assistant Professor  | A1.5               | Sandhu, R               | WMC                               | 2C2                | 10.8                              | 12.0         | 12.0         |                                     |
| Office                        | Associate Professor  | A1.5               | Sonnenberg, B           | WMC                               | 2C2.31             | 9.6                               | 12.0         | 12.0         |                                     |
| Office                        | Associate Professor  | A1.5               | Vonder, M               | WMC                               | 2C2.48             | 18.9                              | 12.0         | 12.0         |                                     |
| Office                        | Associate Professor  | A1.5               | Welsh, R                | WMC                               | 2C2.12             | 13.4                              | 12.0         | 12.0         |                                     |
| Office                        | Assistant Professor  | A1.5               | Ezekowitz, J            | CSB                               | 13-129             | 12.9                              | 12.0         | 12.0         |                                     |
| Office                        | Professor 3          | A1.1               | Michelakis, E           | HMRC                              | 424/467            | 12.1                              | 12.0         | 12.0         | Office curenly located w/ wet lab   |
| Office                        | Professor 3          |                    | Armstrong, P            | LKS                               | 2-132              | 14.6                              | 12.0         | 12.0         | Office curenly located w/ wet lab   |
| Office                        | Associate Professor  | A1.5               | Kaul, P                 | LKS                               | 2-132              | 11.7                              | 12.0         | 12.0         | Office curenly located w/ wet lab   |
| Office                        | Associate Professor  | A1.5               | Bungard, T              | CP                                | 220                | -                                 | -            | -            | Office space incl w/ lab in EPICORE |
| Office                        | Trust Research Assoc | A3.2               | Rosenthal, M            | CP                                | 220                | -                                 | -            | -            | Office space incl w/ lab in EPICORE |
| Office                        | Professor 3          | A1.5               | Tsuyuki, R              | CP                                | 220                | -                                 | -            | -            | Office space incl w/ lab in EPICORE |
| Office                        | Director, MAHI       | A1.5               | Raggi, P                | MAHI                              | 4A7.050            | 11.0                              | 12.0         | 12.0         | Existing area is an estimate        |
| Office                        | Assistant Professor  | A1.5               | Butler, C               | OPR                               | 4T1.12             | 13.0                              | 12.0         | 12.0         |                                     |
| Office                        | Assistant Professor  | A1.5               | Shanks, M               | OPR                               | 4T1.15             | 13.0                              | 12.0         | 12.0         |                                     |
| Office                        | F-T Faculty          | TBD                | Future growth           |                                   |                    | -                                 |              | 48.0         | 4 addn'l F-T Faculty by 2012/13     |
| Office                        | F-T Faculty          | TBD                | Future growth           |                                   |                    | -                                 |              | 24.0         | 2 addn'l F-T Faculty by 2013/14     |
| Office                        | F-T Faculty          | TBD                | Future growth           |                                   |                    | -                                 |              | 72.0         | 6 addn'l F-T Faculty by 2014/15     |
| <b>Subtotal</b>               |                      |                    |                         |                                   |                    | <b>345.1</b>                      | <b>336.0</b> | <b>480.0</b> |                                     |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.2 DoM DIVISION OF CARDIOLOGY (cont'd)

| SPACE CATEGORY  |                      |                          |                            | Current Location<br>Bldg Room No. |                      | GSP Space (Net Sq M) <sup>1</sup> |             |             | Comments / Space Attributes         |
|---|----------------------|--------------------------|----------------------------|-----------------------------------|----------------------|-----------------------------------|-------------|-------------|-------------------------------------|
| Space Use / Function                                  | Position Type        | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   |                      | 2012/13                           |             | Projected   |                                     |
|   |                      |                          |                            | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18                |             |             |                                     |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>    |                      |                          |                            |                                   |                      |                                   |             |             |                                     |
| T-D Workstation                                       | Asst Clin Professor  | C1.2                     | Alhulaimi, N               | WMC                               | 2C2.57               | 8.8                               | 3.0         | 3.0         | 1 shared T-D workstn per 10 persons |
| T-D Workstation                                       | Assoc Clin Professor | C1.2                     | Choy, J                    | WMC                               | 2C2.48               | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Adjunct Professor    | C1.4                     | Coulden, R                 | WMC                               | 2C2.11               | 11.2                              | -           | -           | "                                   |
| T-D Workstation                                       | Asst Clin Professor  | C1.2                     | Hruczkowski, T             | WMC                               | 2C2.33               | 9.2                               | -           | -           | "                                   |
| T-D Workstation                                       | Clin Acad Colleague  |                          | Valtuille, L               | WMC                               |                      | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Asst Clin Professor  | C1.2                     | Wong, J                    | WMC                               | 2C2.59               | 8.8                               | -           | -           | "                                   |
| T-D Workstation                                       | Assoc Clin Professor | C1.2                     | Sivakumaran, S             | CSB                               | 2-193                |                                   |             | -           | "                                   |
| T-D Workstation                                       | Clinical Professor   | C1.2                     | Taylor, D                  | MAHI                              |                      |                                   |             | -           | "                                   |
| Office  | Assistant Professor  | C1.1                     | Bainey, K                  | OPR                               | 4T1.10               |                                   | 12.0        | 12.0        | "                                   |
| T-D Workstation                                       | Asst Clin Professor  | C1.2                     | Hammer, D                  | OPR                               | 3T1.12               |                                   |             | -           | "                                   |
| T-D Workstation                                       | Asst Clin Professor  | C1.2                     | Lockwood, E                | RAH                               | -                    | -                                 | -           | -           |                                     |
| <b>Subtotal</b>                                       |                      |                          |                            |                                   |                      | <b>38.0</b>                       | <b>15.0</b> | <b>15.0</b> |                                     |
| <b>4.4 Other Academic / Research / Clinical Staff</b> |                      |                          |                            |                                   |                      |                                   |             |             |                                     |
| T-D Workstation                                       | Clinical Fellow      | PG-CF                    | Abdel Fattah, I            | WMC                               | 3A5.035              |                                   | 3.0         | 3.0         | 1 shared T-D workstn per 10 persons |
| T-D Workstation                                       | Clin Research Fellow | PG-CRF                   | Alharbi, A                 | WMC                               | 3A5.035              | -                                 | 3.0         | 3.0         | "                                   |
| T-D Workstation                                       | Clin Research Fellow | PG-CRF                   | Bundhoo, S                 | WMC                               | 3A5.035              | -                                 | 3.0         | 3.0         | "                                   |
| T-D Workstation                                       | Clinical Fellow      |                          | Chai, S                    | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Clin Research Fellow | PG-CRF                   | Chee, F                    | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Clin Research Fellow |                          | Gibson, P                  | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Clin Research Fellow | PG-CRF                   | He, P                      | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Clin Research Fellow | PG-CRF                   | Kalashyan, H               | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Clinical Fellow      | PG-CF                    | Khandekar, S               | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Clinical Fellow      | PG-CF                    | Kunadian, B                | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Clinical Fellow      | PG-CF                    | Narasimhan, S              | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Clin Research Fellow | PG-CRF                   | Ngunga, L                  | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Clin Research Fellow |                          | Pinphanichakarn, V         | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Clin Research Fellow | PG-CRF                   | Pongnonthachai, P          | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Clinical Fellow      | PG-CF                    | Shavadia, J                | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Fellow               |                          | Smigorsky, M               | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Clinical Fellow      |                          | Tan, J                     | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Clinical Fellow      | PG-CF                    | Toleva, O                  | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| T-D Workstation                                       | Clinical Fellow      |                          | Wong, W                    | WMC                               | 3A5.035              | -                                 | -           | -           | "                                   |
| Workstation   | Postdoctoral Fellow  |                          | Baral, P                   |                                   |                      |                                   | 6.0         | 6.0         |                                     |
| Workstation   | Postdoctoral Fellow  | PDF                      | Colin, R                   | RTF                               | 4-000                |                                   | 6.0         | 6.0         |                                     |
| <b>Subtotal</b>                                       |                      |                          |                            |                                   |                      | <b>0.0</b>                        | <b>21.0</b> | <b>21.0</b> |                                     |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.2 DoM DIVISION OF CARDIOLOGY (cont'd)

| SPACE CATEGORY  |               |                    |                         | Current Location<br>Bldg Room No. |                   | GSP Space (Net Sq M) <sup>1</sup> |              |                | Comments / Space Attributes                                   |
|---|---------------|--------------------|-------------------------|-----------------------------------|-------------------|-----------------------------------|--------------|----------------|---|
| Space Use / Function  | Position Type | FoMD Planning Code | Person or PI/Group Name |                                   |                   | 2012/13                           |              | Projected      |   |
|   |               |                    |                         | Existing                          | Immediate Reqm'ts | Reqm'ts 2017/18                   |              |                |   |
| <b>4.5 Trainees</b>   |               |                    |                         |                                   |                   |                                   |              |                |   |
| Residents' Lounge   | -             | -                  | Cardiology Residents    | WMC                               | 2G1.17            | 89.5                              | 89.5         | 89.5           | Assume Residents' Lounge will remain in the WMC               |
| Workstation   | Resident VI   | PG-RES             | Abualnaja, S            | WMC                               | 2G1.17            | -                                 | 3.0          | 3.0            | Each sub-specialty Resident is assigned a 3.0 NSM workstation |
| Workstation   | Resident VI   | PG-RES             | Al-Hajeri, N            | WMC                               | 2G1.17            | -                                 | 3.0          | 3.0            |   |
| Workstation   | Resident VI   | PG-RES             | Alherbish, A            | WMC                               | 2G1.17            | -                                 | 3.0          | 3.0            |   |
| Workstation   | Resident V    | PG-RES             | Almutawa, M             | WMC                               | 2G1.17            | -                                 | 3.0          | 3.0            |   |
| Workstation   | Resident VI   | PG-RES             | Chan, K                 | WMC                               | 2G1.17            | -                                 | 3.0          | 3.0            |   |
| Workstation   | Resident V    | PG-RES             | Dimitry, J              | WMC                               | 2G1.17            | -                                 | 3.0          | 3.0            |   |
| Workstation   | Resident IV   | PG-RES             | Gurtu, V                | WMC                               | 2G1.17            | -                                 | 3.0          | 3.0            |   |
| Workstation   | Resident VI   | PG-RES             | Kaila, K                | WMC                               | 2G1.17            | -                                 | 3.0          | 3.0            |   |
| Workstation   | Resident IV   | PG-RES             | Kholaif, N              | WMC                               | 2G1.17            | -                                 | 3.0          | 3.0            |   |
| Workstation   | Resident V    | PG-RES             | Lyons, K                | WMC                               | 2G1.17            | -                                 | 3.0          | 3.0            |   |
| Workstation   | Resident IV   | PG-RES             | Sehgal, T               | WMC                               | 2G1.17            | -                                 | 3.0          | 3.0            |   |
| Workstation   | Resident IV   | PG-RES             | Senaratne, J            | WMC                               | 2G1.17            | -                                 | 3.0          | 3.0            |   |
| Workstation   | Resident IV   | PG-RES             | Sharma, A               | WMC                               | 2G1.17            | -                                 | 3.0          | 3.0            |   |
| <b>Subtotal</b>   |               |                    |                         |                                   |                   | <b>89.5</b>                       | <b>128.5</b> | <b>128.5</b>   |   |
| <b>4.6 Division Support Space</b>                                 |               |                    |                         |                                   |                   |                                   |              |                |   |
| Reception   | -             | -                  | -                       | WMC                               | 2C2.01            | 15.0                              | 6.0          | 6.0            | NSM guideline allocation                                      |
| Conference Room   | -             | -                  | -                       | WMC                               | 2C2.02            | 15.3                              | 18.0         | 18.0           | Guideline allocation; could share                             |
| Storage   | -             | -                  | -                       | WMC                               | 2C2.08/16         | 25.6                              | 9.0          | 9.0            | NSM guideline allocation                                      |
| Copy/Fax Room   | -             | -                  | -                       | WMC                               | 2C2.53            | 2.9                               | 9.0          | 9.0            | Guideline allocation; could share                             |
| <b>Subtotal</b>   |               |                    |                         |                                   |                   | <b>58.8</b>                       | <b>42.0</b>  | <b>42.0</b>    |   |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |               |                    |                         |                                   |                   | <b>708.5</b>                      | <b>695.5</b> | <b>875.5</b>   |   |
| <b>TOTAL: DoM, DIVISION OF CARDIOLOGY</b>                         |               |                    |                         |                                   |                   | <b>941.8</b>                      | <b>900.6</b> | <b>1,080.6</b> | <b>NSM<sup>2</sup></b>  |

Notes:

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. Some existing areas include portions of internal circulation and data on the existing areas occupied in the WMC may not be 100% accurate.

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.3 DoM DIVISION OF DERMATOLOGY**

| SPACE CATEGORY   |                     |                          |                            | Current Location<br>Bldg Room No. | GSP Space (Net Sq M) <sup>1</sup> |                      |                                 | Comments / Space Attributes                        |
|--|---------------------|--------------------------|----------------------------|-----------------------------------|-----------------------------------|----------------------|---------------------------------|--|
| Space Use / Function   | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | 2012/13                           |                      | Projected<br>Reqm'ts<br>2017/18 |  |
|  |                     |                          |                            |                                   | Existing                          | Immediate<br>Reqm'ts |                                 |  |
| <b>3. RESEARCH SPACE</b>   |                     |                          |                            |                                   |                                   |                      |                                 |  |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b>        |                     |                          |                            |                                   |                                   |                      |                                 |  |
| Elliot Wet Lab Space   | -                   | -                        | PI: J. Elliot              | LKS 6-021                         | -                                 | -                    | -                               | Space incl in the Alberta Diabetes Institute (ADI) |
| Serviced Lab & Tissue Culture Rm   | -                   | -                        | -                          | LKS 6-021, etc.                   | [44.0]                            | [44.0]               | [44.0]                          | J. Elliot uses a portion of LKS 6-021              |
| <b>Subtotal</b>  |                     |                          |                            |                                   | <b>[44.0]</b>                     | <b>[44.0]</b>        | <b>[44.0]</b>                   |  |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b>                   |                     |                          |                            |                                   |                                   |                      |                                 |  |
| None identified  |                     |                          |                            |                                   |                                   |                      |                                 |  |
| <b>Subtotal</b>  |                     |                          |                            |                                   | <b>0.0</b>                        | <b>0.0</b>           | <b>0.0</b>                      |  |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                     |                          |                            |                                   |                                   |                      |                                 |  |
| None identified  |                     |                          |                            |                                   |                                   |                      |                                 |  |
| <b>Subtotal</b>  |                     |                          |                            |                                   | <b>0.0</b>                        | <b>0.0</b>           | <b>0.0</b>                      |  |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b>  |                     |                          |                            |                                   |                                   |                      |                                 |  |
| None identified  |                     |                          |                            |                                   |                                   |                      |                                 |  |
| <b>Subtotal</b>  |                     |                          |                            |                                   | <b>0.0</b>                        | <b>0.0</b>           | <b>0.0</b>                      |  |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                     |                          |                            |                                   | <b>0.0</b>                        | <b>0.0</b>           | <b>0.0</b>                      |  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>                    |                     |                          |                            |                                   |                                   |                      |                                 |  |
| <b>4.1 Division Administration</b>   |                     |                          |                            |                                   |                                   |                      |                                 |  |
| Workstation  | Medical Secretary   | SUP-FT                   | Billley, J                 | CSB 2-125                         | 19.4                              | 6.0                  | 6.0                             | 3 workstations located in 2-125                    |
| Workstation  | Medical Secretary   | SUP-FT                   | Ewasiw, P                  | CSB 2-125                         | -                                 | 6.0                  | 6.0                             | "  |
| Workstation  | Medical Secretary   | SUP-FT                   | McLernon, L                | CSB 2-125                         | -                                 | 6.0                  | 6.0                             | "  |
| Workstation  | Admin Support       |                          | Future growth              | - -                               | -                                 | -                    | 6.0                             | 1 per 2 physicians = 1@6.0 NSM                     |
| Workstation  | Medical Secretary   | SUP-PT                   | Fisher, J                  | LKS 6-002B                        | incl below                        | 6.0                  | 6.0                             | Assume will remain in LKS w/J. Elliot              |
| <b>Subtotal</b>  |                     |                          |                            |                                   | <b>19.4</b>                       | <b>24.0</b>          | <b>30.0</b>                     |  |
| <b>4.2 Faculty, Full-time</b>  |                     |                          |                            |                                   |                                   |                      |                                 |  |
| Office   | Division Director   | A1.5                     | Salopek, T                 | CSB 2-108                         | 14.2                              | 12.0                 | 12.0                            | Associate Professor                                |
| Office   | Professor 1         | A1.5                     | Brassard, A                | CSB 2-125A                        | 14.0                              | 12.0                 | 12.0                            |  |
| Office   | Associate Professor | A1.5                     | Lin, A                     | CSB 2-109B                        | 13.7                              | 12.0                 | 12.0                            |  |
| Office   | Clinical Professor  | C1.1                     | Rao, J                     | CSB 2-109A                        | 13.6                              | 12.0                 | 12.0                            | Special Continuing Appointment                     |
| Office   | F-T Faculty         |                          | Future growth              | - -                               | -                                 | -                    | 24.0                            | 2 addnl F-T Faculty by 2013/14                     |
| Office   | Professor 3         | A1.1                     | Elliot, J                  | LKS 6-002B                        | 12.1                              | 12.0                 | 12.0                            | Assume will remain w/wet lab in LKS                |
| <b>Subtotal</b>  |                     |                          |                            |                                   | <b>67.6</b>                       | <b>60.0</b>          | <b>84.0</b>                     |  |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.3 DoM DIVISION OF DERMATOLOGY (cont'd)**

| SPACE CATEGORY  |                     |                          |                            | Current Location<br>Bldg Room No. | GSP Space (Net Sq M) <sup>1</sup> |                      |                    | Comments / Space Attributes                                   |
|---|---------------------|--------------------------|----------------------------|-----------------------------------|-----------------------------------|----------------------|--------------------|---|
| Space Use / Function  | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | 2012/13                           |                      | Projected          |   |
|   |                     |                          |                            |                                   | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18 |   |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>                |                     |                          |                            |                                   |                                   |                      |                    |   |
| T-D Workstation   | Asst Clinical Prof  |                          | Kalisiak, M                | CSB 2-127                         | 11.6                              | 3.0                  | 3.0                | 1 shared T-D wkstn per 10 persons                             |
| T-D Workstation   | Assoc Clinical Prof | C1.2                     | Taher, M                   | CSB                               | -                                 | -                    | -                  | "   |
| <b>Subtotal</b>   |                     |                          |                            |                                   | <b>11.6</b>                       | <b>3.0</b>           | <b>3.0</b>         |   |
| <b>4.4 Other Academic / Research / Clinical Staff</b>             |                     |                          |                            |                                   |                                   |                      |                    |   |
| None identified   |                     |                          |                            |                                   |                                   |                      |                    |   |
| <b>Subtotal</b>   |                     |                          |                            |                                   | <b>0.0</b>                        | <b>0.0</b>           | <b>0.0</b>         |   |
| <b>4.5 Trainees</b>   |                     |                          |                            |                                   |                                   |                      |                    |   |
| Workstation   | Resident V          |                          | Day, I                     | CSB 2-128                         | 14.2                              | 3.0                  | 3.0                | Each sub-specialty Resident is assigned a 3.0 NSM workstation |
| Workstation   | Resident IV         |                          | Jung, G                    | CSB 2-128                         | -                                 | 3.0                  | 3.0                |   |
| Workstation   | Resident II         |                          | Kurian, A                  | CSB 2-128                         | -                                 | 3.0                  | 3.0                |   |
| Workstation   | Resident I          |                          | Kuzel, P                   | CSB 2-128                         | -                                 | 3.0                  | 3.0                |   |
| Workstation   | Resident III        |                          | Kwok, T                    | CSB 2-128                         | -                                 | 3.0                  | 3.0                |   |
| Workstation   | Resident I          |                          | Levy, J                    | CSB 2-128                         | -                                 | 3.0                  | 3.0                |   |
| Workstation   | Resident V          |                          | Lortie, C                  | CSB 2-128                         | -                                 | 3.0                  | 3.0                |   |
| Workstation   | Resident III        |                          | Mercer, J                  | CSB 2-128                         | -                                 | 3.0                  | 3.0                |   |
| Workstation   | Resident III        |                          | Postok, O                  | CSB 2-128                         | -                                 | 3.0                  | 3.0                |   |
| Workstation   | Resident V          |                          | Prajapati, V               | CSB 2-128                         | -                                 | 3.0                  | 3.0                |   |
| Workstation   | Resident IV         |                          | Wu, D                      | CSB 2-128                         | -                                 | 3.0                  | 3.0                |   |
| <b>Subtotal</b>   |                     |                          |                            |                                   | <b>14.2</b>                       | <b>33.0</b>          | <b>33.0</b>        |   |
| <b>4.6 Division Support Space</b>                                 |                     |                          |                            |                                   |                                   |                      |                    |   |
| Reception   | -                   | -                        | -                          | -                                 | -                                 | 6.0                  | 6.0                | No current space; NSM guideline allocation                    |
| Conference Room   | -                   | -                        | -                          | CSB 2-105                         | 35.6                              | 18.0                 | 18.0               | Guideline allocation; could share                             |
| Staff Room  | -                   | -                        | -                          | CSB 2-107                         | 19.0                              | -                    | -                  | Incl in conference room allocation                            |
| Storage, Files  | -                   | -                        | -                          | CSB -                             | -                                 | 9.0                  | 9.0                | NSM guideline allocation                                      |
| Storage   | -                   | -                        | -                          | CSB 2-130                         | 3.5                               | 3.5                  | 3.5                | Storage closets in corridor                                   |
| Copy/Fax Room   | -                   | -                        | -                          | -                                 | -                                 | 9.0                  | 9.0                | Guideline allocation; could share                             |
| <b>Subtotal</b>   |                     |                          |                            |                                   | <b>58.1</b>                       | <b>45.5</b>          | <b>45.5</b>        |   |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                     |                          |                            |                                   | <b>170.9</b>                      | <b>165.5</b>         | <b>195.5</b>       |   |
| <b>TOTAL: DoM, DIVISION OF DERMATOLOGY</b>                        |                     |                          |                            |                                   | <b>170.9</b>                      | <b>165.5</b>         | <b>195.5</b>       | <b>NSM</b>  |

Notes:

1. All areas used in this document are net assignable square metres unless otherwise indicated.

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.4 DoM DIVISION OF ENDOCRINOLOGY

| SPACE CATEGORY  |                      |                    |                         | Current Location |             | GSP Space (Net Sq M) <sup>1</sup> |                   |                 | Comments / Space Attributes  |
|---|----------------------|--------------------|-------------------------|------------------|-------------|-----------------------------------|-------------------|-----------------|--|
| Space Use / Function  | Position Type        | FoMD Planning Code | Person or PI/Group Name |                  |             | 2012/13                           |                   | Projected       |  |
|   |                      |                    |                         | Bldg             | Room No.    | Existing                          | Immediate Reqm'ts | Reqm'ts 2017/18 |  |
| <b>3. RESEARCH SPACE</b>  |                      |                    |                         |                  |             |                                   |                   |                 |  |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b> |                      |                    |                         |                  |             |                                   |                   |                 |  |
| Serviced Lab  | -                    | -                  | PI: Pending             | HMRC             | 371         | [84.3]                            | [84.3]            | [84.3]          | Pending alloc to new faculty hire; NSM allocation based on exist'g size  |
| Animal Room   | -                    | -                  | "                       | HMRC             | 371B        | [13.8]                            | [13.8]            | [13.8]          | NSM allocation based on exist'g size                                     |
| Cold Room   | -                    | -                  | "                       | HMRC             | 375         | [9.6]                             | [9.6]             | [9.6]           | "  |
| Isotope Room  | -                    | -                  | "                       | HMRC             | 376         | [9.2]                             | [9.2]             | [9.2]           | "  |
| Office/Storage  | Lab Technologist     | SUP-PT             | Watts, R                | HMRC             | 362G        | [12.0]                            | [6.0]             | [6.0]           | NSM guideline allocation   |
| <b>J. Vance Wet Lab</b>   |                      |                    |                         |                  |             |                                   |                   |                 |  |
| Office  | Professor 3          | A1.5               | PI: J. Vance            | HMRC             | 332         | [145.8]                           | [145.8]           | [145.8]         | Lab NSM incl in The Group on the Molecular & Cell Biology of Lipids      |
|   |                      |                    | Vance, J                | HMRC             | 332         | -                                 | -                 | -               | Office incl under 4.2 Faculty F-T  |
| <b>Subtotal</b>   |                      |                    |                         |                  |             | <b>[274.7]</b>                    | <b>[268.7]</b>    | <b>[268.7]</b>  |  |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b>            |                      |                    |                         |                  |             |                                   |                   |                 |  |
| <b>A. Sharma Group</b>  |                      |                    |                         |                  |             |                                   |                   |                 |  |
| Workstation   | Research Assistant   | SUP-FT             | PI: A. Sharma           | LKS              | 1-116       | 16.2                              | -                 | -               | Part of Alberta Diabetes Institute                                       |
|   |                      |                    | Estey, L                | LKS              | 1-116       | -                                 | 6.0               | 6.0             | "  |
| Workstation   |                      |                    | McFaddin, F             | LKS              | 1-116       | -                                 | 6.0               | 6.0             | "  |
| Workstation   | Clin Research Fellow | C1.2               | Mrad, B                 | LKS              | 1-116       | -                                 | 6.0               | 6.0             | "  |
| Office  | Professor 3          | A1.5               | Sharma, A               | LKS              | 1-116A      | 14.0                              | 6.0               | 6.0             | Main office is at the RAH w/a T-D workstation in the LKS lab             |
| <b>G. Sharma Group</b>  |                      |                    |                         |                  |             |                                   |                   |                 |  |
| Office  | Professor 3          | A1.1               | PI: G. Sharma           | UT               | 5-06 / 5-10 | -                                 | -                 | -               | Will remain in UT bldg; exist'g space includes internal circulation      |
|   |                      |                    | Sharma, G               | UT               | 5-10D       | 23.0                              | 12.0              | 12.0            | Office will remain w/lab in the UT                                       |
| Training Room   | -                    | -                  | Sharma Group            | UT               | 5-06B       | 22.7                              | 22.7              | 22.7            | NSM allocation based on exist'g size                                     |
| Commons   | -                    | -                  | "                       | UT               | 5-06A       | 29.8                              | 29.8              | 29.8            | NSM allocation based on exist'g size which includes internal circulation |
| Storage   | -                    | -                  | "                       | UT               | 5-10G       | 9.1                               | 9.1               | 9.1             | NSM allocation based on exist'g size                                     |
| Workstation   | Research Support     |                    | Brambilla, A            | UT               | 5-06C       | 10.7                              | 6.0               | 6.0             | Will remain w/existing Sharma lab in the UT                              |
| Workstation   | Research Support     |                    | Cezaretto, A            | UT               | 5-10E       | 12.6                              | 6.0               | 6.0             |  |
| Workstation   | Research Support     |                    | Chang, A                | UT               | 5-10E       | -                                 | 6.0               | 6.0             | "  |
| Workstation   | Research Support     |                    | Fowler, K               | UT               | 5-10F       | 12.8                              | 6.0               | 6.0             | "  |
| Workstation   | Research Support     |                    | Heer, S                 | UT               | 5-06E       | 14.6                              | 6.0               | 6.0             | "  |
| Workstation   | Research Support     |                    | Herath, T               | UT               | 5-06A       | -                                 | 6.0               | 6.0             | "  |
| Workstation   | Research Support     |                    | Hodges, L               | UT               | 5-06E       | -                                 | 6.0               | 6.0             | "  |
| Workstation   | Research Support     |                    | Irving, H               | UT               | 5-10        | 61.5                              | 6.0               | 6.0             | "  |
| Workstation   | Research Support     | SUP-FT             | Jalosinski, J           | UT               | 5-10        | -                                 | 6.0               | 6.0             | "  |
| Workstation   | Research Support     |                    | Kochmarski,             | UT               | 5-06E       | -                                 | 6.0               | 6.0             | "  |
| Workstation   | Research Support     |                    | Kolahdooz, F            | UT               | 5-10C       | 13.2                              | 6.0               | 6.0             | "  |
| Workstation   | Research Support     | PDF                | Mathe, N                | UT               | 5-10B       | 13.0                              | 6.0               | 6.0             | "  |
| Workstation   | Research Support     |                    | Nader, F                | UT               | 5-10E       | -                                 | 6.0               | 6.0             | "  |
| Workstation   | Research Support     | A3.2               | Pakseresht, M           | UT               | 5-06D       | 12.7                              | 6.0               | 6.0             | "  |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.4 DoM DIVISION OF ENDOCRINOLOGY (cont'd)**

| SPACE CATEGORY   |                    |                    |                         | Current Location |          | GSP Space (Net Sq M) <sup>1</sup> |                   |                 | Comments / Space Attributes   |
|--|--------------------|--------------------|-------------------------|------------------|----------|-----------------------------------|-------------------|-----------------|---|
| Space Use / Function   | Position Type      | FoMD Planning Code | Person or PI/Group Name |                  |          | 2012/13                           |                   | Projected       |   |
|  |                    |                    |                         | Bldg             | Room No. | Existing                          | Immediate Reqm'ts | Reqm'ts 2017/18 |   |
| Workstation  | Research Support   |                    | Safipur, J              | UT               | 5-10B    | -                                 | 6.0               | 6.0             | "   |
| Workstation  | Research Support   |                    | Spearing, K             | UT               | 5-06C    | -                                 | 6.0               | 6.0             | "   |
| Workstation  | Research Support   |                    | Vik, S                  | UT               | 5-10A    | 13.1                              | 6.0               | 6.0             | "   |
| <b>E. Toth Group</b>   | -                  | -                  | <b>PI: E. Toth</b>      | RTF              |          |                                   |                   |                 | Will relocate to the CSB  |
| Workstation  | Research Assistant | SUP-FT             | Connor, T               | RTF              | 4-000    |                                   | 6.0               | 6.0             | "   |
| Workstation  | Research Assistant |                    | Jacobs, A               | RTF              | 4-026    | 10.4                              | 6.0               | 6.0             | "   |
| Workstation  | Dietitian          |                    | Jensen, J               | RTF              | 4-100    |                                   | 6.0               | 6.0             | "   |
| Workstation  | Laboratory Tech    |                    | Legare, M               | RTF              | 4-000    |                                   | 6.0               | 6.0             | "   |
| Workstation  | Research Assistant | SUP-FT             | Oster, R                | RTF              | 4-030    | 10.7                              | 6.0               | 6.0             | "   |
| Workstation  | Research Assistant | SUP-FT             | Ralph, K                | RTF              | 4-000    |                                   | 6.0               | 6.0             | "   |
| <b>Subtotal</b>  |                    |                    |                         |                  |          | <b>300.1</b>                      | <b>235.6</b>      | <b>235.6</b>    |   |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                    |                    |                         |                  |          |                                   |                   |                 |   |
| <b>L. Mereu Group</b>  | -                  | -                  | <b>PI: L. Mereu</b>     | LKS              |          |                                   |                   |                 | Part of Alberta Diabetes Institute  |
| Workstation  | Research Support   |                    | Woloschuk, B            | LKS              | 2-021G   | [12.4]                            | -                 | -               | NSM allocation incl in ADI space  |
| <b>Subtotal</b>  |                    |                    |                         |                  |          | <b>0.0</b>                        | <b>0.0</b>        | <b>0.0</b>      |   |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b>  |                    |                    |                         |                  |          |                                   |                   |                 |   |
| None identified  |                    |                    |                         |                  |          |                                   |                   |                 |   |
| <b>Subtotal</b>  |                    |                    |                         |                  |          | <b>0.0</b>                        | <b>0.0</b>        | <b>0.0</b>      |   |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                    |                    |                         |                  |          | <b>300.1</b>                      | <b>235.6</b>      | <b>235.6</b>    | Subtotal includes only dry lab space  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>                    |                    |                    |                         |                  |          |                                   |                   |                 |   |
| <b>4.1 Division Administration</b>   |                    |                    |                         |                  |          |                                   |                   |                 |   |
| Workstation  | Medical Secretary  | SUP-FT             | Bobryk, V               | HMRC             | 362      | 83.1                              | 6.0               | 6.0             | Multiple workstns located in HMRC 362, plus reception, copier, files & internal circulation |
| Workstation  | Admin Assistant    | SUP-FT             | Hebert, B               | HMRC             | 362J     | 10.7                              | 6.0               | 6.0             |   |
| Workstation  | Medical Secretary  | SUP-FT             | Krishka, J              | HMRC             | 362      | -                                 | 6.0               | 6.0             | "   |
| Workstation  | Medical Secretary  | SUP-FT             | Martin, J               | HMRC             | 362      | -                                 | 6.0               | 6.0             | "   |
| Workstation  | Admin Support      | SUP-FT             | Neveu, R                | HMRC             |          | -                                 | 6.0               | 6.0             | "   |
| Workstation  | Medical Secretary  | SUP-FT             | Nunez, F                | HMRC             | 362      | -                                 | 6.0               | 6.0             | "   |
| Workstation  | Medical Secretary  | SUP-FT             | Queeley, J              | HMRC             | 362      | -                                 | 6.0               | 6.0             | "   |
| Workstation  | Admin Secretary    | SUP-FT             | Rice, M                 | HMRC             | 362      | -                                 | 6.0               | 6.0             | Shared w/ Rheumatology; incl here   |
| Workstation  | Medical Transcrip  | SUP-FT             | Rimell, C               | HMRC             | 362      | -                                 | 6.0               | 6.0             | "   |
| Workstation  | Medical Secretary  | SUP-FT             | Robatzek, J             | HMRC             | 362      | -                                 | 6.0               | 6.0             | "   |
| Workstation  | Admin Assistant    | SUP-FT             | Robertson, L            | HMRC             | 362      | -                                 | 6.0               | 6.0             | "   |
| Workstation  | Admin Support      | SUP-FT             | Spearing, K             | HMRC             | 362      | -                                 | 6.0               | 6.0             | "   |
| Workstation  | Medical Secretary  | SUP-FT             | Veats, D                | HMRC             | 362G     | -                                 | 6.0               | 6.0             | Exist'g space incl above w/ lab tech  |
| Workstation  | Admin Support      |                    | Vacant                  | HMRC             |          | -                                 | 6.0               | 6.0             |   |



APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.4 DoM DIVISION OF ENDOCRINOLOGY (cont'd)

| SPACE CATEGORY  |                     |                          |                            | Current Location<br>Bldg Room No. |                      | GSP Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes  |
|---|---------------------|--------------------------|----------------------------|-----------------------------------|----------------------|-----------------------------------|--------------|--------------|--|
| Space Use / Function                                  | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   |                      | 2012/13                           |              | Projected    |  |
|   |                     |                          |                            | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18                |              |              |  |
| Workstation   | Medical Secretary   | SUP-PT                   | Huisman, D                 | CP                                | 2000                 |                                   | 6.0          | 6.0          | Will relocate to the CSB   |
| Workstation   | Admin Support       | SUP-FT                   | Burlet, M                  | RTF                               |                      |                                   | 6.0          | 6.0          |  |
| Workstation   | Admin Assistant     | SUP-FT                   | Poirier, S                 | RTF                               | 4-100                | 6.0                               | 6.0          | 6.0          | Existing area is an estimate   |
| Workstation   | Admin Support       |                          | Future growth              | -                                 | -                    | -                                 | -            | 12.0         | 1 per 2-3 physicians = 2@6.0 NSM                                       |
| <b>Subtotal</b>                                       |                     |                          |                            |                                   |                      | <b>99.8</b>                       | <b>102.0</b> | <b>114.0</b> |  |
| <b>4.2 Faculty, Full-time</b>                         |                     |                          |                            |                                   |                      |                                   |              |              |  |
| Office  | Division Director   | A1.5                     | Chik, C                    | HMRC                              | 362F                 | 12.9                              | 12.0         | 12.0         | Professor 3  |
| Office  | Professor 3         | A1.1                     | Lewanczuk, R               | HMRC                              | 362J1                | 12.0                              | 12.0         | 12.0         |  |
| Office  | Associate Professor | A1.1                     | Mereu, L                   | HMRC                              | 362H                 | 12.0                              | 12.0         | 12.0         |  |
| Office  | Professor 3         | A1.1                     | Morrish, D                 | HMRC                              | 362B                 | 12.8                              | 12.0         | 12.0         |  |
| Office  | Assoc Clinical Prof |                          | Oppenorth, A               | HMRC                              | 350C                 | 14.6                              | 12.0         | 12.0         |  |
| Office  | Trust Academic      | A3.1                     | Romney, J                  | HMRC                              | 350B                 | 11.7                              | 12.0         | 12.0         | May relocate to the CSB  |
| Office  | Professor 3         | A1.1                     | Ryan, E                    | HMRC                              | 362E                 | 12.9                              | 12.0         | 12.0         | Exist'g space incl above in 83.1 NSM                                   |
| Office  | Professor 3         | A1.1                     | Toth, E                    | HMRC                              | 362C                 | 12.9                              | 12.0         | 12.0         |  |
| Office  | F-T Faculty         |                          | Vacant                     | HMRC                              | -                    | -                                 | 12.0         | 12.0         | New hire for 2013 (J. O'Connell)                                       |
| Office  | Trust Academic      | A3.1                     | McNab, T                   | RTF                               | 3-081                | 11.7                              | 12.0         | 12.0         | Will relocate to the CSB   |
| Office  | Trust Academic      | A3.1                     | Mitchell, R                | RTF                               | 3-079                | 11.9                              | 12.0         | 12.0         | "  |
| Office  | Associate Professor | A1.5                     | Senior, P                  | CP                                | 2000                 |                                   | 12.0         | 12.0         | "  |
| Office  | Professor 3         | A1.5                     | Sharma, A                  | LKS                               | 1-116A               | -                                 | -            | -            | Assume office remains at the RAH;<br>T-D workstn in LKS lab incl above |
| Office  | Professor 3         | A1.1                     | Sharma, G                  | UT                                | 5-10D                | -                                 | -            | -            | Space incl above w/ dry lab in UT                                      |
| Office  | Professor 3         | A1.1                     | Vance, J                   | HMRC                              | 332A                 | 15.2                              | 12.0         | 12.0         | Office curenly located w/ wet lab                                      |
| Office  | F-T Faculty         |                          | Future growth              | -                                 | -                    | -                                 | -            | 24.0         | 2 addn'l F-T Faculty by 2012/13; may<br>include new Division Director  |
| Office  | F-T Faculty         |                          | Future growth              | -                                 | -                    | -                                 | -            | 36.0         | 3 addn'l F-T Faculty by 2013/14  |
| <b>Subtotal</b>                                       |                     |                          |                            |                                   |                      | <b>140.6</b>                      | <b>156.0</b> | <b>216.0</b> |  |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>    |                     |                          |                            |                                   |                      |                                   |              |              |  |
| T-D Workstation                                       | Asst Clinical Prof  | C1.2                     | Ghosh, M                   | HMRC                              | 362C                 | -                                 | 3.0          | 3.0          | 1 shared T-D wkstn per 10 persons                                      |
| T-D Workstation                                       | Assoc Clinical Prof | C1.2                     | Hopkins, K                 | HMRC                              |                      |                                   | -            | -            | "  |
| T-D Workstation                                       | Asst Clinical Prof  | C1.2                     | Jacquier, J                | HMRC                              | 362C                 | -                                 | -            | -            | "  |
| T-D Workstation                                       | Asst Clinical Prof  | C1.2                     | Kwong, S                   | HMRC                              | 362A                 | 11.3                              | -            | -            | "  |
| T-D Workstation                                       | Asst Clinical Prof  | C1.2                     | Li, S                      | HMRC                              | 362A                 | -                                 | -            | -            | "  |
| <b>Subtotal</b>                                       |                     |                          |                            |                                   |                      | <b>11.3</b>                       | <b>3.0</b>   | <b>3.0</b>   |  |
| <b>4.4 Other Academic / Research / Clinical Staff</b> |                     |                          |                            |                                   |                      |                                   |              |              |  |
| T-D Workstation                                       | Clinical Fellow     |                          | MacKenzie-F, J             | HMRC                              | 371                  | -                                 | 3.0          | 3.0          |  |
| <b>Subtotal</b>                                       |                     |                          |                            |                                   |                      | <b>0.0</b>                        | <b>3.0</b>   | <b>3.0</b>   |  |

**APPENDIX B - DETAILED DOM GSP SPACE TABLES**
**5.4 DoM DIVISION OF ENDOCRINOLOGY (cont'd)**

| SPACE CATEGORY  |               |                          |                            | Current Location<br>Bldg Room No. |                      | GSP Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes   |
|---|---------------|--------------------------|----------------------------|-----------------------------------|----------------------|-----------------------------------|--------------|--------------|---|
| Space Use / Function  | Position Type | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   |                      | 2012/13                           |              | Projected    |   |
|   |               |                          |                            | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18                |              |              |   |
| <b>4.5 Trainees</b>   |               |                          |                            |                                   |                      |                                   |              |              |   |
| Student Study Space   | -             | -                        | -                          | HMRC                              | 350A                 | 15.5                              | 15.5         | 15.5         | Assume this space remains in HMRC                                   |
| Workstation   | Resident V    | PG-RES                   | Cawsey, S                  | HMRC                              | 371A                 | 11.4                              | 3.0          | 3.0          | Each sub-specialty Resident is assigned a 3.0 NSM workstation       |
| Workstation   | Resident IV   | PG-RES                   | Gill, A                    | HMRC                              | 371A                 | -                                 | 3.0          | 3.0          |   |
| Workstation   | Resident V    | PG-RES                   | Parameswaranathan, S       | HMRC                              | 371                  | -                                 | 3.0          | 3.0          |   |
| Workstation   | Resident V    | PG-RES                   | Shahidi, M                 | HMRC                              | 371A                 | -                                 | 3.0          | 3.0          |   |
| Workstation   | Resident V    | PG-RES                   | Slabu, H                   | HMRC                              | 371A                 | -                                 | 3.0          | 3.0          |   |
| <b>Subtotal</b>   |               |                          |                            |                                   |                      | <b>26.9</b>                       | <b>30.5</b>  | <b>30.5</b>  |   |
| <b>4.6 Division Support Space</b>                                 |               |                          |                            |                                   |                      |                                   |              |              |   |
| Reception   | -             | -                        | -                          | HMRC                              | 362                  | -                                 | 6.0          | 6.0          | Existing space incl in Rm 362 above; NSM guideline allocation       |
| Conference Room   | -             | -                        | -                          | -                                 | -                    | -                                 | 18.0         | 18.0         | Guideline allocation; could share                                   |
| Storage, Files  | -             | -                        | -                          | -                                 | -                    | -                                 | 9.0          | 9.0          | Existing space incl in Rm 362 above; NSM guideline allocation       |
| Copy/Fax Room   | -             | -                        | -                          | -                                 | -                    | -                                 | 9.0          | 9.0          | Ext'g space incl in Rm 362 above; guideline allocation; could share |
| <b>Subtotal</b>   |               |                          |                            |                                   |                      | <b>0.0</b>                        | <b>42.0</b>  | <b>42.0</b>  |   |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |               |                          |                            |                                   |                      | <b>278.6</b>                      | <b>336.5</b> | <b>408.5</b> |   |
| <b>TOTAL: DoM, DIVISION OF ENDOCRINOLOGY</b>                      |               |                          |                            |                                   |                      | <b>578.7</b>                      | <b>572.1</b> | <b>644.1</b> | <b>NSM<sup>2</sup></b>  |

**Notes:**

1. All areas used in this document are net assignable square metres unless otherwise indicated.
2. The existing area of 578.7 sqm includes portions of internal circulation.

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.5 DoM DIVISION OF GASTROENTEROLOGY**

| SPACE CATEGORY  |               |                          |                            | Current Location<br>Bldg/Room No. | GSP Space (Net Sq M) <sup>1</sup> |                      |                    | Comments / Space Attributes  |
|---|---------------|--------------------------|----------------------------|-----------------------------------|-----------------------------------|----------------------|--------------------|--|
| Space Use / Function  | Position Type | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | 2012/13                           |                      | Projected          |  |
|   |               |                          |                            |                                   | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18 |  |
| <b>3. RESEARCH SPACE</b>  |               |                          |                            |                                   |                                   |                      |                    |  |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b> |               |                          |                            |                                   |                                   |                      |                    |  |
| CEGIIR Research Labs  | -             | -                        | CEGIIR                     |                                   |                                   |                      |                    | Gastroenterology PI's using CEGIIR labs incl: L. Dieleman, R. Fedorak, K. Goodman, J. Liu, K. Madsen, A. Mason, P. Tandon, G. Wong |
| Serviced Lab  | -             | -                        | "                          | Katz 7-065                        | [159.2]                           | [159.2]              | [159.2]            | NSM allocation based on exist'g size   |
| Serviced Lab  | -             | -                        | "                          | Katz 7-080A                       | [20.9]                            | [20.9]               | [20.9]             | "  |
| Serviced Lab  | -             | -                        | "                          | Katz 7-080B                       | [35.8]                            | [35.8]               | [35.8]             | "  |
| Serviced Lab  | -             | -                        | "                          | Katz 7-081                        | [130.7]                           | [130.7]              | [130.7]            | "  |
| Serviced Lab  | -             | -                        | "                          | Katz 7-091/A/A1/A2                | [48.8]                            | [48.8]               | [48.8]             | "  |
| Serviced Lab  | -             | -                        | "                          | Katz 7-120                        | [82.3]                            | [82.3]               | [82.3]             | "  |
| Serviced Lab  | -             | -                        | "                          | Katz 7-121/A                      | [59.1]                            | [59.1]               | [59.1]             | "  |
| Serviced Lab  | -             | -                        | "                          | Katz 7-124                        | [12.5]                            | [12.5]               | [12.5]             | "  |
| Serviced Lab  | -             | -                        | "                          | Katz 7-126/A/B                    | [177.6]                           | [177.6]              | [177.6]            | "  |
| Special Equip Room  | -             | -                        | "                          | Katz 7-110                        | [20.6]                            | [20.6]               | [20.6]             | NSM allocation based on exist'g size   |
| Darkroom  | -             | -                        | "                          | Katz 7-044                        | [8.2]                             | [8.2]                | [8.2]              | "  |
| Cold Room   | -             | -                        | "                          | Katz 7-056                        | [9.2]                             | [9.2]                | [9.2]              | "  |
| Special Equip Room  | -             | -                        | "                          | Katz 7-058                        | [26.9]                            | [26.9]               | [26.9]             | "  |
| Special Equip Room  | -             | -                        | "                          | Katz 7-065A                       | [9.3]                             | [9.3]                | [9.3]              | "  |
| Incubator Room  | -             | -                        | "                          | Katz 7-065B                       | [22]                              | [22]                 | [22]               | "  |
| Special Equip Room  | -             | -                        | "                          | Katz 7-065C                       | [18.8]                            | [18.8]               | [18.8]             | "  |
| Cold Room   | -             | -                        | "                          | Katz 7-070                        | [8.2]                             | [8.2]                | [8.2]              | "  |
| Incubator Rooms   | -             | -                        | "                          | Katz 7-075/A/B/C                  | [56.3]                            | [56.3]               | [56.3]             | "  |
| Special Equip Room  | -             | -                        | "                          | Katz 7-080                        | [29.9]                            | [29.9]               | [29.9]             | "  |
| Special Equip Rooms   | -             | -                        | "                          | Katz 7-081A/B                     | [22.9]                            | [22.9]               | [22.9]             | "  |
| Incubator Room  | -             | -                        | "                          | Katz 7-081C                       | [18.4]                            | [18.4]               | [18.4]             | "  |
| Autoclave Room  | -             | -                        | "                          | Katz 7-093                        | [18.8]                            | [18.8]               | [18.8]             | "  |
| Special Equip Room  | -             | -                        | "                          | Katz 7-120A                       | [22]                              | [22]                 | [22]               | "  |
| Special Equip Room  | -             | -                        | "                          | Katz 7-126C                       | [10.5]                            | [10.5]               | [10.5]             | "  |
| Incubator Room  | -             | -                        | "                          | Katz 7-126D                       | [20.7]                            | [20.7]               | [20.7]             | "  |
| Cold Room   | -             | -                        | "                          | Katz 7-127                        | [6.3]                             | [6.3]                | [6.3]              | "  |
| Electrical Distrib  | -             | -                        | "                          | Katz 7-129                        | [19.6]                            | [19.6]               | [19.6]             | "  |
| Commons   | -             | -                        | "                          | Katz 7-002                        | [40.9]                            | [40.9]               | [40.9]             | NSM allocation based on exist'g size   |
| Conference Room   | -             | -                        | "                          | Katz 7-003A                       | [31.2]                            | [31.2]               | [31.2]             | "  |
| Conference Room   | -             | -                        | "                          | Katz 7-003B                       | [31.7]                            | [31.7]               | [31.7]             | "  |
| Office  | -             | -                        | "                          | Katz 7-004                        | [22.5]                            | [22.5]               | [22.5]             | "  |
| Copier Room   | -             | -                        | "                          | Katz 7-142A                       | [8.9]                             | [8.9]                | [8.9]              | "  |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.5 DoM DIVISION OF GASTROENTEROLOGY (cont'd)

| SPACE CATEGORY        |                      |                    |                              | Current Location |                | GSP Space (Net Sq M) <sup>1</sup> |                   |                 | Comments / Space Attributes   |
|-----------------------|----------------------|--------------------|------------------------------|------------------|----------------|-----------------------------------|-------------------|-----------------|---|
| Space Use / Function  | Position Type        | FoMD Planning Code | Person or PI/Group Name      |                  |                | 2012/13                           |                   | Projected       |   |
|                       |                      |                    |                              | Bldg             | Room No.       | Existing                          | Immediate Reqm'ts | 2017/18 Reqm'ts |   |
| <b>ATAGC</b>          |                      |                    |                              |                  |                |                                   |                   |                 |   |
| Workstation           | Laboratory Technol   | SUP-FT             | Bugbee, D                    | Katz             | 7-121          | -                                 | -                 | -               | NSM allocation incl in lab space  |
| Workstation           | Med Lab Tech         | SUP-FT             | Dimitrijevic, A              | Katz             | 7-121          | -                                 | -                 | -               | "   |
| Workstation           | Laboratory Technol   | SUP-FT             | Kenney, S                    | Katz             | 7-121          | -                                 | -                 | -               | "   |
| Workstation           | Chemical Technol     | SUP-FT             | Veniamin, S                  | Katz             | 7-121          | -                                 | -                 | -               | "   |
| <b>Dieleman Group</b> |                      |                    |                              |                  |                |                                   |                   |                 | Part of CEGIIR  |
| Workstation           | Postdoctoral Fellow  |                    | PI: L Dieleman<br>Koleva, P  | Katz             | 7-120          | -                                 | -                 | -               | NSM allocation incl in lab space  |
| Workstation           | Trust Research Assoc | A3.2               | Valcheva, R                  | Katz             | 7-120          | -                                 | -                 | -               | "   |
| <b>Fedorak Group</b>  |                      |                    |                              |                  |                |                                   |                   |                 | Part of CEGIIR  |
| Workstation           | Technician           | SUP-PT             | PI: R. Fedorak<br>Foshaug, R | Katz             | 7-120          | -                                 | -                 | -               | NSM allocation incl in lab space  |
| <b>Goodman Group</b>  |                      |                    |                              |                  |                |                                   |                   |                 | Part of CEGIIR  |
| Office                | Associate Professor  | A1.5               | PI: K. Goodman<br>Goodman, K | Katz             | 7-142G         | -                                 | -                 | -               | Office incl under 4.2 Faculty, F-T  |
| Workstation           | Research Assistant   | SUP-FT             | Alpin, L                     | Katz             | 7-142 / 7-142B | [64.1]                            | [6.0]             | [6.0]           | Exist'g space incl 6 open workstns, files, waiting & internal circulation |
| Workstation           | Statistical Analyst  | SUP-FT             | Chang, H-J                   | Katz             | 7-142 /B       | -                                 | [6.0]             | [6.0]           | In open workstation   |
| Workstation           | Research Assistant   |                    | Colquhoun, A                 | Katz             | 7-142 /B       | -                                 | [6.0]             | [6.0]           | At bench desk   |
| Workstation           | Research Assistant   |                    | Lefevbre, M                  | Katz             | 7-142 /B       | -                                 | [6.0]             | [6.0]           |   |
| <b>Khadaroo Group</b> |                      |                    |                              |                  |                |                                   |                   |                 | Dep't of Surgery; part of CEGIIR  |
| Workstation           | Technician           | SUP-FT             | PI: Khadaroo<br>Lukowski, C  | Katz             | 7-120          | -                                 | -                 | -               | NSM allocation incl in lab space  |
| Workstation           | Technician           | SUP-FT             | Young, P                     | Katz             | 7-120          | -                                 | -                 | -               | Primary apmnt w/ Dep't of Surgery   |
| <b>Madsen Group</b>   |                      |                    |                              |                  |                |                                   |                   |                 | Part of CEGIIR  |
| Office                | Assistant Professor  | A1.5               | PI: K. Madsen<br>Madsen, K   | Katz             | 7-142K         | -                                 | -                 | -               | Office incl under 4.2 Faculty, F-T  |
| Workstation           | Masters Student      | GRAD               | Tso, R                       | Katz             | 7-126          | -                                 | -                 | -               | NSM allocation incl in lab space  |
| Workstation           | Technician           | SUP-FT             | Emberg, M                    | Katz             | 7-126          | -                                 | -                 | -               | "   |
| Workstation           | Technician           | SUP-FT             | Hotte, N                     | Katz             | 7-126          | -                                 | -                 | -               | "   |
| Workstation           | Masters Student      |                    | Kish, L                      | Katz             | 7-126          | -                                 | -                 | -               | "   |
| Workstation           | Masters Student      |                    | Perry, T                     | Katz             | 7-126          | -                                 | -                 | -               | Primary apmnt w/ Dep't of Surgery   |
| <b>Mason Group</b>    |                      |                    |                              |                  |                |                                   |                   |                 | Part of CEGIIR  |
| Office                | Professor 2          | A1.5               | PI: A. Mason<br>Mason, A     | Katz             | 7-142J         | -                                 | -                 | -               | Office incl under 4.2 Faculty, F-T  |
| Workstation           | PhD Student          |                    | Gilady, S                    | Katz             | 7-065          | -                                 | -                 | -               | NSM allocation incl in lab space  |
| Workstation           | Masters Student      | GRAD               | Kneteman, M                  | Katz             | 7-065          | -                                 | -                 | -               | "   |
| Workstation           | Med Lab Tech         | SUP-FT             | McDougall, C                 | Katz             | 7-065          | -                                 | -                 | -               | "   |
| Workstation           | Postdoctoral Fellow  | PDF                | Meng, B                      | Katz             | 7-065          | -                                 | -                 | -               | "   |
| Workstation           | PhD Student          | GRAD               | Rahbari, M                   | Katz             | 7-065          | -                                 | -                 | -               | "   |
| Workstation           | Postdoctoral Fellow  | PDF                | Wang, W-W                    | Katz             | 7-065          | -                                 | -                 | -               | "   |
| Workstation           | Postdoctoral Fellow  | A3.2               | Zhang, G                     | Katz             | 7-065          | -                                 | -                 | -               | "   |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.5 Dom DIVISION OF GASTROENTEROLOGY (cont'd)

| SPACE CATEGORY   |                      |                    |                         | Current Location |          | GSP Space (Net Sq M) <sup>1</sup> |                   |                  | Comments / Space Attributes  |
|--|----------------------|--------------------|-------------------------|------------------|----------|-----------------------------------|-------------------|------------------|--|
| Space Use / Function                                     | Position Type        | FoMD Planning Code | Person or PI/Group Name |                  |          | 2012/13                           |                   | Projected        |  |
|  |                      |                    |                         | Bldg             | Room No. | Existing                          | Immediate Reqm'ts | 2017/18          |  |
| <b>Tandon Group</b>                                      |                      |                    | <b>PI: P. Tandon</b>    |                  |          |                                   |                   |                  | Part of CEGIIR   |
| Workstation  | Casual Support       | SUP-FT             | Mansoor, N              | Katz             |          | -                                 | -                 | -                | NSM allocation incl in lab space                                       |
| Workstation  | Casual Support       | SUP-PT             | Tilley, S               | Katz             |          | -                                 | -                 | -                | "  |
| Workstation  | Casual Support       | SUP-PT             | Tostenson, D            | Katz             |          | -                                 | -                 | -                | "  |
| <b>Wong Group</b>  |                      |                    | <b>PI: G. Wong</b>      |                  |          |                                   |                   |                  | Part of CEGIIR   |
| Office   | Professor            |                    | Wong, G                 | Katz 4-126B      | [12.3]   | [12.0]                            | [12.0]            |                  | Space incl in this Division; primary appointment is with another Dep't |
| Workstation  | Laboratory Technol   | SUP-FT             | Ford, G                 | Katz 7-065       |          | -                                 | -                 | -                | NSM allocation incl in lab space                                       |
| Workstation  | Laboratory Assistant | SUP-FT             | Jordan, T               | Katz 7-065       |          | -                                 | -                 | -                | "  |
| Workstation  | Research Associate   | A3.2               | Law, J                  | Katz 7-065       |          | -                                 | -                 | -                | "  |
| Workstation  | Technician           | SUP-FT             | Mitchell, T             | Katz 7-065       |          | -                                 | -                 | -                | "  |
| Workstation  | Laboratory Technol   | SUP-FT             | O'Keefe, S              | Katz 7-065       |          | -                                 | -                 | -                | "  |
| Workstation  | Masters Student      | GRAD               | Reza, S                 | Katz 7-065       |          | -                                 | -                 | -                | "  |
| Workstation  | Laboratory Technol   | SUP-PT             | Rissling, A             | Katz 7-065       |          | -                                 | -                 | -                | "  |
| Workstation  | Research Associate   | A3.2               | Jovel, J                | Katz 7-142 /B    |          | -                                 | [6.0]             | [6.0]            | In open workstation  |
| <b>Infrastructure</b>                                    |                      |                    | <b>CEGIIR</b>           |                  |          |                                   |                   |                  | Part of CEGIIR   |
| Office   | Professor 3          | A1.1               | Jacobs, P               | Katz 7-142L      |          | -                                 | -                 | -                | Office incl under 4.2 Faculty, F-T                                     |
| Office   | Trust Professional   | A3.2               | Reuter, B               | Katz 7-142M      |          | -                                 | -                 | -                | Office incl under 4.2 Faculty, F-T                                     |
| Workstation  | Medical Secretary    | SUP-FT             | Bucknell, M             | Katz 7-142 /B    |          | -                                 | -                 | -                | NSM allocation incl in lab space                                       |
| Workstation  | Research Assistant   | GRAD               | Hastings, E             | Katz 7-142 /B    |          | -                                 | [6.0]             | [6.0]            | In open workstation  |
| Workstation  | Technician           |                    | Yuefei, L               | Katz 7-081       |          | -                                 | -                 | -                | NSM allocation incl in lab space                                       |
| Workstation  | Postdoctoral Fellow  |                    | Sa'ad, S                | Katz 7-142 /B    |          | -                                 | [6.0]             | [6.0]            | In open workstation  |
| Files Storage  | -                    | -                  | -                       | Katz 7-142 /B    |          | -                                 | [9.0]             | [9.0]            | Part of open area in 7-142 & 7-142B                                    |
| Waiting Area   | -                    | -                  | -                       | Katz 7-142 /B    |          | -                                 | [9.0]             | [9.0]            | Part of open area in 7-142 & 7-142B                                    |
| <b>Subtotal</b>  |                      |                    |                         |                  |          | <b>[1,287.1]</b>                  | <b>[1,282.7]</b>  | <b>[1,282.7]</b> |  |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b> |                      |                    |                         |                  |          |                                   |                   |                  |  |
| <b>CEGIIR Dry Lab</b>                                    | -                    | -                  | <b>CEGIIR</b>           | ZLC L-10B        | 97.3     | -                                 | -                 | -                | Existing space incl numerous open workstns & internal circulation      |
| Workstation  | MD                   |                    | Alaboudy, A             | ZLC L-10B        |          | -                                 | 3.0               | 3.0              | Shared T-D workstation   |
| Workstation  | Clin Acad Colleague  |                    | AlAmeel, T              | ZLC L-10B        |          | -                                 | 6.0               | 6.0              |  |
| Workstation  | Clinical Fellow      |                    | Bakkari, S              | ZLC L-10B        |          | -                                 | -                 | -                | Shared T-D workstation   |
| Workstation  | Research Assistant   | SUP-FT             | Evans, K                | ZLC L-10B        |          | -                                 | 6.0               | 6.0              |  |
| Workstation  | Student              |                    | Fedorak, D              | ZLC L-10B        |          | -                                 | 6.0               | 6.0              |  |
| Workstation  | Nurse Practitioner   |                    | Harriott, M             | ZLC L-10B        |          | -                                 | 6.0               | 6.0              |  |
| Workstation  | Clinical Fellow      |                    | Huang, V                | ZLC L-10B        |          | -                                 | -                 | -                | Shared T-D workstation   |
| Workstation  | Clinical Fellow      |                    | Kohansai, A             | ZLC L-10B        |          | -                                 | -                 | -                | Shared T-D workstation   |
| Workstation  | Research Assistant   | SUP-FT             | MacDonald, W            | ZLC L-10B        |          | -                                 | 6.0               | 6.0              |  |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.5 DoM DIVISION OF GASTROENTEROLOGY (cont'd)**

| SPACE CATEGORY   |                        |                    |                         | Current Location |                   | GSP Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes                                       |
|--|------------------------|--------------------|-------------------------|------------------|-------------------|-----------------------------------|--------------|--------------|---|
| Space Use / Function   | Position Type          | FoMD Planning Code | Person or PI/Group Name |                  |                   | 2012/13                           |              | Projected    |   |
|  |                        |                    |                         | Existing         | Immediate Reqm'ts | Reqm'ts 2017/18                   |              |              |   |
| Workstation  | Nurse Practitioner     | SUP-FT             | Maykhrych, K            | ZLC              | L-10B             | -                                 | 6.0          | 6.0          | Shared T-D workstation  |
| Workstation  | MD - Locum             |                    | Pinchbeck, M            | ZLC              | L-10B             | -                                 | -            | -            |   |
| Workstation  | Student                |                    | Reich, K                | ZLC              | L-10B             | -                                 | 6.0          | 6.0          |   |
| Workstation  | Graduate Student       |                    | Syed,Atyab              | ZLC              | L-10B             | -                                 | 6.0          | 6.0          |   |
| Workstation  | Student                |                    | Zenith,Lori             | ZLC              | L-10B             | -                                 | 6.0          | 6.0          |   |
| <b>Clinical Space</b>  | -                      | -                  | <b>CEGIIR</b>           |                  |                   |                                   |              |              |   |
| Reception/Waiting  | -                      | -                  | "                       | ZLC              | L-10              | 15.1                              | 15.1         | 15.1         | NSM allocation based on exist'g size                              |
| Exam/Treatment   | -                      | -                  | "                       | ZLC              | L-10A             | 24.6                              | 24.6         | 24.6         | "   |
| Storage  | -                      | -                  | "                       | ZLC              | L-10A1            | 10.5                              | 10.5         | 10.5         | "   |
| <b>Subtotal</b>  |                        |                    |                         |                  |                   | <b>147.5</b>                      | <b>107.2</b> | <b>107.2</b> |   |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                        |                    |                         |                  |                   |                                   |              |              |   |
| <b>GILDR Research Grp</b>  | -                      | -                  | <b>GILDR</b>            |                  |                   |                                   |              |              | <b>GILDR PI's include all Gastroenterology F-T Faculty</b>        |
| Office   | GILDR Director Ops     | EXT                | Appelman-E, S           | ZLC              | 1-36              | 12.7                              | 12.7         | 12.7         | NSM allocation based on exist'g size                              |
| Workstation  | Research Support       | EXT                | Beston, S               | ZLC              | 1-30              | 69.4                              | 6.0          | 6.0          | Existing space incl numerous open workstns & internal circulation |
| Workstation  | Research Support       | EXT                | Campbell, C             | ZLC              | 1-30              | -                                 | 6.0          | 6.0          | AHS funded clinical trials support                                |
| Workstation  | Research Support       | EXT                | Clerigo, J              | ZLC              | 1-30              | -                                 | 6.0          | 6.0          | "   |
| Workstation  | Research Support       | EXT                | Cor, C                  | ZLC              | 1-30              | -                                 | 6.0          | 6.0          | "   |
| Workstation  | Research Coord         | EXT                | Dimond, S               | ZLC              | 1-30              | -                                 | 6.0          | 6.0          | "   |
| Workstation  | Research Support       | EXT                | Haynes, K               | ZLC              | 1-30              | -                                 | 6.0          | 6.0          | "   |
| Workstation  | Research Coord         | EXT                | Kotuzza, L              | ZLC              | 1-30              | -                                 | 6.0          | 6.0          | "   |
| Workstation  | Research Coord         | EXT                | Lewis, C                | ZLC              | 1-30              | -                                 | 6.0          | 6.0          | "   |
| Workstation  | Research Coord         | EXT                | Peterson, A             | ZLC              | 1-30              | -                                 | 6.0          | 6.0          | "   |
| Workstation  | Research Support       | EXT                | Sherwin, M              | ZLC              | 1-30              | -                                 | 6.0          | 6.0          | "   |
| Workstation  | Research Support       | EXT                | Watrin, C               | ZLC              | 1-30              | -                                 | 6.0          | 6.0          | "   |
| Workstation  | Nurse Pract (GILDR)    | EXT                | Carbonneau, M           | ZLC              | 1-56              | 7.1                               | 6.0          | 6.0          | "   |
| Workstation  | Register'd Nurse (IBD) | EXT                | McCabe-W, C             | ZLC              | 1-54              | 19.8                              | 6.0          | 6.0          | "   |
| Workstation  | Register'd Nurse (IBD) | EXT                | Mekechuk, J             | ZLC              | 1-54              | -                                 | 6.0          | 6.0          | "   |
| Workstation  | Register'd Nurse (IBD) | EXT                | O'Hara, K               | ZLC              | 1-54              | -                                 | 6.0          | 6.0          | "   |
| Workstation  | Regist Nurse (Triage)  | EXT                | Steffen, L              | ZLC              | 1-54              | -                                 | 6.0          | 6.0          | "   |
| Workstation  | GILDR Monitor          | -                  | -                       | ZLC              | 1-58              | 7.1                               | 6.0          | 6.0          | Used by visiting clin trials monitors                             |
| Storage  | -                      | -                  | GILDR                   | ZLC              | 1-27              | 29.1                              | 29.1         | 29.1         | NSM allocation based on exist'g size                              |
| <b>Subtotal</b>  |                        |                    |                         |                  |                   | <b>145.2</b>                      | <b>143.8</b> | <b>143.8</b> |   |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b>  |                        |                    |                         |                  |                   |                                   |              |              |   |
| None identified  |                        |                    |                         |                  |                   |                                   |              |              |   |
| <b>Subtotal</b>  |                        |                    |                         |                  |                   | <b>0.0</b>                        | <b>0.0</b>   | <b>0.0</b>   |   |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                        |                    |                         |                  |                   | <b>292.7</b>                      | <b>251.0</b> | <b>251.0</b> | Subtotal includes only dry lab space                              |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.5 DoM DIVISION OF GASTROENTEROLOGY (cont'd)

| SPACE CATEGORY  |                     |                          |                            | Current Location<br>Bldg Room No. | GSP Space (Net Sq M) <sup>1</sup> |                    |              | Comments / Space Attributes             |
|---|---------------------|--------------------------|----------------------------|-----------------------------------|-----------------------------------|--------------------|--------------|---|
| Space Use / Function                                    | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | 2012/13                           |                    | Projected    |   |
|   |                     |                          |                            | Existing                          | Immediate<br>Reqm'ts              | Reqm'ts<br>2017/18 |              |   |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                     |                          |                            |                                   |                                   |                    |              |   |
| <b>4.1 Division Administration</b>                      |                     |                          |                            |                                   |                                   |                    |              |   |
| Workstation   | EMR Scanner         | SUP-PT                   | Abdulhak, K                | ZLC 1-25                          | -                                 | -                  | -            | NSM allocation incl in 1-25 below       |
| Workstation   | Medical Secretary   | SUP-FT                   | Alexander, S               | ZLC 1-20D                         | 11.4                              | 6.0                | 6.0          | Incl workstn & internal circulation     |
| Workstation   | Medical Secretary   | SUP-FT                   | Allen, A                   | ZLC 2-30E                         | 6.2                               | 6.0                | 6.0          |   |
| Workstation   | Admin Support       |                          | Bartlett, K                | ZLC 2-20                          | 10.2                              | 6.0                | 6.0          | Incl workstn & internal circulation     |
| Workstation   | Medical Secretary   | SUP-FT                   | Borowski, R                | ZLC 2-30D                         | 6.5                               | 6.0                | 6.0          |   |
| Workstation   | Medical Secretary   | SUP-PT                   | Brian, K                   | ZLC 2-24D                         | 11.0                              | 6.0                | 6.0          | Incl workstn & internal circulation     |
| Workstation   | Medical Secretary   | SUP-FT                   | Brinco, J                  | ZLC 2-28C                         | 11.0                              | 6.0                | 6.0          | Incl workstn & internal circulation     |
| Workstation   | Medical Secretary   | SUP-FT                   | Bucknell, M                | Katz 7-142 /B                     | -                                 | 6.0                | 6.0          | Wkstn currently located w/ wet lab      |
| Workstation   | Medical Secretary   | SUP-FT                   | Chan, M                    | ZLC 2-28D                         | 11.0                              | 6.0                | 6.0          | Incl workstn & internal circulation     |
| Workstation   | Medical Secretary   | SUP-FT                   | Cordwell, A                | ZLC 1-28D                         | 11.8                              | 6.0                | 6.0          | Incl workstn & internal circulation     |
| Workstation   | Medical Secretary   | SUP-FT                   | Doring, K                  | ZLC 2-14C                         | 9.1                               | 6.0                | 6.0          | Incl workstn & internal circulation     |
| Workstation   | Program Coordinator | SUP-FT                   | Dubyk, S                   | ZLC 2-39                          | 9.4                               | 6.0                | 6.0          |   |
| Workstation   | Medical Secretary   | SUP-PT                   | Fong, M-S                  | ZLC 2-14B                         | 9.1                               | 6.0                | 6.0          |   |
| Workstation   | Medical Secretary   | SUP-FT                   | Hardy, C-M                 | RAH -                             | -                                 | -                  | -            |   |
| Workstation   | Medical Secretary   | SUP-FT                   | Kulczycki, M               | ZLC 1-53                          | 10.3                              | 6.0                | 6.0          |   |
| Workstation   | Admin Support       | SUP-FT                   | Lenz, M                    | ZLC 2-30                          | 12.8                              | 6.0                | 6.0          | Incl workstn & internal circulation     |
| Workstation   | Admin Assistant     | SUP-FT                   | Makaruk, J                 | ZLC 1-20C                         | 11.2                              | 6.0                | 6.0          | Incl workstn & internal circulation     |
| Workstation   | Admin Assistant     | SUP-FT                   | Mattiello, T               | ZLC 1-21                          | 9.6                               | 6.0                | 6.0          |   |
| Workstation   | Medical Secretary   | SUP-FT                   | McLeod, J                  | ZLC 1-41A                         | 9.7                               | 6.0                | 6.0          |   |
| Workstation   | Medical Secretary   | SUP-FT                   | Omasta, E                  | ZLC 1-24C                         | 11.4                              | 6.0                | 6.0          | Incl workstn & internal circulation     |
| Workstation   | Medical Secretary   | SUP-FT                   | Resendes, R                | ZLC 2-24C                         | 11.0                              | 6.0                | 6.0          | Incl workstn & internal circulation     |
| Workstation   | Admin Support       |                          | Semlacher, M               | ZLC 2-28C                         | -                                 | 6.0                | 6.0          | Externally funded                       |
| Workstation   | Medical Secretary   | SUP-FT                   | Stacey, P                  | ZLC 1-28C                         | 11.4                              | 6.0                | 6.0          | Incl workstn & internal circulation     |
| Workstation   | Admin Assistant     | SUP-FT                   | Tocheniuk, S               | ZLC 2-30C                         | 13.6                              | 6.0                | 6.0          | Incl workstn & internal circulation     |
| Workstation   |                     |                          | Vacant                     | ZLC 1-24D                         | 11.4                              | -                  | -            | Incl workstn & internal circulation     |
| Workstation   |                     |                          | Vacant                     | ZLC 1-31                          | 9.3                               | -                  | -            |   |
| Workstation   |                     |                          | Vacant                     | ZLC 1-41B                         | 9.7                               | -                  | -            |   |
| Office  |                     |                          | Vacant                     | ZLC 1-51                          | 10.4                              | -                  | -            |   |
| Workstation   |                     |                          | Vacant                     | ZLC 1-52                          | 10.2                              | -                  | -            |   |
| Workstation   | Admin Support       |                          | Future growth              | - -                               | -                                 | -                  | 24.0         | 1 per 2-3 physicians = 4@6.0 NSM        |
| <b>Subtotal</b>   |                     |                          |                            |                                   | <b>258.7</b>                      | <b>132.0</b>       | <b>156.0</b> | Exist'g space incl internal circulation |
| <b>4.2 Faculty, Full-time</b>                           |                     |                          |                            |                                   |                                   |                    |              |   |
| Office  | Division Director   | A1.5                     | Veldhuyzen Van Zanten, S   | ZLC 2-14A                         | 17.4                              | 12.0               | 12.0         | Professor 3                             |
| Office  | Professor 3         | A1.5                     | Bain, V                    | ZLC 1-55                          | 14.0                              | 12.0               | 12.0         |   |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.5 Dom DIVISION OF GASTROENTEROLOGY (cont'd)

| SPACE CATEGORY                                     |                      |                    |                         | Current Location |                   | GSP Space (Net Sq M) <sup>1</sup> |              |                           | Comments / Space Attributes          |
|--|----------------------|--------------------|-------------------------|------------------|-------------------|-----------------------------------|--------------|---------------------------|--------------------------------------|
| Space Use / Function                               | Position Type        | FoMD Planning Code | Person or PI/Group Name |                  |                   | 2012/13                           |              | Projected Reqm'ts 2017/18 |                                      |
|  |                      |                    |                         | Existing         | Immediate Reqm'ts |                                   |              |                           |                                      |
| Office   | Associate Professor  | A1.5               | Dieleman, L             | ZLC              | 2-24A             | 12.3                              | 12.0         | 12.0                      |                                      |
| Office   | Professor            |                    | Fedorak, R              | ZLC              | 2-30B             | 14.4                              | 12.0         | 12.0                      | Also serves as VP Research           |
| Office   | Associate Professor  | A1.5               | Gutfreund, K            | ZLC              | 1-28B             | 13.3                              | 12.0         | 12.0                      |                                      |
| Office   | Assistant Professor  | A1.5               | Kao, D                  | ZLC              | 2-24B             | 12.3                              | 12.0         | 12.0                      |                                      |
| Office   | Assistant Professor  | A1.5               | Karvellas, C            | ZLC              | 1-40              | 14.4                              | 12.0         | 12.0                      |                                      |
| Office   | Assistant Professor  | A1.5               | Kroeker, K              | ZLC              | 2-40              | 14.3                              | 12.0         | 12.0                      |                                      |
| Office   | Assistant Professor  | A1.5               | Lazarescu, A            | ZLC              | 2-30A             | 12.4                              | 12.0         | 12.0                      |                                      |
| Office   | Assistant Professor  | A1.5               | Liu, J                  | ZLC              | 1-38              | 12.3                              | 12.0         | 12.0                      |                                      |
| Office   | Associate Professor  | A1.5               | Ma, M                   | ZLC              | 1-24A             | 12.7                              | 12.0         | 12.0                      |                                      |
| Office   | Assistant Professor  | A1.5               | Montano-Loza, A         | ZLC              | 1-20B             | 12.8                              | 12.0         | 12.0                      |                                      |
| Office   | Associate Professor  | A1.5               | Sandha, G               | ZLC              | 2-28B             | 12.4                              | 12.0         | 12.0                      |                                      |
| Office   | Assistant Professor  | A1.5               | Tandon, P               | ZLC              | 1-28A             | 12.8                              | 12.0         | 12.0                      |                                      |
| Office   | Assistant Professor  | A1.5               | Teshima, C              | ZLC              | 2-28A             | 12.4                              | 12.0         | 12.0                      |                                      |
| Office   | Associate Professor  | A1.5               | Wong, W                 | ZLC              | 2-57              | 12.3                              | 12.0         | 12.0                      | Also serves as Assistant Dean, PGME  |
| Office   | Assistant Professor  | A1.5               | Zepeda-Gomez, S         | ZLC              | 1-20A             | 12.6                              | 12.0         | 12.0                      |                                      |
| Office   |                      |                    | Vacant                  | ZLC              | 1-24B             | 12.7                              | -            | -                         |                                      |
| Office   |                      |                    | Vacant                  | ZLC              | 1-36              | 12.4                              | -            | -                         |                                      |
| Office   | Associate Professor  | A1.5               | Goodman, K              | Katz             | 7-142G            | 12.3                              | 12.0         | 12.0                      | Office curenly located w/ wet lab    |
| Office   | Professor 3          | A1.1               | Jacobs, P               | Katz             | 7-142L            | 11.7                              | 12.0         | 12.0                      | Office curenly located w/ wet lab    |
| Office   | Assistant Professor  | A1.5               | Madsen, K               | Katz             | 7-142K            | 13.1                              | 12.0         | 12.0                      | Office curenly located w/ wet lab    |
| Office   | Professor 2          | A1.5               | Mason, A                | Katz             | 7-142J            | 12.1                              | 12.0         | 12.0                      | Office curenly located w/ wet lab    |
| Office   | Trust Professional   | A3.2               | Reuter, B               | Katz             | 7-142M            | 12.5                              | 12.0         | 12.0                      | Office curenly located w/ wet lab    |
| Office   | Assistant Professor  | A1.5               | Bistriz, L              | RAH              | -                 | -                                 | -            | -                         | Assume will remain at RAH            |
| Office   | Associate Professor  | A1.5               | Gramlich, L             | RAH              | -                 | -                                 | -            | -                         | Assume will remain at RAH            |
| Office   | Associate Professor  | A1.5               | Sadowski, D             | RAH              | CSC331            | -                                 | -            | -                         | Assume will remain at RAH            |
| Office   | Associate Professor  | A1.5               | Wong, C                 | RAH              | CSC218            | -                                 | -            | -                         | Assume will remain at RAH            |
| Office   | F-T Faculty          |                    | Future growth           | -                | -                 | -                                 | -            | 24.0                      | 2 addn'l F-T Faculty by 2012/13      |
| Office   | F-T Faculty          |                    | Future growth           | -                | -                 | -                                 | -            | 36.0                      | 3 addn'l F-T Faculty by 2013/14      |
| Office   | F-T Faculty          |                    | Future growth           | -                | -                 | -                                 | -            | 48.0                      | 4 addn'l F-T Faculty by 2014/15      |
| <b>Subtotal</b>                                    |                      |                    |                         |                  |                   | <b>311.9</b>                      | <b>264.0</b> | <b>372.0</b>              |                                      |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b> |                      |                    |                         |                  |                   |                                   |              |                           |                                      |
| Office   |                      | A1.5               | Sultanian, R            | ZLC              | 2-20A             | 12.4                              | 12.0         | 12.0                      |                                      |
| T-D Workstation                                    | Assoc Clin Professor | C1.2               | McKaigney, J            | ZLC              | 2-38              | 12.3                              | 3.0          | 3.0                       | Clinical faculty; shared T-D workstn |
| T-D Workstation                                    | Assoc Clin Professor | C1.2               | Semlacher, E            | ZLC              | -                 | -                                 | -            | -                         | "                                    |
| <b>Subtotal</b>                                    |                      |                    |                         |                  |                   | <b>24.7</b>                       | <b>15.0</b>  | <b>15.0</b>               |                                      |



APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.5 DoM DIVISION OF GASTROENTEROLOGY (cont'd)**

| SPACE CATEGORY  |                 |                          |                            | Current Location<br>Bldg Room No. | GSP Space (Net Sq M) <sup>1</sup> |                    |                | Comments / Space Attributes                                   |
|---|-----------------|--------------------------|----------------------------|-----------------------------------|-----------------------------------|--------------------|----------------|---|
| Space Use / Function  | Position Type   | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | 2012/13                           |                    | Projected      |   |
|   |                 |                          |                            | Existing                          | Immediate<br>Reqm'ts              | Reqm'ts<br>2017/18 |                |   |
| <b>4.4 Other Academic / Research / Clinical Staff</b>             |                 |                          |                            |                                   |                                   |                    |                |   |
| T-D Workstation   | Clinical Fellow | PG-CF                    | Alzafiri, R                | ZLC -                             | -                                 | 3.0                | 3.0            | 1 shared T-D workstn per 10 persons                           |
| T-D Workstation   | Clinical Fellow | PG-CF                    | Haimanot, S                | ZLC -                             | -                                 | -                  | -              | "   |
| T-D Workstation   | Clinical Fellow | PG-CF                    | Huang, V                   | ZLC -                             | -                                 | -                  | -              | "   |
| T-D Workstation   | Clinical Fellow | PG-CF                    | Kohansal, V                | ZLC -                             | -                                 | -                  | -              | "   |
| T-D Workstation   | Clinical Fellow | PG-CF                    | Syed, A                    | ZLC -                             | -                                 | -                  | -              | "   |
| <b>Subtotal</b>   |                 |                          |                            |                                   | <b>0.0</b>                        | <b>3.0</b>         | <b>3.0</b>     |   |
| <b>4.5 Trainees</b>   |                 |                          |                            |                                   |                                   |                    |                |   |
| Workstation   | Resident V      | PG-RES                   | Chaulk, J                  | ZLC 1-59                          | 49.7                              | 3.0                | 3.0            | Each sub-specialty Resident is assigned a 3.0 NSM workstation |
| Workstation   | Resident V      | PG-RES                   | D'Souza, P                 | ZLC 1-59                          | -                                 | 3.0                | 3.0            |   |
| Workstation   | Resident V      | PG-RES                   | Evaschesen, C              | ZLC 1-59                          | -                                 | 3.0                | 3.0            |   |
| Workstation   | Resident V      | PG-RES                   | Loomes, D                  | ZLC 1-59                          | -                                 | 3.0                | 3.0            |   |
| Workstation   | Resident IV     | PG-RES                   | Lu, C                      | ZLC 1-59                          | -                                 | 3.0                | 3.0            |   |
| Workstation   | Resident IV     | PG-RES                   | Peerani, F                 | ZLC 1-59                          | -                                 | 3.0                | 3.0            |   |
| Workstation   | Resident IV     | PG-RES                   | Ye, C                      | ZLC 1-59                          | -                                 | 3.0                | 3.0            |   |
| <b>Subtotal</b>   |                 |                          |                            |                                   | <b>49.7</b>                       | <b>21.0</b>        | <b>21.0</b>    |   |
| <b>4.6 Division Support Space</b>                                 |                 |                          |                            |                                   |                                   |                    |                |   |
| Reception/Waiting   | -               | -                        | -                          | ZLC 1-10                          | 21.2                              | 21.2               | 21.2           | NSM allocation based on exist'g size                          |
| Staff Room  | -               | -                        | -                          | ZLC 1-12                          | 37.2                              | 37.2               | 37.2           | "   |
| Storage, Pt Files   | -               | -                        | -                          | ZLC 1-23                          | 21.6                              | 21.6               | 21.6           | "   |
| Storage   | -               | -                        | -                          | ZLC 1-25A                         | 6.6                               | 6.6                | 6.6            | "   |
| Copy/Fax/Mail Room  | -               | -                        | -                          | ZLC 1-25                          | 21.7                              | 21.7               | 21.7           | "   |
| Server Room   | -               | -                        | -                          | ZLC 1-25A                         | 6.6                               | 6.6                | 6.6            | "   |
| Storage, Pt Files   | -               | -                        | -                          | ZLC 1-29                          | 16.3                              | 16.3               | 16.3           | "   |
| Conference Room   | -               | -                        | -                          | ZLC 2-10                          | 30.8                              | 30.8               | 30.8           | Space is shared 50/50 with the Office of Education            |
| Conference Room   | -               | -                        | -                          | ZLC 2-12                          | 17.1                              | 17.1               | 17.1           | "   |
| Copy/Fax Room   | -               | -                        | -                          | ZLC 2-37                          | 11.3                              | 11.3               | 11.3           | "   |
| <b>Subtotal</b>   |                 |                          |                            |                                   | <b>190.4</b>                      | <b>190.4</b>       | <b>190.4</b>   |   |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                 |                          |                            |                                   | <b>835.4</b>                      | <b>625.4</b>       | <b>757.4</b>   |   |
| <b>TOTAL: DoM, DIVISION OF GASTROENTEROLOGY</b>                   |                 |                          |                            |                                   | <b>1,128.1</b>                    | <b>876.4</b>       | <b>1,008.4</b> | <b>NSM<sup>2</sup></b>  |

Notes:

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. The existing area of 1,128.1 sqm includes portions of internal circulation, e.g. in a number of the open workstations in ZLC.

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.6 DoM DIVISION OF GENERAL INTERNAL MEDICINE

| SPACE CATEGORY   |                      |                    |                               | Current Location<br>Bldg Room No. |                    | GSP Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes  |
|--|----------------------|--------------------|-------------------------------|-----------------------------------|--------------------|-----------------------------------|--------------|--------------|--|
| Space Use / Function   | Position Type        | FoMD Planning Code | Person or PI/Group Name       |                                   |                    | 2012/13                           | Projected    |              |  |
|  |                      |                    |                               | Existing                          | Immediate Req'm'ts | 2017/18                           |              |              |  |
| <b>3. RESEARCH SPACE</b>   |                      |                    |                               |                                   |                    |                                   |              |              |  |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b>        |                      |                    |                               |                                   |                    |                                   |              |              |  |
| None identified  |                      |                    |                               |                                   |                    |                                   |              |              |  |
| <b>Subtotal</b>  |                      |                    |                               |                                   |                    | <b>0.0</b>                        | <b>0.0</b>   | <b>0.0</b>   |  |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b>                   |                      |                    |                               |                                   |                    |                                   |              |              |  |
| McAlister Research Group   | -                    | -                  | EPICORE                       | CP                                | 220                | -                                 | -            | -            | F. McAlister currently uses research staff & space in EPICORE<br>McAlister's team will locate in the CSB |
| Workstation  | Analyst, PhD         |                    | Bakal, J                      | LKS                               | 132-F              | 12.0                              | 6.0          | 6.0          | Currently located in VIGOUR  |
| Workstation  | Clinical Pharmacist  |                    | Fradette, M                   | CP                                | 220L               | 10.2                              | 6.0          | 6.0          | Currently located in EPICORE   |
| Workstation  | Analyst              |                    | Youngson, E                   | LKS                               |                    | -                                 | 6.0          | 6.0          | Currently located in VIGOUR  |
| Workstation  | Research Coordinator |                    | Future Growth                 | -                                 | -                  | -                                 | 6.0          | 6.0          | Future full-time position by 2014  |
| Workstation  | Fellow/MSc           |                    | Future Growth                 | -                                 | -                  | -                                 | 6.0          | 6.0          | Future full-time position by 2014  |
| Workstation  | Analyst              |                    | Future Growth                 | -                                 | -                  | -                                 | 6.0          | 6.0          | Future full-time position by 2014  |
| <b>Subtotal</b>  |                      |                    |                               |                                   |                    | <b>22.2</b>                       | <b>36.0</b>  | <b>36.0</b>  |  |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                      |                    |                               |                                   |                    |                                   |              |              |  |
| Majumdar (Me2) & Padwal Lab  | -                    | -                  | PI's: R. Padwal & S. Majumdar | LKS                               | 1-126, etc.        | 106.6                             | -            | -            | Part of ADI; assume will remain in the LKS; 106.6 NSM includes 1-126 & 1-126A/B/C/D/E/F/H/J              |
| Workstation  | Research Associate   |                    | Agborsangaya, C               | LKS                               | 1-126              | -                                 | 6.0          | 6.0          | "  |
| Workstation  | Research Coord, RN   | SUP-FT             | Bellerose, D                  | LKS                               | 1-126              | -                                 | 6.0          | 6.0          | "  |
| Workstation  | Research Coordinator |                    | Chetty, S                     | LKS                               | 1-126              | -                                 | 6.0          | 6.0          | "  |
| Workstation  | Research Student     |                    | Gabert, D                     | LKS                               | 1-126              | -                                 | 6.0          | 6.0          | "  |
| Workstation  | Research Coordinator |                    | Goa, G                        | LKS                               | 1-126              | -                                 | 6.0          | 6.0          | "  |
| Workstation  | Research Coord, RN   |                    | Parkinson, S                  | LKS                               | 1-126              | -                                 | 6.0          | 6.0          | "  |
| Workstation  | Research Student     |                    | Pederson, J                   | LKS                               | 1-126              | -                                 | 6.0          | 6.0          | "  |
| Workstation  | Fellow               |                    | Rueda-Clausen, C              | LKS                               | 1-126              | -                                 | 6.0          | 6.0          | "  |
| Workstation  | Grad Student, MSc    | GRAD               | Warkentin, L                  | LKS                               | 1-126              | -                                 | 6.0          | 6.0          | "  |
| Workstation  | Trust Research Acad  | A3.2               | Wang, X                       | LKS                               | 1-126              | -                                 | 6.0          | 6.0          | "  |
| Workstation  | PhD Trainee          |                    | Future Growth                 | -                                 | -                  | -                                 | 6.0          | 6.0          | Future full-time position by 2014  |
| Workstation  | Research Coordinator |                    | Future Growth                 | -                                 | -                  | -                                 | 6.0          | 6.0          | Future full-time position by 2014  |
| Computational Biology Lab  | -                    | -                  | -                             | Katz                              | 4-126              | -                                 | -            | -            | Shared FoMD space that is also used by GIM   |
| <b>Subtotal</b>  |                      |                    |                               |                                   |                    | <b>106.6</b>                      | <b>72.0</b>  | <b>72.0</b>  |  |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b>  |                      |                    |                               |                                   |                    |                                   |              |              |  |
| None identified  |                      |                    |                               |                                   |                    |                                   |              |              |  |
| <b>Subtotal</b>  |                      |                    |                               |                                   |                    | <b>0.0</b>                        | <b>0.0</b>   | <b>0.0</b>   |  |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                      |                    |                               |                                   |                    | <b>128.8</b>                      | <b>108.0</b> | <b>108.0</b> |  |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.6 DoM DIVISION OF GENERAL INTERNAL MEDICINE (cont'd)**

| SPACE CATEGORY  |                            |                          |                            | Current Location<br>Bldg Room No. |                      | GSP Space (Net Sq M) <sup>1</sup> |             |             | Comments / Space Attributes  |
|---|----------------------------|--------------------------|----------------------------|-----------------------------------|----------------------|-----------------------------------|-------------|-------------|--|
| Space Use / Function                                    | Position Type              | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   |                      | 2012/13                           |             | Projected   |  |
|   |                            |                          |                            | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18                |             |             |  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                            |                          |                            |                                   |                      |                                   |             |             |  |
| <b>4.1 Division Administration</b>                      |                            |                          |                            |                                   |                      |                                   |             |             |  |
| Workstation   | Admin Assistant            | SUP-FT                   | Bradford, M                | WMC                               | 2F1.28               | 14.7                              | 6.0         | 6.0         | Division Administrator   |
| Workstation   | Admin Assistant            | SUP-FT                   | Dacyk, K                   | WMC                               | 2F1.33               | 13.3                              | 6.0         | 6.0         | Strategic Education Coordinator                                      |
| Workstation   | Medical Secretary          | SUP-FT                   | Chetty, S                  | WMC                               | 2F1.34B              | 11.2                              | 6.0         | 6.0         |  |
| Workstation   | Admin Support              | SUP-FT                   | Clouston, J                | WMC                               | 2F1.37A              | 9.2                               | 6.0         | 6.0         |  |
| Workstation   | Admin Assistant            | SUP-FT                   | Frankton, S                | WMC                               | 2F1.30A              | 10.3                              | 6.0         | 6.0         | Executive Assistant to DD  |
| Workstation   | Program Coord              | SUP-FT                   | Hlady, C                   | WMC                               | 2F1.33               | -                                 | 6.0         | 6.0         |  |
| Workstation   | Medical Secretary          | SUP-FT                   | Pretty, S                  | WMC                               | 2F1.34A              | -                                 | 6.0         | 6.0         |  |
| Workstation   | Medical Secretary          | SUP-FT                   | Pullin, A                  | WMC                               | 2F1.37B              | -                                 | 6.0         | 6.0         |  |
| Workstation   | Medical Secretary          | SUP-FT                   | Stalker, G                 | WMC                               | 2F1.12A              | 18.7                              | 6.0         | 6.0         |  |
| Workstation   | Medical Secretary          | SUP-FT                   | Wynnyk, V                  | WMC                               | 2F1.12B              | -                                 | 6.0         | 6.0         |  |
| Workstation   | Admin Support              |                          | Gooley, C                  | RTF                               | 2-105                | 6.0                               | 6.0         | 6.0         |  |
| Workstation   | Admin Support              |                          | Future growth              | -                                 | -                    | -                                 | -           | 18.0        | 1 per 2-3 physicians = 3@6.0 NSM                                     |
| Workstation   | Admin Support (AHS)        | EXT                      | Grewa, S                   | RAH                               | CSC 310              | -                                 | -           | -           | Assume will remain at the RAH  |
| Workstation   | Admin Support (AHS)        | EXT                      | Murray, A                  | RAH                               | CSC 310              | -                                 | -           | -           | "  |
| Workstation   | Admin Support              | EXT                      | Rivers, V                  | RAH                               | CSC 310              | -                                 | -           | -           | "  |
| <b>Subtotal</b>   |                            |                          |                            |                                   |                      | <b>83.4</b>                       | <b>66.0</b> | <b>84.0</b> |  |
| <b>4.2 Faculty, Full-time</b>                           |                            |                          |                            |                                   |                      |                                   |             |             |  |
| Office  | Division Director          | A1.5                     | Kassam, N                  | WMC                               | 2F1.35               | 10.9                              | 12.0        | 12.0        | Associate Professor  |
| Office  | Assistant Professor        | A1.5                     | Daniels, V                 | WMC                               | 2F1.13               | 10.9                              | 12.0        | 12.0        |  |
| Office  | Professor 3                | A1.5                     | Fisher, B                  | WMC                               | 2F1.23               | 11.1                              | 12.0        | 12.0        |  |
| Office  | Assistant Professor        |                          | Ghosh, M                   | WMC                               | 1F1.09               | 10.9                              | 12.0        | 12.0        | Jan 2013 start date  |
| Office  | Assistant Professor        | A1.5                     | Goldstein, C               | WMC                               | 2F1.36               | 9.1                               | 12.0        | 12.0        |  |
| Office  | Professor 2                | A1.5                     | Hamilton, P                | WMC                               | 2F1.22               | 11.1                              | 12.0        | 12.0        |  |
| Office  | Professor 2                | A1.5                     | Majumdar, S                | WMC                               | 2F1.24               | 10.7                              | 12.0        | 12.0        |  |
| Office  | Professor 3                | A1.5                     | McAlister, F               | WMC                               | 2F1.21               | 15.6                              | 12.0        | 12.0        |  |
| Office  | Assistant Professor        | A1.5                     | Morales, F                 | WMC                               | 2F1.11               | 10.9                              | 12.0        | 12.0        |  |
| Office  | Associate Professor        | A1.5                     | Padwal, R                  | WMC                               | 2F1.26               | 10.1                              | 12.0        | 12.0        |  |
| Office  | Assistant Professor        | A1.5                     | Ringrose, J                | WMC                               | 2F1.38               | 12.1                              | 12.0        | 12.0        |  |
| Office  | Trust Tchg/Res Acad        | A3.1                     | Rourke, L                  | CSB                               | 13-130E              | -                                 | -           | -           | Dr. Rourke's office incl under DoM Admin; proximity to GIM desirable |
| Office  | Assistant Professor        |                          | Tapardel, A                | WMC                               | 2F1.16               | 11.3                              | 12.0        | 12.0        |  |
| Office  | F-T Faculty                |                          | Vacant                     | WMC                               |                      | -                                 | 12.0        | 12.0        | 1 vacant position under active recruitment                           |
| Office  | Professor / Associate Dean | A1.1                     | Hayward, B                 | RTF                               | 2-105                | 12.0                              | 12.0        | 12.0        | Existing area is an estimate; will relocate to CSB                   |
| Office  | Assistant Professor        | A1.5                     | Broadhurst, D              | Katz                              | 4-126A               | 11.6                              | 12.0        | 12.0        | Office will remain in Katz   |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.6 DoM DIVISION OF GENERAL INTERNAL MEDICINE (cont'd)

| SPACE CATEGORY  |                      |                          |                            | Current Location<br>Bldg Room No. |                      | GSP Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes       |
|---|----------------------|--------------------------|----------------------------|-----------------------------------|----------------------|-----------------------------------|--------------|--------------|-----------------------------------|
| Space Use / Function                                  | Position Type        | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   |                      | 2012/13                           |              | Projected    |                                   |
|   |                      |                          |                            | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18                |              |              |                                   |
| Office  | F-T Faculty          |                          | Future growth              | -                                 | -                    | -                                 | -            | 12.0         | 1 addn'l F-T Faculty by 2013/14   |
| Office  | F-T Faculty          |                          | Future growth              | -                                 | -                    | -                                 | -            | 84.0         | 7 addn'l F-T Faculty by 2014/15   |
| Office  | Associate Professor  | A1.5                     | Khurana, R                 | RAH                               | CSC 312              | -                                 | -            | -            | Will remain at the RAH            |
| Office  | Assistant Professor  | A1.5                     | Nerenberg, K               | RAH                               | CSC 310              | -                                 | -            | -            | "                                 |
| Office  | Assistant Professor  | A1.5                     | Sia, W                     | RAH                               | CSC 332              | -                                 | -            | -            | "                                 |
| <b>Subtotal</b>                                       |                      |                          |                            |                                   |                      | <b>158.3</b>                      | <b>180.0</b> | <b>276.0</b> |                                   |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>    |                      |                          |                            |                                   |                      |                                   |              |              |                                   |
| T-D Workstation                                       | Clin Acad Colleague  |                          | Abdulsamad, A              | WMC                               | 2F1.T-D              | -                                 | 3.0          | 3.0          | 1 shared T-D wkstn per 10 persons |
| T-D Workstation                                       | Clin Acad Colleague  |                          | Au, A                      | WMC                               | 2F1.T-D              | -                                 | 3.0          | 3.0          | "                                 |
| T-D Workstation                                       | Clin Acad Colleague  |                          | Bridgeland, L              | WMC                               | 2F1.T-D              | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Clin Acad Colleague  |                          | Cernohorsky, K             | WMC                               | 2F1.08               | 10.9                              | -            | -            | "                                 |
| T-D Workstation                                       | Clin Acad Colleague  |                          | Chui, B                    | WMC                               | 2F1.T-D              | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Clin Acad Colleague  | C1.2                     | Colbourne, S               | WMC                               | 2F1.T-D              | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Clin Acad Colleague  |                          | Craig, K                   | WMC                               | 2F1.T-D              | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Clin Acad Colleague  | C1.2                     | Ghani, A                   | WMC                               | 2F1.08               | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Clin Acad Colleague  |                          | Hwang, P                   | WMC                               | 2F1.T-D              | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Clin Acad Colleague  |                          | Ip, S                      | WMC                               | 2F1.T-D              | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Clin Acad Colleague  |                          | Reddy, S                   | WMC                               | 2F1.T-D              | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Clin Acad Colleague  |                          | Salmon, S                  | WMC                               | 2F1.08               | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Clin Acad Colleague  |                          | Thompson, S                | WMC                               | 2F1.T-D              | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Clin Acad Colleague  |                          | Vijay, S                   | WMC                               | 2F1.T-D              | -                                 | -            | -            | "                                 |
| <b>Subtotal</b>                                       |                      |                          |                            |                                   |                      | <b>10.9</b>                       | <b>6.0</b>   | <b>6.0</b>   |                                   |
| <b>4.4 Other Academic / Research / Clinical Staff</b> |                      |                          |                            |                                   |                      |                                   |              |              |                                   |
| T-D Workstation                                       | Postdoctoral Fellow  |                          | Albalawi, Z                | WMC                               | -                    | -                                 | 3.0          | 3.0          | 1 shared T-D wkstn per 10 persons |
| T-D Workstation                                       | Grad Student, MSc    |                          | Al-Mamaar, A               | WMC                               | -                    | -                                 | 3.0          | 3.0          | "                                 |
| T-D Workstation                                       | Postdoctoral Fellow  |                          | Babock, H                  | WMC                               | -                    | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Fellow, GIM          |                          | Benoit, L                  | WMC                               | -                    | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Fellow, GIM          |                          | Cawsey, S                  | WMC                               | -                    | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Clinical Fellow      | PG-CF                    | Ghamri, K                  | WMC                               | -                    | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Clin Research Fellow |                          | Choi, H                    | WMC                               | -                    | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Fellow, Surgery      |                          | Gill, R                    | WMC                               | -                    | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Grad Student, MSc    |                          | Houle, S                   | WMC                               | -                    | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Postdoctoral Fellow  |                          | Kahlon, S                  | WMC                               | -                    | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Grad Student, PhD    |                          | Lau, D                     | WMC                               | -                    | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Postdoctoral Fellow  |                          | Lyons, K                   | WMC                               | -                    | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Clinical Fellow      |                          | Michell-Viret, C           | WMC                               | -                    | -                                 | -            | -            | "                                 |
| T-D Workstation                                       | Fellow, GIM          |                          | Smith, A                   | WMC                               | -                    | -                                 | -            | -            | "                                 |
| <b>Subtotal</b>                                       |                      |                          |                            |                                   |                      | <b>0.0</b>                        | <b>6.0</b>   | <b>6.0</b>   |                                   |

**APPENDIX B - DETAILED DOM GSP SPACE TABLES**
**5.6 DoM DIVISION OF GENERAL INTERNAL MEDICINE (cont'd)**

| SPACE CATEGORY  |                    |                    |                         | Current Location |                  | GSP Space (Net Sq M) <sup>1</sup> |                   |                 | Comments / Space Attributes                                   |
|---|--------------------|--------------------|-------------------------|------------------|------------------|-----------------------------------|-------------------|-----------------|---|
| Space Use / Function  | Position Type      | FoMD Planning Code | Person or PI/Group Name |                  |                  | 2012/13                           |                   | Projected       |   |
|   |                    |                    |                         | Bldg             | Room No.         | Existing                          | Immediate Reqm'ts | 2017/18 Reqm'ts |   |
| <b>4.5 Trainees</b>   |                    |                    |                         |                  |                  |                                   |                   |                 |   |
| Residents Lounge  | -                  | -                  | Shared                  | WMC              | 2F1.18 / 2F2.33Z | 46.8                              | 46.8              | 46.8            | Assume Resident Lounge remains in the WMC                     |
| Workstation   | Resident V         |                    | Baptiste, J             | WMC              | "                | -                                 | 3.0               | 3.0             | Each sub-specialty Resident is assigned a 3.0 NSM workstation |
| Workstation   | Resident IV        |                    | Choudhury, R            | WMC              | "                | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident IV        |                    | Diep, C                 | WMC              | "                | -                                 | 3.0               | 3.0             | "   |
| Workstation   | Resident IV        |                    | Ho, P                   | WMC              | "                | -                                 | 3.0               | 3.0             | "   |
| Workstation   | Resident V         |                    | Leon Ardila, H          | WMC              | "                | -                                 | 3.0               | 3.0             | "   |
| Workstation   | Resident IV        |                    | Manhas, K               | WMC              | "                | -                                 | 3.0               | 3.0             | "   |
| Workstation   | Resident IV        |                    | Toor, E                 | WMC              | "                | -                                 | 3.0               | 3.0             | "   |
| Workstation   | Resident IV        |                    | Wilson, B               | WMC              | "                | -                                 | 3.0               | 3.0             | "   |
| Workstation   | Resident V         |                    | Winterstein, J          | WMC              | "                | -                                 | 3.0               | 3.0             | "   |
| Workstation   | Resident V         |                    | Zawadowski, M           | WMC              | "                | -                                 | 3.0               | 3.0             | "   |
| Workstation   | 2 addn'l Residents |                    | Vacant                  | WMC              | "                | -                                 | 6.0               | 6.0             | "   |
| <b>Subtotal</b>   |                    |                    |                         |                  |                  | <b>46.8</b>                       | <b>82.8</b>       | <b>82.8</b>     |   |
| <b>4.6 Division Support Space</b>                                 |                    |                    |                         |                  |                  |                                   |                   |                 |   |
| Reception   | -                  | -                  | -                       | -                | -                | -                                 | 6.0               | 6.0             | NSM guideline allocation                                      |
| Conference Room   | -                  | -                  | -                       | WMC              | 2F1.07           | 35.1                              | 18.0              | 18.0            | Guideline allocation; could share                             |
| Storage, Files  | -                  | -                  | -                       | -                | -                | -                                 | 9.0               | 9.0             | NSM guideline allocation                                      |
| Copy/Fax Room   | -                  | -                  | -                       | WMC              | 2F1.27           | 9.3                               | 9.0               | 9.0             | Guideline allocation; could share                             |
| <b>Subtotal</b>   |                    |                    |                         |                  |                  | <b>44.4</b>                       | <b>42.0</b>       | <b>42.0</b>     |   |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                    |                    |                         |                  |                  | <b>343.8</b>                      | <b>382.8</b>      | <b>496.8</b>    |   |
| <b>TOTAL: DoM, DIVISION OF GENERAL INTERNAL MEDICINE</b>          |                    |                    |                         |                  |                  | <b>472.6</b>                      | <b>490.8</b>      | <b>604.8</b>    | <b>NSM</b>  |

**Notes:**

1. All areas used in this document are net assignable square metres unless otherwise indicated.

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.7 DoM DIVISION OF GERIATRIC MEDICINE**

| SPACE CATEGORY   |                      |                          |                            | Current Location<br>Bldg Room No. |                      | GSP Space (Net Sq M) <sup>1</sup> |             |              | Comments / Space Attributes        |
|--|----------------------|--------------------------|----------------------------|-----------------------------------|----------------------|-----------------------------------|-------------|--------------|------------------------------------|
| Space Use / Function   | Position Type        | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   |                      | 2012/13                           |             | Projected    |                                    |
|  |                      |                          |                            | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18                |             |              |                                    |
| <b>3. RESEARCH SPACE</b>   |                      |                          |                            |                                   |                      |                                   |             |              |                                    |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b>        |                      |                          |                            |                                   |                      |                                   |             |              |                                    |
| None identified  |                      |                          |                            |                                   |                      |                                   |             |              |                                    |
| <b>Subtotal</b>  |                      |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>  | <b>0.0</b>   |                                    |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b>                   |                      |                          |                            |                                   |                      |                                   |             |              |                                    |
| Wagg Group   |                      |                          | PI: A. Wagg                | CSB                               | 1-114                | 16.4                              |             |              |                                    |
| "  | Research Staff       | SUP-FT                   | Yeung, J                   | CSB                               | 1-114                | -                                 | 6.0         | 6.0          | Existing incl in 16.4 NSM          |
| "  | Research Support     |                          | Future growth              | -                                 | -                    | -                                 | -           | 6.0          |                                    |
| "  | Post-doctoral Fellow |                          | Future growth              | -                                 | -                    | -                                 | -           | 6.0          |                                    |
| <b>Subtotal</b>  |                      |                          |                            |                                   |                      | <b>16.4</b>                       | <b>6.0</b>  | <b>18.0</b>  |                                    |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                      |                          |                            |                                   |                      |                                   |             |              |                                    |
| None identified  |                      |                          |                            |                                   |                      |                                   |             |              |                                    |
| <b>Subtotal</b>  |                      |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>  | <b>0.0</b>   |                                    |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b>  |                      |                          |                            |                                   |                      |                                   |             |              |                                    |
| None identified  |                      |                          |                            |                                   |                      |                                   |             |              |                                    |
| <b>Subtotal</b>  |                      |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>  | <b>0.0</b>   |                                    |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                      |                          |                            |                                   |                      | <b>16.4</b>                       | <b>6.0</b>  | <b>18.0</b>  |                                    |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>                    |                      |                          |                            |                                   |                      |                                   |             |              |                                    |
| <b>4.1 Division Administration</b>   |                      |                          |                            |                                   |                      |                                   |             |              |                                    |
| Workstation  | Admin Assistant      | SUP-FT                   | Cribb, D                   | CSB                               | 1-118                | 9.4                               | 6.0         | 6.0          |                                    |
| Workstation  | Admin Secretary      | SUP-FT                   | Kravic, J                  | CSB                               | 1-108                | 12.8                              | 6.0         | 6.0          |                                    |
| Workstation  | Admin Support        |                          | Future growth              | -                                 | -                    | -                                 | -           | 12.0         | 1 per 2 physicians = 2@6.0 NSM     |
| <b>Subtotal</b>  |                      |                          |                            |                                   |                      | <b>22.2</b>                       | <b>12.0</b> | <b>24.0</b>  |                                    |
| <b>4.2 Faculty, Full-time</b>  |                      |                          |                            |                                   |                      |                                   |             |              |                                    |
| Office   | Division Director    | A1.5                     | Wagg, A                    | CSB                               | 1-116                | 16.7                              | 12.0        | 12.0         | Professor 3                        |
| Office   | Associate Professor  | A1.5                     | Alagiakrishnan, K          | CSB                               | 1-122                | 18.4                              | 12.0        | 12.0         | Recently moved to CSB              |
| Office   | Associate Professor  | A1.5                     | Rolfson, D                 | CSB                               | B-139G               | 13.5                              | 12.0        | 12.0         | Also incl under DoM Dept Admin     |
| Office   | F-T Faculty          |                          | Vacant                     | -                                 | -                    | -                                 | 12.0        | 12.0         | Under active recruitment           |
| Office   | F-T Faculty          |                          | Future growth              | -                                 | -                    | -                                 | -           | 60.0         | 5 addn'l F-T Faculty by 2013/14    |
| Office   | Associate Professor  | A1.5                     | Lechelt, K                 | GRH                               | 1242                 | -                                 | -           | -            | Assume will remain at the Glenrose |
| <b>Subtotal</b>  |                      |                          |                            |                                   |                      | <b>48.6</b>                       | <b>48.0</b> | <b>108.0</b> |                                    |

**APPENDIX B - DETAILED DOM GSP SPACE TABLES**
**5.7 DoM DIVISION OF GERIATRIC MEDICINE (cont'd)**

| SPACE CATEGORY  |                     |                          |                            | Current Location<br>Bldg Room No. |                      | GSP Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes                                   |
|---|---------------------|--------------------------|----------------------------|-----------------------------------|----------------------|-----------------------------------|--------------|--------------|---|
| Space Use / Function  | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   |                      | 2012/13                           |              | Projected    |   |
|   |                     |                          |                            | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18                |              |              |   |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>                |                     |                          |                            |                                   |                      |                                   |              |              |   |
| Workstation   | Associate Professor | A1.6                     | Juby, A                    | CSB                               | 1-110                | 19.9                              | 6.0          | 6.0          | 0.8 FTE   |
| T-D Workstation   | Asst Clinical Prof  | C1.2                     | McAlister-L, F             | CSB                               | 1-122                | -                                 | 3.0          | 3.0          | 1 shared T-D workstn @ 3.0 NSM                                |
| T-D Workstation   | Asst Clinical Prof  | C1.2                     | Rucker, D                  | CSB                               | 1-110                | -                                 | -            | -            | "   |
| T-D Workstation   | Emeritus            | -                        | McCracken, P               | CSB                               | -                    | -                                 | -            | -            | "   |
| <b>Subtotal</b>   |                     |                          |                            |                                   |                      | <b>19.9</b>                       | <b>9.0</b>   | <b>9.0</b>   |   |
| <b>4.4 Other Academic / Research / Clinical Staff</b>             |                     |                          |                            |                                   |                      |                                   |              |              |   |
| None identified   |                     |                          |                            |                                   |                      |                                   |              |              |   |
| <b>Subtotal</b>   |                     |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>   | <b>0.0</b>   |   |
| <b>4.5 Trainees</b>   |                     |                          |                            |                                   |                      |                                   |              |              |   |
| Workstation   | Resident IV         |                          | Rai, R                     | -                                 | -                    | -                                 | 3.0          | 3.0          | Each sub-specialty Resident is assigned a 3.0 NSM workstation |
| Workstation   | 2 addn'l Residents  |                          | Future Growth              | -                                 | -                    | -                                 | 6.0          | 6.0          |   |
| <b>Subtotal</b>   |                     |                          |                            |                                   |                      | <b>0.0</b>                        | <b>9.0</b>   | <b>9.0</b>   |   |
| <b>4.6 Division Support Space</b>                                 |                     |                          |                            |                                   |                      |                                   |              |              |   |
| Reception   | -                   | -                        | -                          | -                                 | -                    | -                                 | 6.0          | 6.0          | NSM guideline allocation                                      |
| Conference Room   | -                   | -                        | -                          | CSB                               | 1-107                | 17.9                              | 18.0         | 18.0         | Guideline allocation; could share                             |
| Storage, Files  | -                   | -                        | -                          | -                                 | -                    | -                                 | 9.0          | 9.0          | NSM guideline allocation                                      |
| Copy/Fax Room   | -                   | -                        | -                          | -                                 | -                    | -                                 | 9.0          | 9.0          | Guideline allocation; could share                             |
| <b>Subtotal</b>   |                     |                          |                            |                                   |                      | <b>17.9</b>                       | <b>42.0</b>  | <b>42.0</b>  |   |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                     |                          |                            |                                   |                      | <b>108.6</b>                      | <b>120.0</b> | <b>192.0</b> |   |
| <b>TOTAL: DoM, DIVISION OF GERIATRIC MEDICINE</b>                 |                     |                          |                            |                                   |                      | <b>125.0</b>                      | <b>126.0</b> | <b>210.0</b> | <b>NSM</b>  |

**Notes:**

1. All areas used in this document are net assignable square metres unless otherwise indicated.

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.8 DoM DIVISION OF HEMATOLOGY

| SPACE CATEGORY  |                     |                          |                            | Current Location<br>Bldg Room No. | GSP Space (Net Sq M) <sup>1</sup> |                    |                | Comments / Space Attributes                              |
|---|---------------------|--------------------------|----------------------------|-----------------------------------|-----------------------------------|--------------------|----------------|--|
| Space Use / Function  | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | 2012/13                           |                    | Projected      |  |
|   |                     |                          |                            | Existing                          | Immediate<br>Reqm'ts              | Reqm'ts<br>2017/18 |                |  |
| <b>3. RESEARCH SPACE</b>  |                     |                          |                            |                                   |                                   |                    |                |  |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b> |                     |                          |                            |                                   |                                   |                    |                |  |
| Ritchie Wet Lab   | -                   | -                        | PI: B. Ritchie             | MSB 4-71                          | [76.5]                            | [76.5]             | [76.5]         | Space incl in the Dep't of Biochemistry facilities       |
| Workstation   | Research Support    |                          | Holland, C                 | MSB 4-71                          | -                                 | -                  | -              | 6.0 NSM allocation incl in 76.5 NSM                      |
| Workstation   | Research Support    | SUP-FT                   | Lee, A                     | MSB 4-71                          | -                                 | -                  | -              | "  |
| Workstation   | Research Support    | GRAD                     | Mathewson, K               | MSB 4-71                          | -                                 | -                  | -              | "  |
| Workstation   | Lab Tech            |                          | Miniaci, J                 | MSB 4-71                          | -                                 | -                  | -              | "  |
| Workstation   | Medical Secretary   |                          | Nabil, J                   | MSB 4-71                          | -                                 | -                  | -              | 50% Division of Hematology                               |
| Workstation   | Research Support    | SUP-FT                   | Peck, A                    | MSB 4-71                          | -                                 | -                  | -              | 6.0 NSM allocation incl in 76.5 NSM                      |
| Workstation   | Research Support    |                          | Ritchie, N                 | MSB 4-71                          | -                                 | -                  | -              | "  |
| Workstation   | Nurse Practitioner  | SUP-FT                   | Soll, T                    | MSB 4-71                          | -                                 | -                  | -              | "  |
| Workstation   | Lab Tech            |                          | Taylor, E                  | MSB 4-71                          | -                                 | -                  | -              | "  |
| Office  | Associate Professor | A1.5                     | Ritchie, B                 | MSB 4-71A                         | -                                 | -                  | -              | Office incl under 4.2 faculty, F-T                       |
| Ritchie Wet Lab / Biobank Facility                                  | -                   | -                        | PI: B. Ritchie             | LKS B-025/A /A1/026               | [155.5]                           | [155.5]            | [155.5]        | Space incl in the Biobank facility managed by B. Ritchie |
| Workstation   | Research Nurse      |                          | Ferland, J                 | LKS B-025A                        | -                                 | -                  | -              | 6.0 NSM allocation incl in 155.5 NSM                     |
| Workstation   | Research Nurse      |                          | Ghasemalizadeh, O          | LKS B-025A                        | -                                 | -                  | -              | "  |
| Workstation   | Research Nurse      | SUP-FT                   | Klassen, M                 | LKS B-025A                        | -                                 | -                  | -              | "  |
| Workstation   | Research Staff      |                          | Loyola, N                  | LKS B-025A                        | -                                 | -                  | -              | "  |
| Workstation   | Research Staff, AHS |                          | MacPherson, B              | LKS B-025A                        | -                                 | -                  | -              | "  |
| Workstation   | Research Support    | SUP-PT                   | Skinner, S                 | LKS B-025A                        | -                                 | -                  | -              | "  |
| Workstation   | Research Support    |                          | Young, A                   | LKS B-025A                        | -                                 | -                  | -              | "  |
| Workstation   | Research Staff      |                          | Skripitsky, J              | LKS B-025A                        | -                                 | -                  | -              | "  |
| Sandhu & Zhu Lab  | -                   | -                        | PI's: I. Sandhu & N. Zhu   | WMC 2B2.37/38                     | [35.0]                            | [35.0]             | [35.0]         | Assume lab will remain in the WMC                        |
| Workstation   | Research Coord, AHS |                          | Rackel, L                  | WMC "                             | -                                 | -                  | -              | 6.0 NSM allocation incl in 35.0 NSM                      |
| Workstation   | Research Nurse, AHS |                          | Pierce, V                  | WMC "                             | -                                 | -                  | -              | "  |
| <b>Subtotal</b>   |                     |                          |                            |                                   | <b>[267.0]</b>                    | <b>[267.0]</b>     | <b>[267.0]</b> |  |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b>            |                     |                          |                            |                                   |                                   |                    |                |  |
| Ritchie Dry Lab   | -                   | -                        | PI: B. Ritchie             | LKS 2-111                         | [33.6]                            | [33.6]             | [33.6]         | Space incl in the Alberta Diabetes Institute             |
| <b>Subtotal</b>   |                     |                          |                            |                                   | <b>[33.6]</b>                     | <b>[33.6]</b>      | <b>[33.6]</b>  |  |



APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.8 DoM DIVISION OF HEMATOLOGY (cont'd)**

| SPACE CATEGORY   |                       |                          |                            | Current Location<br>Bldg Room No. |                      | GSP Space (Net Sq M) <sup>1</sup> |             |             | Comments / Space Attributes   |
|--|-----------------------|--------------------------|----------------------------|-----------------------------------|----------------------|-----------------------------------|-------------|-------------|---|
| Space Use / Function   | Position Type         | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   |                      | 2012/13                           |             | Projected   |   |
|  |                       |                          |                            | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18                |             |             |   |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                       |                          |                            |                                   |                      |                                   |             |             |   |
| New DD Dry Lab   | -                     | -                        | PI: Division Director      | -                                 | -                    | -                                 | -           | -           | Clinical trials dry lab research team for the new Division Director |
| Workstation  | Data Manager          |                          |                            | -                                 | -                    | -                                 | -           | 6.0         |   |
| Workstation  | Research Assistant    |                          |                            | -                                 | -                    | -                                 | -           | 6.0         |   |
| Workstation  | Clinical Trials Staff |                          |                            | -                                 | -                    | -                                 | -           | 24.0        | Estimate of 4-5 clinical trials staff @ 6.0 NSM per workstation     |
| <b>Subtotal</b>  |                       |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>  | <b>36.0</b> |   |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b>  |                       |                          |                            |                                   |                      |                                   |             |             |   |
| None identified  |                       |                          |                            |                                   |                      |                                   |             |             |   |
| <b>Subtotal</b>  |                       |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>  | <b>0.0</b>  |   |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                       |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>  | <b>36.0</b> | Subtotal includes only 3.3 & 3.4                                    |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>                    |                       |                          |                            |                                   |                      |                                   |             |             |   |
| <b>4.1 Division Administration</b>   |                       |                          |                            |                                   |                      |                                   |             |             |   |
| Workstation  | Admin Assistant       | SUP-FT                   | Barkhouse, R               | CSB                               | 4-112D               | 13.3                              | 6.0         | 6.0         |   |
| Workstation  | Medical Secretary     | SUP-FT                   | Bezanson, T                | CSB                               | 4-112B               | 41.1                              | 6.0         | 6.0         | 5-6 workstations located in 4-112B                                  |
| Workstation  | Medical Secretary     | SUP-FT                   | Breedevelt, C              | CSB                               | 4-112B               | -                                 | 6.0         | 6.0         | "   |
| Workstation  | Admin Support         | SUP-FT                   | Lumacang, A                | CSB                               | 4-112P               | 27.3                              | 6.0         | 6.0         | 2 wkstns & files located in 4-112P                                  |
| Workstation  | Medical Transcrip     | SUP-FT                   | Olson, L                   | CSB                               | 4-112B               | -                                 | 6.0         | 6.0         | Existing space incl in 4-112B                                       |
| Workstation  | Medical Secretary     | SUP-FT                   | Prat, C                    | CSB                               | 4-112B               | -                                 | 6.0         | 6.0         | "   |
| Workstation  | Admin Support         | SUP-FT                   | Reidford, P                | CSB                               | 4-112N               | 43.6                              | 6.0         | 6.0         | 4 workstations located in 4-112N, plus internal circulation         |
| Workstation  | Medical Secretary     | SUP-FT                   | Sigurdur, K                | CSB                               | 4-112B               | -                                 | 6.0         | 6.0         | Existing space incl in 4-112B                                       |
| Workstation  | Admin Support         |                          | Vacant                     | -                                 | -                    | -                                 | 6.0         | 6.0         | In active recruitment   |
| Workstation  | Medical Secretary     |                          | Nabil, J                   | MSB                               | 4-71                 | -                                 | 6.0         | 6.0         | Wkstn currently located w/ wet lab                                  |
| Workstation  | Admin Support         |                          | Future growth              |                                   |                      |                                   |             | 12.0        | 1 per 2-3 physicians = 2@6.0 NSM; will locate in the CSB            |
| Workstation  | Medical Secretary     | SUP-PT                   | Lovstrom, L                | Cdn Bl                            |                      | -                                 | -           | -           | Will remain in Canadian Blood Serv                                  |
| <b>Subtotal</b>  |                       |                          |                            |                                   |                      | <b>125.3</b>                      | <b>60.0</b> | <b>72.0</b> |   |
| <b>4.2 Faculty, Full-time</b>  |                       |                          |                            |                                   |                      |                                   |             |             |   |
| Office   | Division Director     | A1.5                     | Larratt, L                 | CSB                               | 4-112M               | 14.4                              | 12.0        | 12.0        | Professor 3   |
| Office   | Assistant Professor   | A1.5                     | Hamilton, M                | CSB                               | 4-112C               | 14.3                              | 12.0        | 12.0        |   |
| Office   | Assistant Professor   | A1.5                     | Saini, L                   | CSB                               | 4-112J               | 13.3                              | 12.0        | 12.0        |   |
| Office   | Assistant Professor   | A1.5                     | Sandhu, I                  | CSB                               | 4-112K               | 13.3                              | 12.0        | 12.0        |   |
| Office   | Trust Academic        | A3.1                     | Wu, C                      | CSB                               | 4-112F               | 13.3                              | 12.0        | 12.0        |   |
| Office   | Assistant Professor   | A1.5                     | Zhu, N                     | CSB                               | 4-112G               | 13.1                              | 12.0        | 12.0        |   |
| Office   | Assistant Professor   |                          | Peters, A                  | CSB                               | 4-112E               | 13.3                              | 12.0        | 12.0        | ARP - New hire  |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.8 DoM DIVISION OF HEMATOLOGY (cont'd)**

| SPACE CATEGORY  |                     |                    |                         | Current Location<br>Bldg Room No. | GSP Space (Net Sq M) <sup>1</sup> |                    |                            | Comments / Space Attributes                              |
|---|---------------------|--------------------|-------------------------|-----------------------------------|-----------------------------------|--------------------|----------------------------|--|
| Space Use / Function  | Position Type       | FoMD Planning Code | Person or PI/Group Name |                                   | 2012/13 Existing                  | Immediate Req'm'ts | Projected Req'm'ts 2017/18 |  |
| Office  | Associate Professor | A1.5               | Ritchie, B              | MSB 4-71A                         | 11.3                              | 12.0               | 12.0                       | Office currently located w/ wet lab                      |
| Office  | Future growth       |                    | Future growth           |                                   | -                                 |                    | 72.0                       | 6 add'n'l F-T Faculty by 2014/15; will locate in the CSB |
| Office  | Professor 3         | A1.5               | Janowska-W, A           | Cdn Bl -                          | -                                 | -                  | -                          | Will remain in Canadian Blood Serv                       |
| <b>Subtotal</b>   |                     |                    |                         |                                   | <b>106.3</b>                      | <b>96.0</b>        | <b>168.0</b>               |  |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>                |                     |                    |                         |                                   |                                   |                    |                            |  |
| T-D Workstation   | Asst Clin Professor | C1.2               | Bodnar, M               | CSB -                             | -                                 | -                  | -                          | FFS Clinical; shared T-D workstation                     |
| T-D Workstation   | Clinical Lecturer   | C1.2               | Bolster, L              | CSB 4-112L                        | 13.3                              | 3.0                | 3.0                        | FFS Clinical; shared T-D workstation                     |
| T-D Workstation   | Emeritus            |                    | Mant, M                 | CSB 4-112N                        | -                                 | -                  | -                          | Shared T-D workstation                                   |
| T-D Workstation   | Asst Clin Professor |                    | Patterson, J            | CSB -                             | -                                 | -                  | -                          | Pending; shared T-D workstation                          |
| T-D Workstation   | Asst Clin Professor | C1.2               | Taparia, M              | CSB 4-112H                        | 13.3                              | 3.0                | 3.0                        | FFS Clinical; shared T-D workstation                     |
| T-D Workstation   |                     |                    | Turner, R               | CSB 4-112N                        | -                                 | -                  | -                          | Shared T-D workstation                                   |
| Workstation   | P-T Faculty         | C1.2               | Modi, M                 | WMC 5F4                           | -                                 | -                  | -                          | AHS Physician; no space allocation                       |
| <b>Subtotal</b>   |                     |                    |                         |                                   | <b>26.6</b>                       | <b>6.0</b>         | <b>6.0</b>                 |  |
| <b>4.4 Other Academic / Research / Clinical Staff</b>             |                     |                    |                         |                                   |                                   |                    |                            |  |
| T-D Workstation   |                     |                    | Crisp, N                | CSB 4-112P                        | -                                 | 3.0                | 3.0                        |  |
| <b>Subtotal</b>   |                     |                    |                         |                                   | <b>0.0</b>                        | <b>3.0</b>         | <b>3.0</b>                 |  |
| <b>4.5 Trainees</b>   |                     |                    |                         |                                   |                                   |                    |                            |  |
| Workstation   | Resident IV         | PG-RES             | Ontko, D                | CSB 4-112N                        | -                                 | 3.0                | 3.0                        | Existing space incl above                                |
| <b>Subtotal</b>   |                     |                    |                         |                                   | <b>0.0</b>                        | <b>3.0</b>         | <b>3.0</b>                 |  |
| <b>4.6 Division Support Space</b>                                 |                     |                    |                         |                                   |                                   |                    |                            |  |
| Reception   | -                   | -                  | -                       | CSB -                             | -                                 | 6.0                | 6.0                        | NSM guideline allocation                                 |
| Conference Room   | -                   | -                  | -                       | CSB 4-112A                        | 12.8                              | 18.0               | 18.0                       | Guideline allocation; could share                        |
| Storage, Files  | -                   | -                  | -                       | CSB 4-112T                        | 1.5                               | 9.0                | 9.0                        | NSM guideline allocation; existing space incl above      |
| Copy/Fax Room   | -                   | -                  | -                       | CSB 4-112P                        | -                                 | 9.0                | 9.0                        | Guideline allocation; could share                        |
| Internal Circulation  | -                   | -                  | -                       | CSB 4-112                         | [32.9]                            | [32.9]             | [32.9]                     | Circul not incl in GSP allocation                        |
| <b>Subtotal</b>   |                     |                    |                         |                                   | <b>14.3</b>                       | <b>42.0</b>        | <b>42.0</b>                |  |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                     |                    |                         |                                   | <b>272.5</b>                      | <b>210.0</b>       | <b>294.0</b>               |  |
| <b>TOTAL: DoM, DIVISION OF HEMATOLOGY</b>                         |                     |                    |                         |                                   | <b>272.5</b>                      | <b>210.0</b>       | <b>330.0</b>               | <b>NSM<sup>2</sup></b>                                   |

Notes:

1. All areas used in this document are net assignable square metres unless otherwise indicated.
2. The existing area of 272.5 sqm includes portions of internal circulation, e.g. in 4-112N.

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.9 DoM DIVISION OF INFECTIOUS DISEASES**

| SPACE CATEGORY   |                     |                    |                           | Current Location<br>Bldg Room No. |                   | GSP Space (Net Sq M) <sup>1</sup> |                |                | Comments / Space Attributes   |
|--|---------------------|--------------------|---------------------------|-----------------------------------|-------------------|-----------------------------------|----------------|----------------|---|
| Space Use / Function   | Position Type       | FoMD Planning Code | Person or PI/Group Name   |                                   |                   | 2012/13                           |                | Projected      |   |
|  |                     |                    |                           | Existing                          | Immediate Reqm'ts | 2017/18 Reqm'ts                   |                |                |   |
| <b>3. RESEARCH SPACE</b>   |                     |                    |                           |                                   |                   |                                   |                |                |   |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b>        |                     |                    |                           |                                   |                   |                                   |                |                |   |
| LKSIV - Kumar & Humar Wet Lab  | -                   | -                  | PI's: D. Kumar & A. Humar |                                   |                   | [185.9]                           | [185.9]        | [185.9]        | Kumar/Humar occupy portion of lab; space is allocated to LKSIV  |
| Tissue Culture Room  | -                   | -                  | "                         | Katz                              | 6-043D            | [17.2]                            | [17.2]         | [17.2]         | Space is allocated to LKSIV   |
| Workstation  | Lab Tech/Grad       |                    |                           | Katz                              | 6-043             | -                                 | -              | -              | NSM allocation incl in lab space  |
| <b>Kunimoto Wet Lab</b>  | -                   | -                  | <b>PI: D. Kunimoto</b>    | HMRC                              | 708               | [41.6]                            | [41.6]         | [41.6]         | Space is allocated to In Vivo NMR Research Group  |
| Office   | Professor 3         | A1.5               | Kunimoto, D               | HMRC                              | 713               | -                                 | -              | -              | Office incl under 4.2 Faculty F-T   |
| Workstation  | Medical Secretary   | SUP-PT             | Antwright, J              | HMRC                              | 713               | -                                 | -              | -              | Workstn incl under 4.1 Div Admin  |
| <b>Preiksaitis Wet Lab</b>   | -                   | -                  | <b>Preiksaitis, J</b>     | WMC                               | 2B2.21            | [66.8]                            | [66.8]         | [66.8]         | Area estimate; will remain in WMC   |
| Workstations   | Research Support    |                    | "                         | WMC                               | 2B2.08            | [13.0]                            | [13.0]         | [13.0]         | Now serves as Dr. Preiksaitis's office, who will move to the CSB; will retain space for support staff |
| <b>Subtotal</b>  |                     |                    |                           |                                   |                   | <b>[324.5]</b>                    | <b>[324.5]</b> | <b>[324.5]</b> |   |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b>                   |                     |                    |                           |                                   |                   |                                   |                |                |   |
| LKSIV - Kumar & Humar Dry Lab  | -                   | -                  | PI's: D. Kumar & A. Humar | Katz                              | 6-030             | [57.4]                            | [57.4]         | [57.4]         | NSM is allocated to LKSIV   |
| Workstation  | Research Support    | GRAD               | Lisboa, L                 | Katz                              | 6-030             | -                                 | -              | -              | NSM allocation incl in lab space  |
| Workstation  | Research Support    | SUP-FT             | Wilson, L                 | Katz                              | 6-030             | -                                 | -              | -              | NSM allocation incl in lab space  |
| Workstation  | Medical Secretary   | SUP-FT             | McEachren, C              | Katz                              | 6-030             | -                                 | 6.0            | 6.0            |   |
| Office   | Associate Professor | A1.5               | Humar, A                  | Katz                              | 6-030A            | 13.0                              | 12.0           | 12.0           | Office will remain w/ lab in Katz   |
| Office   | Associate Professor | A1.5               | Kumar, D                  | Katz                              | 6-030B            | 11.6                              | 12.0           | 12.0           | Office will remain w/ lab in Katz   |
| Workstation  | Medical Secretary   | SUP-FT             | Bock, B                   | Katz                              | 6-010             | -                                 | 6.0            | 6.0            |   |
| <b>Subtotal</b>  |                     |                    |                           |                                   |                   | <b>24.6</b>                       | <b>36.0</b>    | <b>36.0</b>    |   |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                     |                    |                           |                                   |                   |                                   |                |                |   |
| Shafran Lab  | -                   | -                  | PI: S. Shafran            | OPR                               | 3T1               |                                   |                |                |   |
| Workstation  | Admin Assistant     | SUP-FT             | Douglas, C                | OPR                               | 3T1.22            | 13.0                              | 6.0            | 6.0            | Shared office w/ 2 workstations   |
| Workstation  | Research Nurse      | EXT                | Lindemulder, A            | OPR                               | 3T1.22            | -                                 | 6.0            | 6.0            | "   |
| Office   |                     | EXT                | Mangan, H                 | OPR                               | 3T1.26            | 13.0                              | 6.0            | 6.0            |   |
| Office   |                     | EXT                | Tomlinson, K              | OPR                               | 3T1.24            | 13.0                              | 6.0            | 6.0            |   |
| Office   |                     |                    | Vacant                    | OPR                               | 3T1.21            | 13.0                              | 6.0            | 6.0            |   |
| Storage  | -                   | -                  |                           | OPR                               | 3T1.25            | 13.0                              | 6.0            | 6.0            |   |
| <b>Subtotal</b>  |                     |                    |                           |                                   |                   | <b>65.0</b>                       | <b>36.0</b>    | <b>36.0</b>    |   |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b>  |                     |                    |                           |                                   |                   |                                   |                |                |   |
| None identified  |                     |                    |                           |                                   |                   |                                   |                |                |   |
| <b>Subtotal</b>  |                     |                    |                           |                                   |                   | <b>0.0</b>                        | <b>0.0</b>     | <b>0.0</b>     |   |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                     |                    |                           |                                   |                   | <b>89.6</b>                       | <b>72.0</b>    | <b>72.0</b>    | Subtotal includes only dry lab space  |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.9 DOM DIVISION OF INFECTIOUS DISEASES (cont'd)**

| SPACE CATEGORY  |                     |                          |                            | Current Location<br>Bldg Room No. | GSP Space (Net Sq M) <sup>1</sup> |                    |              | Comments / Space Attributes |   |
|---|---------------------|--------------------------|----------------------------|-----------------------------------|-----------------------------------|--------------------|--------------|-----------------------------|---|
| Space Use / Function                                    | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | 2012/13                           |                    | Projected    |                             |   |
|   |                     |                          |                            | Existing                          | Immediate<br>Reqm'ts              | Reqm'ts<br>2017/18 |              |                             |   |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                     |                          |                            |                                   |                                   |                    |              |                             |   |
| <b>4.1 Division Administration</b>                      |                     |                          |                            |                                   |                                   |                    |              |                             |   |
| Workstation   | Medical Secretary   | SUP-PT                   | Mallett, S                 | CSB                               | 13-130F                           | 9.4                | 6.0          | 6.0                         |   |
| Workstation   | Admin Assistant     | SUP-FT                   | Tytler, A                  | WMC                               | 2E4.16                            | 22.8               | 6.0          | 6.0                         | 4 workstations located in 2E4.16                        |
| Workstation   | Medical Secretary   | SUP-FT                   | La Trace, J                | WMC                               | 2E4.16                            | -                  | 6.0          | 6.0                         | "   |
| Workstation   | Admin Clerk         | SUP-FT                   | McDonald, J                | WMC                               | 2E4.16                            | -                  | 6.0          | 6.0                         | "   |
| Workstation   | Medical Secretary   | SUP-FT                   | Blouin, A                  | WMC                               | 2E4.16                            | -                  | 6.0          | 6.0                         | "   |
| Workstation   | Medical Secretary   | SUP-PT                   | Antwright, J               | HMRC                              | 713                               | -                  | 6.0          | 6.0                         | Will relocate to the CSB w/ division                    |
| Workstation   | Admin Support       |                          | Future growth              | -                                 | -                                 | -                  | -            | 6.0                         | 1 per 2 physicians = 1@6.0 NSM                          |
| Workstation   | Medical Secretary   | SUP-FT                   | Melnyk, P                  | RAH                               |                                   | -                  | -            | -                           | Will remain at RAH                                      |
| Workstation   | Admin Support       |                          | Future growth              | RAH                               |                                   | -                  | -            | -                           | 1 per 2 physicians; locate at RAH                       |
| <b>Subtotal</b>   |                     |                          |                            |                                   |                                   | <b>32.2</b>        | <b>36.0</b>  | <b>42.0</b>                 |   |
| <b>4.2 Faculty, Full-time</b>                           |                     |                          |                            |                                   |                                   |                    |              |                             |   |
| Office  | Division Director   | A1.5                     | Taylor, G                  | WMC                               | 2E4.14                            | 10.7               | 12.0         | 12.0                        | Professor 3   |
| Office  | Associate Professor | A1.5                     | Doucette, K                | WMC                               | 2E4.15                            | 12.1               | 12.0         | 12.0                        |   |
| Office  | Professor 3         | A1.5                     | Houston, S                 | WMC                               | 2E4.12                            | 10.1               | 12.0         | 12.0                        |   |
| Office  | Professor 3         | A1.1                     | Preiksaitis, J             | WMC                               | 2B2.08                            | -                  | 12.0         | 12.0                        | Exist'g office NSM incl above w/ lab                    |
| Office  | Associate Professor | A1.5                     | Saxinger, L                | WMC                               | 2E4.19                            | 20.4               | 12.0         | 12.0                        |   |
| Office  | Professor 3         | A1.1                     | Shafran, S                 | WMC                               | 2E4.13                            | 10.7               | 12.0         | 12.0                        |   |
| Office  | Assistant Professor | A1.5                     | Smith, S                   | WMC                               | 2E4.20                            | 12.1               | 12.0         | 12.0                        | Moving from 2E1, October 2012                           |
| Office  | Assistant Professor |                          | O'Shea, D                  | -                                 | -                                 | -                  | 12.0         | 12.0                        | New faculty, March 2013                                 |
| Office  | Professor 3         | A1.5                     | Kunimoto, D                | HMRC                              | 713                               | 29.4               | 12.0         | 12.0                        | Allocation for future faculty office in CSB             |
| Office  | Associate Professor | A1.5                     | Humar, A                   | Katz                              | 6-030A                            | -                  | -            | -                           | Office incl above w/ dry lab in Katz                    |
| Office  | Associate Professor | A1.5                     | Kumar, D                   | Katz                              | 6-030B                            | -                  | -            | -                           | Office incl above w/ dry lab in Katz                    |
| Office  | F-T Faculty         |                          | Future growth              | -                                 | -                                 | -                  | -            | 12.0                        | 1 addn'l F-T Faculty by 2012/13                         |
| Office  | Assistant Professor | A1.5                     | Ahmed, R                   | RAH                               | CSC 310                           | -                  | -            | -                           | Will remain at the RAH                                  |
| Office  | Associate Professor | A1.5                     | Chiu, I                    | RAH                               |                                   | -                  | -            | -                           | Will remain at the RAH                                  |
| Office  | Assistant Professor | A1.5                     | Cooper, R                  | RAH                               |                                   | -                  | -            | -                           | Will remain at the RAH                                  |
| Office  | Professor 2         | A1.5                     | Joffe, M                   | RAH                               |                                   | -                  | -            | -                           | Will remain at the RAH                                  |
| Office  | Trust Academic      | A3.1                     | Rosser, S                  | RAH                               | CSC 310                           | -                  | -            | -                           | Will remain at the RAH                                  |
| Office  | F-T Faculty         |                          | Future growth              | RAH                               |                                   | -                  | -            | -                           | 1 addn'l F-T Faculty by 2014/15; will locate at the RAH |
| <b>Subtotal</b>   |                     |                          |                            |                                   |                                   | <b>105.5</b>       | <b>108.0</b> | <b>120.0</b>                |   |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.9 DoM DIVISION OF INFECTIOUS DISEASES (cont'd)

| SPACE CATEGORY  |                      |                    |                         |                                | GSP Space (Net Sq M) <sup>1</sup> |                   |                           | Comments / Space Attributes |  |            |
|---|----------------------|--------------------|-------------------------|--------------------------------|-----------------------------------|-------------------|---------------------------|-----------------------------|--|------------|
| Space Use / Function  | Position Type        | FoMD Planning Code | Person or PI/Group Name | Current Location Bldg Room No. | 2012/13                           |                   | Projected Reqm'ts 2017/18 |                             |  |            |
|   |                      |                    |                         |                                | Existing                          | Immediate Reqm'ts |                           |                             |  |            |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>                |                      |                    |                         |                                |                                   |                   |                           |                             |  |            |
| Workstation   | Adjunct Professor    | C1.4               | Tyrrell, L              | Katz                           | 6-010                             | -                 | 6.0                       | 6.0                         | Will remain in Katz  |            |
| <b>Subtotal</b>   |                      |                    |                         |                                |                                   | <b>0.0</b>        | <b>6.0</b>                | <b>6.0</b>                  |  |            |
| <b>4.4 Other Academic / Research / Clinical Staff</b>             |                      |                    |                         |                                |                                   |                   |                           |                             |  |            |
| T-D Workstation   | Clinical Fellow      | PG-CF              | Burton, C               | -                              | -                                 | -                 | 3.0                       | 3.0                         | Clinical Fellows will remain in KATZ; 1 shared T-D workstn @ 3.0 NSM   |            |
| T-D Workstation   | Clinical Fellow      | PG-CF              | Egli, A                 | -                              | -                                 | -                 | -                         | -                           |  |            |
| <b>Subtotal</b>   |                      |                    |                         |                                |                                   | <b>0.0</b>        | <b>3.0</b>                | <b>3.0</b>                  |  |            |
| <b>4.5 Trainees</b>   |                      |                    |                         |                                |                                   |                   |                           |                             |  |            |
| Resident Office   | -                    | -                  | -                       | WMC                            | 2E4.18                            | 29.2              | -                         | -                           | Each sub-specialty Resident is assigned a 3.0 NSM workstation<br><br>" |            |
| Workstation   | Resident V           | PG-RES             | Asadi, L                | -                              | -                                 | -                 | 3.0                       | 3.0                         |  |            |
| Workstation   | Resident IV          | PG-RES             | King, A                 | -                              | -                                 | -                 | 3.0                       | 3.0                         |  |            |
| Workstation   | 1-2 addn'l Residents |                    | Future Growth           | -                              | -                                 | -                 | 6.0                       | 6.0                         |  |            |
| <b>Subtotal</b>   |                      |                    |                         |                                |                                   | <b>29.2</b>       | <b>12.0</b>               | <b>12.0</b>                 |  |            |
| <b>4.6 Division Support Space</b>                                 |                      |                    |                         |                                |                                   |                   |                           |                             |  |            |
| Reception   | -                    | -                  | -                       | -                              | -                                 | -                 | 6.0                       | 6.0                         | NSM guideline allocation   |            |
| Conference Room   | -                    | -                  | -                       | -                              | -                                 | -                 | 18.0                      | 18.0                        | Guideline allocation; could share                                      |            |
| Storage, Files  | -                    | -                  | -                       | -                              | -                                 | -                 | 9.0                       | 9.0                         | NSM guideline allocation   |            |
| Copy/Fax Room   | -                    | -                  | -                       | WMC                            | 2E4.02                            | -                 | 9.0                       | 9.0                         | Guideline allocation; could share                                      |            |
| <b>Subtotal</b>   |                      |                    |                         |                                |                                   | <b>0.0</b>        | <b>42.0</b>               | <b>42.0</b>                 |  |            |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                      |                    |                         |                                |                                   |                   | <b>166.9</b>              | <b>207.0</b>                | <b>225.0</b>   |            |
| <b>TOTAL: DoM, DIVISION OF INFECTIOUS DISEASES</b>                |                      |                    |                         |                                |                                   |                   | <b>256.5</b>              | <b>279.0</b>                | <b>297.0</b>   | <b>NSM</b> |

Notes:

1. All areas used in this document are net assignable square metres unless otherwise indicated.

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.10 DoM DIVISION OF NEPHROLOGY**

| SPACE CATEGORY  |                      |                    |   | Current Location |          | GSP Space (Net Sq M) <sup>1</sup> |                   |           | Comments / Space Attributes          |
|---|----------------------|--------------------|---|------------------|----------|-----------------------------------|-------------------|-----------|--------------------------------------|
| Space Use / Function  | Position Type        | FoMD Planning Code | Person or PI/Group Name                   |                  |          | 2012/13                           |                   | Projected |                                      |
|   |                      |                    |   | Bldg             | Room No. | Existing                          | Immediate Reqm'ts | 2017/18   |                                      |
| <b>3. RESEARCH SPACE</b>  |                      |                    |   |                  |          |                                   |                   |           |                                      |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b> |                      |                    |   |                  |          |                                   |                   |           |                                      |
| <b>Nephrology Research Lab</b>                                      |                      |                    | <b>PI's: V. Luyckx &amp; T. Mueller</b>   |                  |          |                                   |                   |           | Space incl under FoMD wet labs       |
| Serviced Lab  | -                    | -                  | "   | HMRC             | 2-60     | [229.0]                           | [229.0]           | [229.0]   | NSM allocation based on exist'g size |
| Darkroom  | -                    | -                  | "   | HMRC             | 2-60A    | [8.0]                             | [8.0]             | [8.0]     | "                                    |
| Cold Room/freezer   | -                    | -                  | "   | HMRC             | 2-60D    | [9.8]                             | [9.8]             | [9.8]     | "                                    |
| Incubator Room  | -                    | -                  | "   | HMRC             | 2-60G    | [15.2]                            | [15.2]            | [15.2]    | "                                    |
| Office  | Associate Professor  | A1.5               | Luyckx, V                                 | HMRC             | 2-60B    | -                                 | -                 | -         | Office incl under 4.2 F-T Faculty    |
| Office  | Assistant Professor  | A1.5               | Mueller, T                                | HMRC             | 2-60F    | -                                 | -                 | -         | Office incl under 4.2 F-T Faculty    |
| Workstation   | Clin Research Fellow | PG-CRF             | Al-Sehli, R                               | HMRC             | 2-60E    | [11.6]                            | [11.6]            | [11.6]    | NSM allocation based on exist'g size |
| Workstation   | Laboratory Tech      | SUP-FT             | Compston, C                               | HMRC             | 2-60     | -                                 | -                 | -         | NSM allocation incl in lab space     |
| Office/Workstation  | Medical Secretary    | SUP-FT             | Bava, A                                   | HMRC             | 2-60F1   | -                                 | -                 | -         | Workstn incl under 4.1 Div Admin     |
| Office/Workstation  | Medical Secretary    | SUP-FT             | Ramos, K                                  | HMRC             | 2-60F1   | -                                 | -                 | -         | Workstn incl under 4.1 Div Admin     |
| Workstation   | Research Support     | GRAD               | Haddad, G                                 | HMRC             | 2-60     | -                                 | -                 | -         | NSM allocation incl in lab space     |
| Workstation   | Research Support     | GRAD               | Obeidat, M                                | HMRC             | 2-60     | -                                 | -                 | -         | "                                    |
| Workstation   | Research Support     | GRAD               | Tavasolie, M                              | HMRC             | 2-60     | -                                 | -                 | -         | "                                    |
| Workstations  | Graduate Students    |                    | Various                                   | HMRC             | 2-60H    | [19.3]                            | [19.3]            | [19.3]    | NSM allocation based on exist'g size |
| <b>Nephrology Research Lab</b>                                      |                      |                    | <b>PI's: N.Jahroudi &amp; P. Halloran</b> |                  |          |                                   |                   |           |                                      |
| Serviced Lab  | -                    | -                  | "   | HMRC             | 2-61     | [139.2]                           | [139.2]           | [139.2]   | NSM allocation based on exist'g size |
| Interior Lab Room   | -                    | -                  | "   | HMRC             | 2-61A    | [6.2]                             | [6.2]             | [6.2]     | "                                    |
| Interior Lab Room   | -                    | -                  | "   | HMRC             | 2-61B    | [6.3]                             | [6.3]             | [6.3]     | "                                    |
| Imaging/Microscope  | -                    | -                  | "   | HMRC             | 2-61D    | [10.4]                            | [10.4]            | [10.4]    | "                                    |
| Tissue Culture Room   | -                    | -                  | "   | HMRC             | 2-61E    | [24.6]                            | [24.6]            | [24.6]    | "                                    |
| Office  | Associate Professor  | A1.5               | Jahroudi, N                               | HMRC             | 2-61C    | -                                 | -                 | -         | Office incl under 4.2 F-T Faculty    |
| Workstation   | Admin Support        |                    | Ramos, K                                  | HMRC             | 2-61B1   | -                                 | -                 | -         | Workstn incl under 4.1 Div Admin     |
| Workstation   | Research Support     | GRAD               | Shirvaiker, N                             | HMRC             | 2-61     | -                                 | -                 | -         | NSM allocation incl in lab space     |
| Workstation   | Research Support     | GRAD               | Mojiri, A                                 | HMRC             | 2-61     | -                                 | -                 | -         | "                                    |
| Workstation   | Research Support     |                    | Shuo, S                                   | HMRC             | 2-61     | -                                 | -                 | -         | "                                    |
| <b>Nephrology Research Lab</b>                                      |                      |                    | <b>PI's: B. Braam &amp; A. Murray</b>     |                  |          |                                   |                   |           |                                      |
| Serviced Lab  | -                    | -                  | "   | HMRC             | 2-75     | [57.7]                            | [57.7]            | [57.7]    | NSM allocation based on exist'g size |
| Interior Lab Room   | -                    | -                  | "   | HMRC             | 2-75B    | [10.0]                            | [10.0]            | [10.0]    | "                                    |
| Office  | Associate Professor  | A1.5               | Murray, A                                 | HMRC             | 2-75A    | -                                 | -                 | -         | Office incl under 4.2 F-T Faculty    |
| Workstation   | Lab Assistant        | SUP-FT             | Huang, Y                                  | HMRC             | 2-75     | -                                 | -                 | -         | NSM allocation incl in lab space     |
| Workstation   | Biological Tech      | SUP-FT             | Kulak, S                                  | HMRC             | 2-75     | -                                 | -                 | -         | "                                    |
| Workstation   | Trust Research Assoc | A3.2               | Li, L                                     | HMRC             | 2-75     | -                                 | -                 | -         | "                                    |
| Workstation   | Research Support     | SUP-FT             | Xu, B                                     | HMRC             | 2-75     | -                                 | -                 | -         | "                                    |
| Workstation   | Research Support     | SUP-FT             | Zhang, Q                                  | HMRC             | 2-75     | -                                 | -                 | -         | "                                    |
| Workstation   | Laboratory Tech      | SUP-FT             | Zhuang, W                                 | HMRC             | 2-75     | -                                 | -                 | -         | "                                    |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.10 DoM DIVISION OF NEPHROLOGY (cont'd)**

| SPACE CATEGORY       |                     |                    |                         | Current Location |                   | GSP Space (Net Sq M) <sup>1</sup> |         |           | Comments / Space Attributes          |
|----------------------|---------------------|--------------------|-------------------------|------------------|-------------------|-----------------------------------|---------|-----------|--------------------------------------|
| Space Use / Function | Position Type       | FoMD Planning Code | Person or PI/Group Name |                  |                   | 2012/13                           |         | Projected |                                      |
|                      |                     |                    |                         | Existing         | Immediate Reqm'ts | 2017/18 Reqm'ts                   |         |           |                                      |
| <b>ATAGC</b>         |                     |                    | <b>PI: P. Halloran</b>  |                  |                   |                                   |         |           |                                      |
| Office               | Professor 3         | A1.1               | Halloran, P             | HMRC             | 2-50E             | -                                 | -       | -         | Office incl under 4.2 F-T Faculty    |
| Workstation          | Research Support    |                    | Berezan, D              | HMRC             | 2-50G             | [14.5]                            | [14.5]  | [14.5]    | NSM allocation based on exist'g size |
| Workstation          | Research Support    | SUP-FT             | Chang, J                | HMRC             | 2-50G             | -                                 | -       | -         | "                                    |
| Workstation          | Postdoctoral Fellow | PDF                | Pereira, A              | HMRC             | 2-50C             | [6.2]                             | [6.2]   | [6.2]     | "                                    |
| Workstation          | Medical Secretary   | SUP-FT             | Ryan, M                 | HMRC             | 2-50F             | -                                 | -       | -         | Workstn incl under 4.1 Div Admin     |
| Office/Workstation   | Trust Adm/Manager   | A3.3               | Zaragoza, D             | HMRC             | 2-50B             | [6.2]                             | [6.2]   | [6.2]     | NSM allocation based on exist'g size |
| Workstation          |                     |                    | Vacant                  | HMRC             | 2-50A             | [6.2]                             | [6.2]   | [6.2]     | "                                    |
| Meeting Room         | -                   | -                  | ATAGC                   | HMRC             | 2-50D             | [14.4]                            | [14.4]  | [14.4]    | "                                    |
| <b>ATAGC Wet Lab</b> |                     |                    | <b>PI: Halloran, P</b>  |                  |                   |                                   |         |           |                                      |
| Imaging Core         | -                   | -                  | "                       | LKS              | 3-010             | [33.3]                            | [33.3]  | [33.3]    | NSM allocation based on exist'g size |
| Research Lab         | -                   | -                  | "                       | LKS              | 3-010A            | [10.3]                            | [10.3]  | [10.3]    | "                                    |
| Research Lab         | -                   | -                  | "                       | LKS              | 3-010B            | [10.3]                            | [10.3]  | [10.3]    | "                                    |
| Research Lab         | -                   | -                  | "                       | LKS              | 3-010C            | [12.5]                            | [12.5]  | [12.5]    | "                                    |
| Histopathology Core  | -                   | -                  | "                       | LKS              | 3-012             | [50.8]                            | [50.8]  | [50.8]    | "                                    |
| Special Equip Room   | -                   | -                  | "                       | LKS              | 3-012A            | [11.1]                            | [11.1]  | [11.1]    | "                                    |
| Equipment Corridor   | -                   | -                  | "                       | LKS              | 3-018             | [29.1]                            | [29.1]  | [29.1]    | "                                    |
| Immunology Core      | -                   | -                  | "                       | LKS              | 3-024             | [39.8]                            | [39.8]  | [39.8]    | "                                    |
| Workroom             | -                   | -                  | "                       | LKS              | 3-024A            | [18.5]                            | [18.5]  | [18.5]    | "                                    |
| Tissue Culture Room  | -                   | -                  | "                       | LKS              | 3-028             | [31.4]                            | [31.4]  | [31.4]    | "                                    |
| Special Equip Room   | -                   | -                  | "                       | LKS              | 3-032             | [35.5]                            | [35.5]  | [35.5]    | "                                    |
| IT Core              | -                   | -                  | "                       | LKS              | 3-036             | [42.3]                            | [42.3]  | [42.3]    | "                                    |
| Research Lab         | -                   | -                  | "                       | LKS              | 3-040             | [106.0]                           | [106.0] | [106.0]   | "                                    |
| Special Equip Room   | -                   | -                  | "                       | LKS              | 3-040A            | [9.8]                             | [9.8]   | [9.8]     | "                                    |
| Special Equip Room   | -                   | -                  | "                       | LKS              | 3-040B            | [7.4]                             | [7.4]   | [7.4]     | "                                    |
| Special Equip Room   | -                   | -                  | "                       | LKS              | 3-040C            | [16.4]                            | [16.4]  | [16.4]    | "                                    |
| Proteomics Core      | -                   | -                  | "                       | LKS              | 3-045             | [72.4]                            | [72.4]  | [72.4]    | "                                    |
| Research Lab         | -                   | -                  | "                       | LKS              | 3-045A            | [54.6]                            | [54.6]  | [54.6]    | "                                    |
| Research Lab         | -                   | -                  | "                       | LKS              | 3-080             | [163.2]                           | [163.2] | [163.2]   | "                                    |
| Special Equip Room   | -                   | -                  | "                       | LKS              | 3-080A            | [16.0]                            | [16.0]  | [16.0]    | "                                    |
| Special Equip Room   | -                   | -                  | "                       | LKS              | 3-080B            | [7.8]                             | [7.8]   | [7.8]     | "                                    |
| Special Equip Room   | -                   | -                  | "                       | LKS              | 3-080C            | [11.7]                            | [11.7]  | [11.7]    | "                                    |
| Special Equip Room   | -                   | -                  | "                       | LKS              | 3-080D            | [18.2]                            | [18.2]  | [18.2]    | "                                    |
| Cold Room            | -                   | -                  | "                       | LKS              | 3-105             | [15.1]                            | [15.1]  | [15.1]    | "                                    |
| Office               | -                   | -                  | "                       | LKS              | 3-112             | [39.0]                            | [39.0]  | [39.0]    | "                                    |
| Autoclave Room       | -                   | -                  | "                       | LKS              | 3-116             | [16.0]                            | [16.0]  | [16.0]    | "                                    |
| Cylinder Closet      | -                   | -                  | "                       | LKS              | 3-125             | [4.3]                             | [4.3]   | [4.3]     | "                                    |
| Workstation          | Research Assistant  | GRAD               | Badr, D                 | LKS              | 3-036             | -                                 | -       | -         |                                      |
| Workstation          | Research Student    | GRAD               | Chow, A                 | LKS              | 3-036             | -                                 | -       | -         |                                      |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.10 DoM DIVISION OF NEPHROLOGY (cont'd)

| SPACE CATEGORY   |                      |                    |                         | Current Location<br>Bldg Room No. | GSP Space (Net Sq M) <sup>1</sup> |                    |                  | Comments / Space Attributes             |
|--|----------------------|--------------------|-------------------------|-----------------------------------|-----------------------------------|--------------------|------------------|---|
| Space Use / Function                                     | Position Type        | FoMD Planning Code | Person or PI/Group Name |                                   | 2012/13                           |                    | Projected        |   |
|  |                      |                    |                         |                                   | Existing                          | Immediate Req'm'ts | 2017/18 Req'm'ts |   |
| Workstation  | Research Support     | SUP-FT             | Venner, J               | LKS 3-036                         | -                                 | -                  | -                |   |
| Office   | FSO                  | A1.5               | Reeve, J                | LKS 3-036A                        | [11.4]                            | [11.4]             | [11.4]           | "                                       |
| Office   | FSO                  | A1.5               | Famulski, C             | LKS 3-036B                        | [11.4]                            | [11.4]             | [11.4]           | Manager, ATAGC Core Facility            |
| Workstation  | Laboratory Tech      | SUP-FT             | Hutton, A               | LKS 3-040                         | -                                 | -                  | -                |   |
| Workstation  | Clin Research Fellow | PG-CRF             | Kreepala, C             | LKS 3-040                         | -                                 | -                  | -                |   |
| Workstation  | Laboratory Tech      | SUP-FT             | Pearcy, J               | LKS 3-040                         | -                                 | -                  | -                |   |
| Workstation  | Research Support     | SUP-PT             | Ramsassar, V            | LKS 3-040                         | -                                 | -                  | -                |   |
| Main Office  |                      |                    |                         | LKS 3-126                         | [31.2]                            | [31.2]             | [31.2]           | NSM allocation based on exist'g size    |
| Office   | LM&P Appointment     | A1.5               | Mengel, M               | LKS 3-126                         | -                                 | -                  | -                |   |
| Office   | LM&P Appointment     | C1.1               | Sis, Banu               | LKS 3-126A                        | [11.9]                            | [11.9]             | [11.9]           |   |
| Office   | -                    |                    | Vacant                  | LKS 3-126B                        | [11.5]                            | [11.5]             | [11.5]           | "                                       |
| Office   | -                    |                    | Vacant                  | LKS 3-126C                        | [11.6]                            | [11.6]             | [11.6]           | "                                       |
| File Room  | -                    | -                  |                         | LKS 3-126D                        | [6.6]                             | [6.6]              | [6.6]            | "                                       |
| Office   | LM&P Appointment     | A1.5               | Guembes, H              | LKS 3-126E                        | [11.9]                            | [11.9]             | [11.9]           |   |
| Workroom   | -                    | -                  |                         | LKS 3-126G                        | [7.6]                             | [7.6]              | [7.6]            | "                                       |
| Workstations   | Various              | -                  | Various                 | LKS 3-126H, J & K                 | [34.0]                            | [34.0]             | [34.0]           | Incl 3-126H1/2/3, 3-126J1/2/3, 3-126K   |
| <b>Subtotal</b>  |                      |                    |                         |                                   | <b>[1,626.7]</b>                  | <b>[1,626.7]</b>   | <b>[1,626.7]</b> |   |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b> |                      |                    |                         |                                   |                                   |                    |                  |   |
| <b>Kidney Health Research Group</b>                      |                      |                    | <b>KHRG</b>             |                                   |                                   |                    |                  | <b>PI's: Klarenbach, Pannu, Tonelli</b> |
| Workstation  | Admin Assistant      | SUP-PT             | Ahmad, N                | RTF 3-049                         | 23.2                              | 6.0                | 6.0              |   |
| Workstation  | Postdoctoral Fellow  | PDF                | Vyyalasomayajula        | RTF 3-054                         | 34.2                              | 6.0                | 6.0              |   |
| Workstation  | Grad Research Asst   | GRAD               | Bohlouli, B             | RTF 3-064                         | 23.0                              | 6.0                | 6.0              |   |
| Workstation  | Computer Scientist   |                    | Chodos, D               | RTF 3-034                         | 106.5                             | 6.0                | 6.0              | Includes internal circulation           |
| Workstation  | Grad Student Schol   |                    | Ehteshami, A            | RTF 3-034                         | -                                 | 6.0                | 6.0              |   |
| Workstation  | Grad Student Schol   |                    | Faruque, L              | RTF 3-054                         | -                                 | 6.0                | 6.0              |   |
| Workstation  | Research Support     |                    | Hannam, L               | RTF 3-034                         | -                                 | 6.0                | 6.0              |   |
| Workstation  | Admin Assistant      | SUP-PT             | Houston, G              | RTF 3-034                         | -                                 | 6.0                | 6.0              |   |
| Workstation  | Research Support     |                    | Karkhaneh, M            | RTF -                             | -                                 | 6.0                | 6.0              |   |
| Workstation  | Trust Professional   | A3.2               | Lin, M                  | RTF 3-034                         | -                                 | 6.0                | 6.0              | Statistician                            |
| Workstation  | Research Assistant   |                    | Liu, Bill               | RTF 3-034                         | -                                 | 6.0                | 6.0              |   |
| Workstation  | Trust Professional   | A3.2               | Lloyd, A                | RTF 3-049                         | -                                 | 6.0                | 6.0              | Statistician                            |
| Workstation  | Research Assistant   | SUP-FT             | Mahdavifard, F          | RTF 3-034                         | -                                 | 6.0                | 6.0              | Computer Scientist                      |
| Workstation  | Administrative Clerk | SUP-FT             | Marot, J                | RTF 3-051                         | 23.2                              | 6.0                | 6.0              |   |
| Workstation  | Study Coordinator    |                    | McCoshen, L             | RTF 3-034                         | -                                 | 6.0                | 6.0              |   |
| Workstation  | Research Assistant   | SUP-FT             | McFaul, L               | RTF 3-034                         | -                                 | 6.0                | 6.0              |   |
| Workstation  | Study Coordinator    |                    | Muneer, M               | RTF 3-034                         | -                                 | 6.0                | 6.0              | Student                                 |
| Workstation  | Resident             | PG-RES             | Nadler, B               | RTF 3-034                         | -                                 | 6.0                | 6.0              |   |



APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.10 DoM DIVISION OF NEPHROLOGY (cont'd)**

| SPACE CATEGORY   |                     |                    |   | Current Location |          | GSP Space (Net Sq M) <sup>1</sup> |                   |                 | Comments / Space Attributes  |
|--|---------------------|--------------------|---|------------------|----------|-----------------------------------|-------------------|-----------------|--|
| Space Use / Function   | Position Type       | FoMD Planning Code | Person or PI/Group Name                     |                  |          | 2012/13                           |                   | Projected       |  |
|  |                     |                    |   | Bldg             | Room No. | Existing                          | Immediate Reqm'ts | 2017/18 Reqm'ts |  |
| Workstation  | Research Assistant  | SUP-FT             | Oppenorth, D                                | RTF              | 3-050    | 11.5                              | 6.0               | 6.0             |  |
| Workstation  | Study Assistant     | SUP-PT             | Piquette, L                                 | RTF              | 3-034    | -                                 | 6.0               | 6.0             |  |
| Workstation  | Research Assistant  | SUP-FT             | Ruholl, N                                   | RTF              | 3-034    | -                                 | 6.0               | 6.0             |  |
| Workstation  | Research Assistant  | SUP-FT             | Szigety, S                                  | RTF              | 3-034    | -                                 | 6.0               | 6.0             |  |
| Workstation  | Research Assistant  | SUP-FT             | Tiv, S                                      | RTF              | 3-057    | 23.1                              | 6.0               | 6.0             |  |
| Workstation  | Research Trainee    |                    | Vanderham, B                                | RTF              | 3-034    | -                                 | 6.0               | 6.0             |  |
| Workstation  | Trust Professional  | A3.2               | Wiebe, N                                    | RTF              | 3-048    | 12.9                              | 6.0               | 6.0             | Research Manager   |
| Workstation  | Statistical Analyst | SUP-FT             | Ye, F                                       | RTF              | 3-057    | -                                 | 6.0               | 6.0             |  |
| Workstation  | Research Assistant  | SUP-FT             | Borne, B                                    | -                | -        | -                                 | 6.0               | 6.0             | Currently located off site   |
| Workstation  | Trust Professional  | A3.2               | So, H                                       | -                | -        | -                                 | 6.0               | 6.0             | Currently located off site   |
| Workstation  | Research Support    |                    | Future Growth                               | -                | -        | -                                 | -                 | 30.0            | 5 addn'l F-T positions in the KHRG   |
| Storage  | -                   | -                  | KHRG  | RTF              | 3-064    | -                                 | 9.0               | 9.0             | NSM guideline allocation   |
| Conference Room  | -                   | -                  | KHRG  | RTF              | 3-058    | 11.5                              | 18.0              | 18.0            | NSM guideline allocation   |
| Copy/Fax Room  | -                   | -                  | KHRG  | RTF              | -        | -                                 | 9.0               | 9.0             | NSM guideline allocation   |
| <b>Subtotal</b>  |                     |                    |   |                  |          | <b>292.4</b>                      | <b>228.0</b>      | <b>276.0</b>    |  |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                     |                    |   |                  |          |                                   |                   |                 |  |
| <b>Nephrology Clinical Trials Group</b>                                    |                     |                    |   |                  |          |                                   |                   |                 |  |
|  |                     |                    | <b>PI's: Include ~12 Gastro F-T Faculty</b> |                  |          |                                   |                   |                 | Clinical Trials group will move to the WMC with the NARP Clinic  |
| Workstation  | Trust Adm/Manager   | A3.3               | Nikitin, S                                  | CSB              | 9-122A   | 13.3                              | 12.0              | 12.0            |  |
| Workstation  | Research Support    |                    | Prince, S                                   | CSB              | 9-122    | 39.6                              | 6.0               | 6.0             | AHS funded position  |
| Workstation  | Research Support    |                    | Restall,                                    | CSB              | 9-122    | -                                 | 6.0               | 6.0             | AHS funded position  |
| Workstation  | Research Support    |                    | Treit, S                                    | CSB              | 9-122    | -                                 | 6.0               | 6.0             | AHS funded position  |
| Workstation  | Research Support    | GRAD               | Warkentin, L                                | CSB              | 9-122    | -                                 | 6.0               | 6.0             |  |
| Research Support Facilities  | -                   | -                  | -   | CSB              | 11th Flr | -                                 | -                 | -               | Assumed that research support needs such as workstations, mini lab, -70 freezer, files storage, etc. will be accommodated in the WMC |
| <b>Subtotal</b>  |                     |                    |   |                  |          | <b>52.9</b>                       | <b>36.0</b>       | <b>36.0</b>     |  |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b>  |                     |                    |   |                  |          |                                   |                   |                 |  |
| None identified  |                     |                    |   |                  |          |                                   |                   |                 |  |
| <b>Subtotal</b>  |                     |                    |   |                  |          | <b>0.0</b>                        | <b>0.0</b>        | <b>0.0</b>      |  |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                     |                    |   |                  |          | <b>345.3</b>                      | <b>264.0</b>      | <b>312.0</b>    | Subtotal includes only dry lab space   |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.10 DoM DIVISION OF NEPHROLOGY (cont'd)

| SPACE CATEGORY  |                     |                          |                            | Current Location<br>Bldg/Room No. |                      | GSP Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes                            |
|---|---------------------|--------------------------|----------------------------|-----------------------------------|----------------------|-----------------------------------|--------------|--------------|--|
| Space Use / Function                                    | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   |                      | 2012/13                           |              | Projected    |  |
|   |                     |                          |                            | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18                |              |              |  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                     |                          |                            |                                   |                      |                                   |              |              |  |
| <b>4.1 Division Administration</b>                      |                     |                          |                            |                                   |                      |                                   |              |              |  |
| Workstation   | Medical Secretary   | SUP-FT                   | Boyle, C                   | CSB                               | 11-107               | 57.7                              | 6.0          | 6.0          | Incl 5 workstns & internal circulation                 |
| Workstation   | Medical Secretary   | SUP-FT                   | Hamdon, L                  | CSB                               | 11-107               | -                                 | 6.0          | 6.0          | Existing space incl in 57.7 NSM                        |
| Workstation   | Admin Assistant     | SUP-FT                   | Hernandez, N               | CSB                               | 11-107B              | 8.5                               | 6.0          | 6.0          |  |
| Office  | Trust Adm/Manager   | A3.3                     | Jolles, E                  | CSB                               | 11-132A              | -                                 | 12.0         | 12.0         | Existing space incl below                              |
| Workstation   | Medical Secretary   | SUP-FT                   | Killips, C                 | CSB                               | 11-107               | -                                 | 6.0          | 6.0          | Existing space incl in 57.7 NSM                        |
| Workstation   | Admin Assistant     | SUP-FT                   | Luyendyk, S                | CSB                               | 11-129               | 9.8                               | 6.0          | 6.0          |  |
| Workstation   | Medical Secretary   | SUP-FT                   | Mendys, K                  | CSB                               | 11-107               | -                                 | 6.0          | 6.0          | Existing space incl in 57.7 NSM                        |
| Workstation   | Medical Secretary   | SUP-FT                   | Moore, R                   | CSB                               | 7-127                | 7.2                               | 6.0          | 6.0          |  |
| Workstation   | Admin Support       | SUP-FT                   | Morrissey, D               | CSB                               | 11-107               | -                                 | 6.0          | 6.0          | Existing space incl in 57.7 NSM                        |
| Workstation   | Admin Assistant     | SUP-FT                   | Paterson, J                | CSB                               | 11-101A              | 11.2                              | 6.0          | 6.0          |  |
| Workstation   | Admin Secretary     | SUP-FT                   | Semper, L                  | CSB                               | 11-132               | 24.4                              | 6.0          | 6.0          | Incl 2 workstns & internal circulation                 |
| Workstation   | Medical Secretary   | SUP-FT                   | Thompson, S                | CSB                               | 7-134                | 20.1                              | 6.0          | 6.0          | Incl 2 workstns & internal circulation                 |
| Workstation   | Medical Secretary   | SUP-FT                   | Tran, L                    | CSB                               | 11-107C              | 8.7                               | 6.0          | 6.0          |  |
| Workstation   | Medical Secretary   | SUP-FT                   | Wildeboer, C               | CSB                               | 11-132B              | 9.6                               | 6.0          | 6.0          |  |
| Workstation   | Medical Secretary   |                          | Thompson, S                | CSB                               | 7-134                | -                                 | 6.0          | 6.0          |  |
| Office/Workstation                                      | Medical Secretary   | SUP-FT                   | Bava, A                    | HMRC                              | 2-60F1               | 15.8                              | 6.0          | 6.0          | Wkstn curenly located w/wet lab                        |
| Office/Workstation                                      | Medical Secretary   | SUP-FT                   | Ramos, K                   | HMRC                              | 2-60F1               | -                                 | 6.0          | 6.0          | Wkstn curenly located w/wet lab                        |
| Workstation   | Admin Support       |                          | Ramos, K                   | HMRC                              | 2-61B1               | 10.0                              | 6.0          | 6.0          | Wkstn curenly located w/wet lab                        |
| Workstation   | Medical Secretary   | SUP-FT                   | Ryan, M                    | HMRC                              | 2-50F                | 15.2                              | 6.0          | 6.0          | Wkstn curenly located w/wet lab                        |
| Workstation   | Admin Support       |                          | Future growth              |                                   |                      |                                   |              | 12.0         | 1 per 2 physicians = 2@6.0 NSM; will locate in the CSB |
| <b>Subtotal</b>   |                     |                          |                            |                                   |                      | <b>198.2</b>                      | <b>120.0</b> | <b>132.0</b> |  |
| <b>4.2 Faculty, Full-time</b>                           |                     |                          |                            |                                   |                      |                                   |              |              |  |
| Office  | Division Director   | A1.5                     | Jindal, K                  | CSB                               | 11-101A1             | 17.3                              | 12.0         | 12.0         | Professor 3  |
| Office  | Assistant Professor |                          | Bello, A                   | CSB                               | 7-125                | 13.0                              | 12.0         | 12.0         | Nov/12 start date; currently PG-CRF                    |
| Office  | Associate Professor | A1.5                     | Braam, G                   | CSB                               | 11-132A              | 11.0                              | 12.0         | 12.0         |  |
| Office  | Trust Academic      | A3.1                     | Caldwell, S                | CSB                               | 11-131               | 11.5                              | 12.0         | 12.0         |  |
| Office  | Professor 3         | A1.5                     | Cockfield, S               | CSB                               | 11-135               | 15.9                              | 12.0         | 12.0         |  |
| Office  | Associate Professor | A1.5                     | Courtney, M                | CSB                               | 11-133               | 11.3                              | 12.0         | 12.0         |  |
| Office  | Associate Professor |                          | Davison, S                 | CSB                               | 7-134A               | 16.7                              | 12.0         | 12.0         |  |
| Office  | Associate Professor | A1.5                     | Gourishankar, S            | CSB                               | 11-102               | 12.9                              | 12.0         | 12.0         |  |
| Office  | Trust Academic      | A3.1                     | Grynoch, J                 | CSB                               | 11-107E              | 10.5                              | 12.0         | 12.0         |  |
| Office  | Trust Academic      | A3.1                     | Habib, S                   | CSB                               | 11-107A              | 12.0                              | 12.0         | 12.0         |  |
| Office  | Associate Professor | A1.5                     | Klarenbach, S              | CSB                               | 7-123                | 10.3                              | 12.0         | 12.0         |  |
| Office  | Associate Professor | A1.5                     | McMahon, A                 | CSB                               | 11-132C              | 15.8                              | 12.0         | 12.0         |  |
| Office  | Associate Professor | A1.5                     | Pannu, N                   | CSB                               | 7-133                | 11.0                              | 12.0         | 12.0         |  |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.10 DoM DIVISION OF NEPHROLOGY (cont'd)

| SPACE CATEGORY  |                     |                    |                         | Current Location |          | GSP Space (Net Sq M) <sup>1</sup> |                   |                 | Comments / Space Attributes                                   |
|---|---------------------|--------------------|-------------------------|------------------|----------|-----------------------------------|-------------------|-----------------|---|
| Space Use / Function                                  | Position Type       | FoMD Planning Code | Person or PI/Group Name |                  |          | 2012/13                           |                   | Projected       |   |
|   |                     |                    |                         | Bldg             | Room No. | Existing                          | Immediate Reqm'ts | 2017/18 Reqm'ts |   |
| Office  | Assistant Professor | A1.5               | Pauly, R                | CSB              | 7-135    | 12.0                              | 12.0              | 12.0            |   |
| Office  | Trust Academic      | A3.1               | Qarni, U                | CSB              | 11-107F  | 12.6                              | 12.0              | 12.0            |   |
| Office  | Associate Professor | A1.5               | Tonelli, M              | CSB              | 7-129    | 12.5                              | 12.0              | 12.0            |   |
| Office  | F-T Faculty         |                    | Vacant                  | CSB              | 11-107D  | 9.3                               | 12.0              | 12.0            | Under active recruitment                                      |
| Office  | Professor 3         | A1.1               | Halloran, P             | HMRC             | 2-50E    | 20.3                              | 12.0              | 12.0            | Office curenly located w/ wet lab                             |
| Office  | Associate Professor | A1.5               | Jahroudi, N             | HMRC             | 2-61C    | 11.7                              | 12.0              | 12.0            | Office curenly located w/ wet lab                             |
| Office  | Associate Professor | A1.5               | Luyckx, V               | HMRC             | 2-60B    | 10.6                              | 12.0              | 12.0            | Office curenly located w/ wet lab                             |
| Office  | Assistant Professor | A1.5               | Mueller, T              | HMRC             | 2-60F    | 11.7                              | 12.0              | 12.0            | Office curenly located w/ wet lab                             |
| Office  | Associate Professor | A1.5               | Murray, A               | HMRC             | 2-75A    | 16.1                              | 12.0              | 12.0            | Office curenly located w/ wet lab                             |
| Office  | F-T Faculty         |                    | Future growth           |                  |          | -                                 |                   | 48.0            | 4 addn'l F-T Faculty by 2014/15; will locate in the CSB       |
| <b>Subtotal</b>                                       |                     |                    |                         |                  |          | <b>286.0</b>                      | <b>264.0</b>      | <b>312.0</b>    |   |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>    |                     |                    |                         |                  |          |                                   |                   |                 |   |
|   | None identified     |                    |                         |                  |          |                                   |                   |                 |   |
| <b>Subtotal</b>                                       |                     |                    |                         |                  |          | <b>0.0</b>                        | <b>0.0</b>        | <b>0.0</b>      |   |
| <b>4.4 Other Academic / Research / Clinical Staff</b> |                     |                    |                         |                  |          |                                   |                   |                 |   |
| T-D Workstation                                       |                     | GRAD               | Badr, D                 | -                | -        | -                                 | 3.0               | 3.0             | 1 shared T-D wkstn per 10 persons                             |
| T-D Workstation                                       |                     | GRAD               | Mojiri, A               | -                | -        | -                                 | -                 | -               | "   |
| T-D Workstation                                       | Clinical Fellow     |                    | Shah, N                 | -                | -        | -                                 | -                 | -               | AHS funded position   |
| T-D Workstation                                       | Fellow              |                    | Riyahd, A-S             | CSB              | 7-131    | 9.0                               | -                 | -               | AHS funded position   |
| T-D Workstation                                       |                     | PDF                | Chui, B                 | RTF              | -        | -                                 | -                 | -               |   |
| T-D Workstation                                       | Research Fellow     | C1.2               | Kalenga, J              | RTF              | 3-054    | -                                 | -                 | -               | AHS funded position   |
| T-D Workstation                                       | Clinical Fellow     |                    | Fernandez, S            | WMC              | 5A1.06   | 6.0                               | -                 | -               | AHS funded position   |
| T-D Workstation                                       | Clinical Fellow     | PG-CF              | Osman, M                | WMC              | 5A1.06   | -                                 | -                 | -               |   |
| T-D Workstation                                       | Clinical Fellow     | PG-CF              | Wong, B                 | WMC              | 5A1.06   | -                                 | -                 | -               |   |
| <b>Subtotal</b>                                       |                     |                    |                         |                  |          | <b>15.0</b>                       | <b>3.0</b>        | <b>3.0</b>      |   |
| <b>4.5 Trainees</b>                                   |                     |                    |                         |                  |          |                                   |                   |                 |   |
| Workstation   | Resident V          | PG-RES             | Michalska, M            | WMC              | 5C1.21   | 6.0                               | 3.0               | 3.0             | Each sub-specialty Resident is assigned a 3.0 NSM workstation |
| Workstation   | Resident            | PG-RES             | Samanta, R              | WMC              | 5C1.21   | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident            | PG-RES             | Villeneuve, P           | WMC              | 5C1.21   | -                                 | 3.0               | 3.0             | "   |
| Workstation   | Resident            | PG-RES             | Wen, K                  | WMC              | 5C1.21   | -                                 | 3.0               | 3.0             | "   |
| <b>Subtotal</b>                                       |                     |                    |                         |                  |          | <b>6.0</b>                        | <b>12.0</b>       | <b>12.0</b>     |   |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.10 DoM DIVISION OF NEPHROLOGY (cont'd)**

| SPACE CATEGORY  |               |                          |                            | Current Location<br>Bldg/Room No. | GSP Space (Net Sq M) <sup>1</sup> |                    |              | Comments / Space Attributes       |
|---|---------------|--------------------------|----------------------------|-----------------------------------|-----------------------------------|--------------------|--------------|-----------------------------------|
| Space Use / Function  | Position Type | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | 2012/13                           |                    | Projected    |                                   |
|   |               |                          |                            | Existing                          | Immediate<br>Reqm'ts              | Reqm'ts<br>2017/18 |              |                                   |
| <b>4.6 Division Support Space</b>                                 |               |                          |                            |                                   |                                   |                    |              |                                   |
| Reception   | -             | -                        | -                          | -                                 | -                                 | 6.0                | 6.0          | NSM guideline allocation          |
| Conference Room   | -             | -                        | -                          | CSB 11-103                        | 14.5                              | 18.0               | 18.0         | Guideline allocation; could share |
| Conference Room   | -             | -                        | -                          | CSB 7-113                         | 19.2                              | -                  | -            |                                   |
| Conference Room   | -             | -                        | -                          | CSB 7-125                         | 12.6                              | -                  | -            |                                   |
| Storage   | -             | -                        | -                          | CSB 11-126                        | 1.8                               | 9.0                | 9.0          | NSM guideline allocation          |
| Copy/Fax Room   | -             | -                        | -                          | CSB 11-107                        | -                                 | 9.0                | 9.0          | Guideline allocation; could share |
| <b>Subtotal</b>   |               |                          |                            |                                   | <b>48.1</b>                       | <b>42.0</b>        | <b>42.0</b>  |                                   |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |               |                          |                            |                                   | <b>553.3</b>                      | <b>441.0</b>       | <b>501.0</b> |                                   |
| <b>TOTAL: DoM, DIVISION OF NEPHROLOGY</b>                         |               |                          |                            |                                   | <b>898.6</b>                      | <b>705.0</b>       | <b>813.0</b> | <b>NSM<sup>2</sup></b>            |

Notes:

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. The existing area of 898.6 sqm includes portions of internal circulation, e.g. in RTF 3-034, CSB 11-107, etc.

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.11 DoM DIVISION OF NEUROLOGY**

| SPACE CATEGORY  |                     |                          |                            | Current Location<br>Bldg/Room No. | GSP Space (Net Sq M) <sup>1</sup> |                    |           | Comments / Space Attributes                                |
|---|---------------------|--------------------------|----------------------------|-----------------------------------|-----------------------------------|--------------------|-----------|--|
| Space Use / Function  | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | 2012/13                           |                    | Projected |  |
|   |                     |                          |                            | Existing                          | Immediate<br>Reqm'ts              | Reqm'ts<br>2017/18 |           |  |
| <b>3. RESEARCH SPACE</b>  |                     |                          |                            |                                   |                                   |                    |           |  |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b> |                     |                          |                            |                                   |                                   |                    |           |  |
| <b>MS Research</b>  |                     |                          |                            |                                   |                                   |                    |           |  |
| Serviced Lab  | -                   | -                        | PI: K. Warren              | CSB 9-120A                        | [78.2]                            | -                  | -         | Existing area totals 117.9 NSM                             |
| Office  | -                   | -                        | "                          | CSB 9-120A1                       | [12.0]                            | -                  | -         | Incl below under new dry lab                               |
| Bio-containment Rm  | -                   | -                        | "                          | CSB 9-120A2                       | [7.5]                             | -                  | -         | "  |
| Cold Room   | -                   | -                        | "                          | CSB 9-120B                        | [13.6]                            | -                  | -         | "  |
| Corridor  | -                   | -                        | "                          | CSB 9-120                         | [6.6]                             | -                  | -         | "  |
| <b>Prion Centre - Kar</b>   |                     |                          |                            |                                   |                                   |                    |           |  |
| Serviced Lab  | -                   | -                        | PI: S. Kar                 | BARB 2-20                         | [71.6]                            | [71.6]             | [71.6]    | NSM allocation based on exist'g size                       |
| Specialized Lab   | -                   | -                        | "                          | BARB 2-20A                        | [7.7]                             | [7.7]              | [7.7]     | "  |
| Incubator Room  | -                   | -                        | "                          | BARB 2-20B                        | [8.4]                             | [8.4]              | [8.4]     | "  |
| Office  | Professor           | A1.1                     | Kar, S                     | BARB 2-20C                        | -                                 | -                  | -         | Office incl under 4.2 Faculty, F-T                         |
| Workstation   | Masters Student     | SUP-FT                   | Chung, J                   | BARB 2-25                         | [19.8]                            | [19.8]             | [19.8]    | NSM allocation based on exist'g size                       |
| Workstation   | PhD Student         |                          | Maulik, M                  | BARB 2-25                         | -                                 | -                  | -         | Allocation incl in 19.8 NSM above                          |
| Workstation   | Masters Student     |                          | Sasse, A                   | BARB 2-25                         | -                                 | -                  | -         | "  |
| Workstation   | PhD Student         |                          | Wang, Y                    | BARB 2-25                         | -                                 | -                  | -         | "  |
| <b>Prion Centre - Sim</b>   |                     |                          |                            |                                   |                                   |                    |           |  |
| Serviced Lab  | -                   | -                        | PI: V. Sim                 | BARB 2-23                         | [60.1]                            | [60.1]             | [60.1]    | NSM allocation based on exist'g size                       |
| Incubator Room  | -                   | -                        | "                          | BARB 2-23B                        | [12.0]                            | [12.0]             | [12.0]    | "  |
| Specialized Lab   | -                   | -                        | "                          | BARB 2-23C                        | [8.7]                             | [8.7]              | [8.7]     | "  |
| Office  | Assistant Professor | A1.1                     | Sim, V                     | BARB 2-23A                        | -                                 | -                  | -         | Office incl under 4.2 Faculty, F-T                         |
| Workstation   | Research Assistant  |                          | Campeau, J                 | BARB 2-23                         | -                                 | -                  | -         | Allocation incl in 60.1 NSM above                          |
| Workstation   | Research Associate  | A3.2                     | Cortez, L                  | BARB 2-23                         | -                                 | -                  | -         | "  |
| Workstation   | Postdoctoral Fellow | PDF                      | Kumar, J                   | BARB 2-23                         | -                                 | -                  | -         | "  |
| Workstation   | Admin Support       | SUP-FT                   | Snyder, J                  | BARB 2-04                         | -                                 | -                  | -         | Workstn incl under 4.1 Div Admin                           |
| Workstation   | Research Assistant  | SUP-FT                   | Wu, G                      | BARB 2-25                         | -                                 | -                  | -         | Allocation incl in 19.8 NSM above                          |
| <b>Prion Centre - Westaway</b>                                      |                     |                          |                            |                                   |                                   |                    |           |  |
| Serviced Lab  | -                   | -                        | PI: D. Westaway            | BARB 2-14                         | [63.6]                            | [63.6]             | [63.6]    | NSM allocation based on exist'g size                       |
| Specialized Lab   | -                   | -                        | "                          | BARB 2-14A                        | [6.4]                             | [6.4]              | [6.4]     | "  |
| Incubator Room  | -                   | -                        | "                          | BARB 2-14C                        | [8.8]                             | [8.8]              | [8.8]     | "  |
| Office  | Professor 3         | A1.1                     | Westaway, D                | BARB 2-04C                        | -                                 | -                  | -         | Director, Prion Centre; office incl under 4.2 Faculty, F-T |
| Workstation   | Animal Technician   | SUP-FT                   | Bergen, K                  | BARB B-03                         | [12.5]                            | [12.5]             | [12.5]    | NSM allocation based on exist'g size                       |
| Workstation   | Admin Support       | SUP-PT                   | Darichuk, K                | BARB 2-04                         | -                                 | -                  | -         | Workstn incl under 4.1 Div Admin                           |
| Workstation   | Research Associate  | A3.2                     | Daude, N                   | BARB 2-30B                        | [10.8]                            | [10.8]             | [10.8]    | NSM allocation based on exist'g size                       |
| Workstation   | Lab Technologist    | SUP-FT                   | Dawe, C                    | BARB 2-14B                        | [9.2]                             | [9.2]              | [9.2]     | NSM allocation based on exist'g size                       |
| Workstation   | Animal Technician   | SUP-FT                   | Down, L                    | BARB B-03                         | -                                 | -                  | -         | Allocation incl in 12.5 NSM above                          |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.11 DoM DIVISION OF NEUROLOGY (cont'd)

| SPACE CATEGORY       |                     |                    |                         | Current Location<br>Bldg Room No. | GSP Space (Net Sq M) <sup>1</sup> |                   |                           | Comments / Space Attributes          |
|----------------------|---------------------|--------------------|-------------------------|-----------------------------------|-----------------------------------|-------------------|---------------------------|--------------------------------------|
| Space Use / Function | Position Type       | FoMD Planning Code | Person or PI/Group Name |                                   | 2012/13                           |                   | Projected Reqm'ts 2017/18 |                                      |
|                      |                     |                    |                         |                                   | Existing                          | Immediate Reqm'ts |                           |                                      |
| Workstation          | Lab Technologist    | SUP-FT             | Gapeshina, H            | BARB 2-30B                        | -                                 | -                 | -                         | Allocation incl in 10.8 NSM above    |
| Workstation          | Animal Technician   | SUP-FT             | Grams, J                | BARB B-03                         | -                                 | -                 | -                         | Allocation incl in 12.5 NSM above    |
| Workstation          | Animal Technician   | SUP-FT             | Jeon, H                 | BARB B-03                         | -                                 | -                 | -                         | "                                    |
| Workstation          | Lab Technologist    | SUP-FT             | Ko, K                   | BARB 2-30B                        | -                                 | -                 | -                         | Allocation incl in 10.8 NSM above    |
| Workstation          | Postdoctoral Fellow | PDF                | Lau, A                  | BARB 2-25                         | -                                 | -                 | -                         | Allocation incl in 19.8 NSM above    |
| Workstation          | Postdoctoral Fellow | PDF                | Mays, C                 | BARB 2-14C                        | -                                 | -                 | -                         | Allocation incl in 8.8 NSM above     |
| Workstation          | PhD Student         |                    | Mercer, R               | BARB 2-25                         | -                                 | -                 | -                         | Allocation incl in 19.8 NSM above    |
| Workstation          | Instrum Technician  | SUP-FT             | Shi, B                  | BARB 2-04B                        | [12.2]                            | [12.2]            | [12.2]                    | NSM allocation based on exist'g size |
| Workstation          | Research Support    |                    | Skoreyko, S             | BARB 2-04                         | [26.3]                            | [26.3]            | [26.3]                    |                                      |
| Workstation          | Research Associate  | SUP-FT             | Wohlgemuth, S           | BARB 2-14C                        | -                                 | -                 | -                         | Allocation incl in 8.8 NSM above     |
| Workstation          | Mgr, Animal Colony  | A3.2               | Yang, J                 | BARB 2-30A                        | [10.8]                            | [10.8]            | [10.8]                    | NSM allocation based on exist'g size |
| <b>Jhamandas Lab</b> |                     |                    | <b>PI: J. Jhamandas</b> |                                   |                                   |                   |                           |                                      |
| Serviced Lab         | -                   | -                  | "                       | HMRC 530                          | [89.5]                            | [89.5]            | [89.5]                    | NSM allocation based on exist'g size |
| Office               | Professor 3         | A1.1               | Jhamandas, J            | HMRC 530A                         | -                                 | -                 | -                         | Office incl under 4.2 Faculty, F-T   |
| Workstation          | Research Associate  |                    | Fu, W                   | HMRC 530                          | -                                 | -                 | -                         | Allocation incl in 89.5 NSM above    |
| Workstation          | Medical Secretary   | SUP-FT             | Krys, C                 | HMRC 530                          | -                                 | -                 | -                         | Workstn incl under 4.1 Div Admin     |
| Workstation          | Research Associate  | A3.2               | Ma, L                   | BARB                              | -                                 | -                 | -                         |                                      |
| Workstation          | Lab Technologist    | SUP-FT             | MacTavish, D            | HMRC 530                          | -                                 | -                 | -                         | "                                    |
| <b>Giuliani Lab</b>  |                     |                    | <b>PI: F. Giuliani</b>  |                                   |                                   |                   |                           |                                      |
| Serviced Lab         | -                   | -                  | "                       | HMRC 168                          | [63.7]                            | [63.7]            | [63.7]                    | NSM allocation based on exist'g size |
| Office               | Assistant Professor | A1.5               | Giuliani, F             | HMRC 168A                         | -                                 | -                 | -                         | Office incl under 4.2 Faculty, F-T   |
| Workstation          |                     | GRAD               | Deng, X                 | HMRC 168                          | -                                 | -                 | -                         | Allocation incl in 63.7 NSM above    |
| Workstation          |                     | PDF                | Haile, Y                | HMRC 168                          | -                                 | -                 | -                         | "                                    |
| Workstation          |                     |                    | Zaini, H                | HMRC 168                          | -                                 | -                 | -                         | "                                    |
| <b>Power Lab</b>     |                     |                    | <b>PI: C. Power</b>     |                                   |                                   |                   |                           |                                      |
| Serviced Lab         | -                   | -                  | "                       | HMRC 611                          | [113.4]                           | [113.4]           | [113.4]                   | NSM allocation based on exist'g size |
| Office               | Professor 3         | A1.1               | Power, C                | HMRC 611B                         | -                                 | -                 | -                         | Office incl under 4.2 Faculty, F-T   |
| Workstation          |                     | SUP-FT             | Branton, W              | HMRC 611                          | -                                 | -                 | -                         | NSM allocation incl in the lab space |
| Workstation          |                     | SUP-FT             | Maingat, F              | HMRC 611                          | -                                 | -                 | -                         | "                                    |
| Workstation          | Admin Support       | SUP-FT             | Turner, D               | HMRC 6-11C                        | -                                 | -                 | -                         | Workstn incl under 4.1 Div Admin     |
| <b>Shuaib Lab</b>    |                     |                    | <b>PI: A. Shuaib</b>    |                                   |                                   |                   |                           |                                      |
| Serviced Lab         | -                   | -                  | "                       | HMRC 533                          | [44.8]                            | [44.8]            | [44.8]                    | NSM allocation based on exist'g size |
| Office               | Research Support    | -                  | "                       | HMRC 533A                         | [10.7]                            | [10.7]            | [10.7]                    | "                                    |
| Serviced Lab         | -                   | -                  | "                       | HMRC 533B                         | [7.8]                             | [7.8]             | [7.8]                     | "                                    |
| Serviced Lab         | -                   | -                  | "                       | HMRC 769                          | [26.5]                            | [26.5]            | [26.5]                    | "                                    |
| Office               | Research Support    | -                  | "                       | HMRC 771                          | [14.0]                            | [14.0]            | [14.0]                    | "                                    |
| <b>Subtotal</b>      |                     |                    |                         |                                   | <b>[837.2]</b>                    | <b>[719.3]</b>    | <b>[719.3]</b>            |                                      |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.11 DoM DIVISION OF NEUROLOGY (cont'd)

| SPACE CATEGORY   |                      |                          |                                 | Current Location<br>Bldg/Room No. |                      | GSP Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes   |
|--|----------------------|--------------------------|---------------------------------|-----------------------------------|----------------------|-----------------------------------|--------------|--------------|---|
| Space Use / Function   | Position Type        | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name      |                                   |                      | 2012/13                           |              | Projected    |   |
|  |                      |                          |                                 | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18                |              |              |   |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b>                   |                      |                          |                                 |                                   |                      |                                   |              |              |   |
| <b>Gross Group</b>   |                      |                          |                                 |                                   |                      |                                   |              |              |   |
| Workstation  | Research Asst, Nurse | SUP-FT                   | PI: D. Gross<br>Tagliapietra, S | CSB                               | B-117a               | 14.9                              | 6.0          | 6.0          |   |
| <b>MS Centre</b>   |                      |                          |                                 |                                   |                      |                                   |              |              |   |
| New Dry Lab  | -                    | -                        | PI: C. Power<br>-               | -                                 | -                    | -                                 | 118.0        | 118.0        | Proposed new MS Centre in CSB<br>(replaces MS Research incl above<br>under Wet Lab Space) |
| <b>Suchowersky Group</b>   |                      |                          |                                 |                                   |                      |                                   |              |              |   |
| Workstation  | Genetic Counsellor   |                          | PI: Suchowersky<br>Burnell, L   | WMC                               | 2E3                  |                                   |              | 6.0          | 6.0   |
| T-D Workstation  | Clin Research Fellow |                          | Manosalva, A                    | WMC                               | 2E3.09               | 11.0                              |              | 3.0          | 3.0   |
| Workstation  | Med Lab Tech         | SUP-PT                   | McCann, P                       | WMC                               | 2E3                  |                                   |              | 6.0          | 6.0   |
| <b>Martin Group</b>  |                      |                          |                                 |                                   |                      |                                   |              |              |   |
| Workstation  | Nurse Practitioner   | SUP-FT                   | PI: W. Martin<br>King, P        | Glenr                             | -                    | -                                 | -            | -            | Will reloc to Kaye Edmonton Clinic  |
| Workstation  | Nurse Practitioner   | SUP-FT                   | Scott, I                        | Glenr                             | -                    | -                                 | -            | -            | "   |
| <b>Subtotal</b>  |                      |                          |                                 |                                   |                      | <b>25.9</b>                       | <b>139.0</b> | <b>139.0</b> |   |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                      |                          |                                 |                                   |                      |                                   |              |              |   |
| <b>Shuaib Group</b>  |                      |                          |                                 |                                   |                      |                                   |              |              |   |
| Workstation  | Trust Research Assoc | A3.2                     | PI: A. Shuaib<br>Alam, M        | OPR                               | 1T1.14               | 13.0                              | 6.0          | 6.0          | Assume will remain w/ clinic in OPR   |
| Workstation  | Trust Research Assoc | A3.2                     | Mohammad, A                     | OPR                               | 1T1.16               | 13.0                              | 6.0          | 6.0          | "   |
| Workstation  | Nurse Practitioner   | SUP-FT                   | Schwindt, B                     | OPR                               | 1T1.18               | 13.0                              | 6.0          | 6.0          | "   |
| Workstation  | Admin Support        | SUP-FT                   | Sobreira, E                     | OPR                               | 1T1.16               | -                                 | 6.0          | 6.0          | "   |
| <b>Kalra Group</b>   |                      |                          |                                 |                                   |                      |                                   |              |              |   |
| Workstation  | Research Assistant   | SUP-FT                   | PI: S. Kalra<br>Wrona, S        | RTF                               | 3-029                | 22.3                              | 6.0          | 6.0          |   |
| <b>Butcher Group</b>   |                      |                          |                                 |                                   |                      |                                   |              |              |   |
| Workstation  | Research Assistant   |                          | PI: K. Butcher<br>Gaucher, T    | WMC                               | 0A8.32               | -                                 | 6.0          | 6.0          |   |
| <b>Subtotal</b>  |                      |                          |                                 |                                   |                      | <b>61.3</b>                       | <b>36.0</b>  | <b>36.0</b>  |   |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b>  |                      |                          |                                 |                                   |                      |                                   |              |              |   |
| <b>Siddiqi Group</b>   |                      |                          |                                 |                                   |                      |                                   |              |              |   |
| Workstation  | Research Assistant   | SUP-PT                   | PI: Z. Siddiqi<br>Blackmore, D  | EC                                |                      |                                   | 6.0          | 6.0          |   |
| Workstation  | Research Nurse       |                          | Gaucher, S                      | WMC                               | 0A8.32               |                                   | -            | -            | Space incl w/ ABACUS in the WMC   |
| Workstation  | Research Assistant   |                          | Gaucher, T                      | WMC                               | 0A8.32               |                                   | -            | -            | "   |
| Workstation  | Graduate Research    |                          | Sivakumar, L                    | WMC                               | 0A8.32               |                                   | -            | -            | "   |
| Workstation  | Research Support     |                          | Vacant                          | CSB                               |                      |                                   | 6.0          | 6.0          | Statistician  |
| <b>Blevins Group</b>   |                      |                          |                                 |                                   |                      |                                   |              |              |   |
| Workstation  | Research Support     |                          | PI: G. Blevins<br>Dumont, P     | -                                 | -                    | -                                 | 6.0          | 6.0          |   |
| Workstation  | Research Support     |                          | White, L                        | -                                 | -                    | -                                 | 6.0          | 6.0          |   |
| <b>Subtotal</b>  |                      |                          |                                 |                                   |                      | <b>0.0</b>                        | <b>24.0</b>  | <b>24.0</b>  |   |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                      |                          |                                 |                                   |                      | <b>87.2</b>                       | <b>199.0</b> | <b>199.0</b> | Subtotal includes only dry lab space  |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.11 DoM DIVISION OF NEUROLOGY (cont'd)

| SPACE CATEGORY  |                     |                          |                            | Current Location<br>Bldg Room No. | GSP Space (Net Sq M) <sup>1</sup> |                      |                    | Comments / Space Attributes |   |
|---|---------------------|--------------------------|----------------------------|-----------------------------------|-----------------------------------|----------------------|--------------------|-----------------------------|---|
| Space Use / Function                                    | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | 2012/13                           |                      | Projected          |                             |   |
|   |                     |                          |                            |                                   | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18 |                             |   |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                     |                          |                            |                                   |                                   |                      |                    |                             |   |
| <b>4.1 Division Administration</b>                      |                     |                          |                            |                                   |                                   |                      |                    |                             |   |
| Workstation   | Medical Secretary   | SUP-FT                   | Allin, C                   | WMC                               | 2E3 #7                            | 131.2                | 6.0                | 6.0                         | 2E3-30 has multiple open wkstns & includes internal circulation |
| Workstation   | Program Coordinator | SUP-FT                   | Aquin, J                   | WMC                               | 2E3 #6                            | -                    | 6.0                | 6.0                         |   |
| Workstation   | Medical Secretary   | SUP-FT                   | Arcand, S                  | WMC                               | 2E3 #16                           | -                    | 6.0                | 6.0                         |   |
| Workstation   | Medical Secretary   | SUP-FT                   | Dewar, K                   | WMC                               | 2E3 #11                           | -                    | 6.0                | 6.0                         |   |
| Workstation   | Medical Secretary   | SUP-FT                   | Drost, C                   | WMC                               | 2E3 open                          | -                    | 6.0                | 6.0                         |   |
| Workstation   | Medical Secretary   | SUP-FT                   | Fitzner, J                 | WMC                               | 2E3 open                          | -                    | 6.0                | 6.0                         |   |
| Workstation   | Medical Secretary   |                          | Jacobson, J                | WMC                               | 2E3 #15                           | -                    | 6.0                | 6.0                         |   |
| Workstation   | Medical Transcrip   | SUP-FT                   | Johnson, P                 | WMC                               | 2E3 #3                            | -                    | 6.0                | 6.0                         |   |
| Workstation   | Medical Secretary   | SUP-FT                   | Larida, V                  | WMC                               | 2E3 #12                           | -                    | 6.0                | 6.0                         |   |
| Workstation   | Medical Secretary   | SUP-FT                   | MacDonald, A               | WMC                               | 2E3 #10                           | -                    | 6.0                | 6.0                         |   |
| Workstation   | Admin Assistant     | SUP-FT                   | McKenzie, K                | WMC                               | 2E3 #4                            | -                    | 6.0                | 6.0                         |   |
| Workstation   | Admin Assistant     | SUP-FT                   | Miko, D                    | WMC                               | 2E3 #13                           | -                    | 6.0                | 6.0                         |   |
| Workstation   | Medical Secretary   | SUP-FT                   | Stitsen, J                 | WMC                               | 2E3 #14                           | -                    | 6.0                | 6.0                         |   |
| Workstation   | Admin Assistant     | SUP-FT                   | Tiller, S                  | WMC                               | 2E3.28                            | -                    | 6.0                | 6.0                         |   |
| Workstation   | Medical Secretary   |                          | Wherman, J                 | WMC                               | 2E3 #8                            | -                    | 6.0                | 6.0                         |   |
| Workstation   | Medical Secretary   | SUP-FT                   | York, G                    | WMC                               | 2E3 #2                            | -                    | 6.0                | 6.0                         |   |
| Workstation   | Medical Secretary   | SUP-FT                   | Krys, C                    | HMRC                              | 530                               | 6.0                  | 6.0                | 6.0                         | Wkstn currently located w/wet lab                               |
| Workstation   | Admin Support       | SUP-FT                   | Turner, D                  | HMRC                              | 6-11C                             | 9.4                  | 6.0                | 6.0                         | Wkstn currently located w/wet lab                               |
| Workstation   | Admin Support       | SUP-PT                   | Darichuk, K                | BARB                              | 2-04                              | 6.0                  | 6.0                | 6.0                         | Wkstn currently located w/wet lab                               |
| Workstation   | Admin Support       | SUP-FT                   | Snyder, J                  | BARB                              | 2-04                              | 6.0                  | 6.0                | 6.0                         | Wkstn currently located w/wet lab                               |
| Workstation   | Admin Support       |                          | Future growth              |                                   |                                   |                      |                    | 12.0                        | 1 per 2-3 physicians = 2@6.0 NSM; will locate in the CSB        |
| Workstation   | Medical Secretary   | SUP-FT                   | Collier, C                 | Glenr                             | -                                 | -                    | -                  | -                           | Assume will remain at the Glenrose                              |
| <b>Subtotal</b>   |                     |                          |                            |                                   |                                   | <b>158.6</b>         | <b>120.0</b>       | <b>132.0</b>                |   |
| <b>4.2 Faculty, Full-time</b>                           |                     |                          |                            |                                   |                                   |                      |                    |                             |   |
| Office  | Division Director   | A1.5                     | Roberts, T                 | WMC                               | 2E3.26                            | 12.5                 | 12.0               | 12.0                        | Associate Professor   |
| Office  | Associate Professor | A1.5                     | Ahmedd, S                  | WMC                               | 2E3.12                            | 10.8                 | 12.0               | 12.0                        |   |
| Office  | Assistant Professor | A1.5                     | Blevins, G                 | WMC                               | 2E3.24                            | 10.8                 | 12.0               | 12.0                        |   |
| Office  | Assistant Professor | A1.5                     | Buck, B                    | WMC                               | 2E3.33                            | 11.4                 | 12.0               | 12.0                        |   |
| Office  | Assistant Professor | A1.5                     | Butcher, K                 | WMC                               | 2E3.27                            | 10.5                 | 12.0               | 12.0                        |   |
| Office  | Professor 2         |                          | Camicoli, J                | WMC                               | 2E3.33                            | -                    | 12.0               | 12.0                        | Sabbatical, returning July 2013                                 |
| Office  | Professor 3         | A1.5                     | Elleker, M                 | WMC                               | 2E3.07                            | 10.7                 | 12.0               | 12.0                        |   |
| Office  | Associate Professor | A1.5                     | Gross, D                   | WMC                               | 2E3.19                            | 9.7                  | 12.0               | 12.0                        |   |
| Office  | Associate Professor | A1.5                     | Jeerakathil, T             | WMC                               | 2E3.22                            | 11.0                 | 12.0               | 12.0                        |   |
| Office  | Assistant Professor | A1.5                     | Jirsch, J                  | WMC                               | 2E3.31                            | 11.4                 | 12.0               | 12.0                        |   |



APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.11 DoM DIVISION OF NEUROLOGY (cont'd)

| SPACE CATEGORY  |                      |                          |                            | Current Location<br>Bldg Room No. | GSP Space (Net Sq M) <sup>1</sup> |              |                                 | Comments / Space Attributes |                                    |
|---|----------------------|--------------------------|----------------------------|-----------------------------------|-----------------------------------|--------------|---------------------------------|-----------------------------|------------------------------------|
| Space Use / Function                                  | Position Type        | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | 2012/13                           |              | Projected<br>Reqm'ts<br>2017/18 |                             |                                    |
|   |                      |                          |                            | Existing                          | Immediate<br>Reqm'ts              |              |                                 |                             |                                    |
| Office  | Associate Professor  |                          | Johnston, W                | WMC                               | 2E3.17                            | 11.0         | 12.0                            | 12.0                        | Sabbatical, returning July 2013    |
| Office  | Associate Professor  | A1.5                     | Kalra, S                   | WMC                               | 2E3.18                            | 11.5         | 12.0                            | 12.0                        |                                    |
| Office  | Associate Professor  | A1.5                     | Khan, K                    | WMC                               | 2E3.16                            | 10.8         | 12.0                            | 12.0                        |                                    |
| Office  | Professor 3          | A1.5                     | Martin, W                  | WMC                               | 2E3.08                            | 11.0         | 12.0                            | 12.0                        |                                    |
| Office  | Associate Professor  | A1.5                     | Saqqur, M                  | WMC                               | 2E3.21                            | 11.4         | 12.0                            | 12.0                        |                                    |
| Office  | Professor 3          | A1.1                     | Shuaib, A                  | WMC                               | 2E3.13                            | 10.8         | 12.0                            | 12.0                        |                                    |
| Office  | Associate Professor  | A1.5                     | Siddiqi, Z                 | WMC                               | 2E3.11                            | 11.4         | 12.0                            | 12.0                        |                                    |
| Office  | Assistant Professor  | A1.5                     | Smyth, P                   | WMC                               | 2E3.23                            | 10.8         | 12.0                            | 12.0                        |                                    |
| Office  | Professor 3          | A1.1                     | Suchowersky, O             | WMC                               | 2E3.32                            | 11.4         | 12.0                            | 12.0                        |                                    |
| Office  | Professor 3          | A1.1                     | Warren, K                  | CSB                               | 9-101e                            | 17.4         | 12.0                            | 12.0                        |                                    |
| Office  | Assistant Professor  | A1.5                     | Giuliani, F                | HMRC                              | 168A                              | 10.0         | 12.0                            | 12.0                        | Office curenly located w/ wet lab  |
| Office  | Professor 3          | A1.1                     | Jhamandas, J               | HMRC                              | 530A                              | 13.3         | 12.0                            | 12.0                        | Office curenly located w/ wet lab  |
| Office  | Professor 3          | A1.1                     | Power, C                   | HMRC                              | 611B                              | 11.5         | 12.0                            | 12.0                        | Office curenly located w/ wet lab  |
| Office  | Professor            | A1.1                     | Kar, S                     | BARB                              | 2-20C                             | 9.2          | 12.0                            | 12.0                        | Office curenly located w/ wet lab  |
| Office  | Assistant Professor  | A1.1                     | Sim, V                     | BARB                              | 2-23A                             | 9.3          | 12.0                            | 12.0                        | Office curenly located w/ wet lab  |
| Office  | Professor 3          | A1.1                     | Westaway, D                | BARB                              | 2-04C                             | 16.9         | 12.0                            | 12.0                        | Office curenly located w/ wet lab  |
| Office  | F-T Faculty          |                          | Future growth              |                                   |                                   | -            |                                 | 24.0                        | 2 addn'l F-T Faculty by 2012/13    |
| Office  | F-T Faculty          |                          | Future growth              |                                   |                                   | -            |                                 | 12.0                        | 1 addn'l F-T Faculty by 2013/14    |
| Office  | F-T Faculty          |                          | Future growth              |                                   |                                   | -            |                                 | 36.0                        | 3 addn'l F-T Faculty by 2014/15    |
| Office  | Trust Academic       | A3.1                     | Siddiqi, M                 | GNCH                              | -                                 | -            | -                               | -                           | Assume will remain at the GNCH     |
| <b>Subtotal</b>                                       |                      |                          |                            |                                   |                                   | <b>286.5</b> | <b>312.0</b>                    | <b>384.0</b>                |                                    |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>    |                      |                          |                            |                                   |                                   |              |                                 |                             |                                    |
| None identified                                       |                      |                          |                            |                                   |                                   |              |                                 |                             |                                    |
| <b>Subtotal</b>                                       |                      |                          |                            |                                   |                                   | <b>0.0</b>   | <b>0.0</b>                      | <b>0.0</b>                  |                                    |
| <b>4.4 Other Academic / Research / Clinical Staff</b> |                      |                          |                            |                                   |                                   |              |                                 |                             |                                    |
| T-D Workstation                                       | Clin Research Fellow |                          | Ba, F                      | WMC                               | 4G1.11                            |              | 3.0                             | 3.0                         | 1 shared T-D wkstn per 10 persons  |
| T-D Workstation                                       | Clinical Fellow      |                          | Basir, G                   | WMC                               | 2E3.09                            |              | -                               | -                           | "                                  |
| T-D Workstation                                       | Clinical Fellow      |                          | Ghrooda, E                 | WMC                               | 2E3.09                            |              | -                               | -                           | "                                  |
| T-D Workstation                                       | Clinical Fellow      |                          | Kate, M                    | WMC                               | 2E3.09                            |              | -                               | -                           | "                                  |
| T-D Workstation                                       | Clinical Fellow      |                          | Parthasarathy, R           | WMC                               | 2E3.09                            |              | -                               | -                           | "                                  |
| T-D Workstation                                       | Clinical Fellow      |                          | Pio, F                     | WMC                               | 2E3.09                            |              | -                               | -                           | "                                  |
| T-D Workstation                                       | Clinical Fellow      |                          | Siddiqi, M                 | WMC                               | 2E3.09                            |              | -                               | -                           | "                                  |
| T-D Workstation                                       | Asst Clinical Prof   | C1.2                     | McCombe, J                 | CSB                               | 7-132D                            | 9.4          | 3.0                             | 3.0                         | Existing office is shared          |
| T-D Workstation                                       | Trust Research Assoc |                          | Wieler, M                  | Glenr                             | -                                 | -            | -                               | -                           | Assume will remain at the Glenrose |
| T-D Workstation                                       | Asst Clinical Prof   | C1.2                     | Muratoglu, M               | GNCH                              | -                                 | -            | -                               | -                           | Assume will remain at the GNCH     |
| <b>Subtotal</b>                                       |                      |                          |                            |                                   |                                   | <b>9.4</b>   | <b>6.0</b>                      | <b>6.0</b>                  |                                    |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.11 DoM DIVISION OF NEUROLOGY (cont'd)

| SPACE CATEGORY  |               |                    |                         | Current Location |          | GSP Space (Net Sq M) <sup>1</sup> |                   |                 | Comments / Space Attributes                                   |
|---|---------------|--------------------|-------------------------|------------------|----------|-----------------------------------|-------------------|-----------------|---|
| Space Use / Function  | Position Type | FoMD Planning Code | Person or PI/Group Name |                  |          | 2012/13                           |                   | Projected       |   |
|   |               |                    |                         | Bldg             | Room No. | Existing                          | Immediate Reqm'ts | 2017/18 Reqm'ts |   |
| <b>4.5 Trainees</b>   |               |                    |                         |                  |          |                                   |                   |                 |   |
| Workstation   | Resident III  |                    | Alkutbi, A              | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             | Each sub-specialty Resident is assigned a 3.0 NSM workstation |
| Workstation   | Resident II   |                    | Alluqmani, M            | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident II   |                    | Bogusz, E               | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident I    |                    | Choi, W                 | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident III  |                    | Dobrowolski, P          | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident I    |                    | Duke, C                 | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident V    |                    | Emsalem, A              | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident II   |                    | Hussain, M              | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident IV   |                    | Jamil, A                | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident III  |                    | Kromm, J                | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident IV   |                    | Mortada, A              | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident IV   |                    | Nowacki, T              | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident V    |                    | Rizvi, N                | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident V    |                    | Steve, T                | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             |   |
| Workstation   | Resident I    |                    | Witt, A                 | WMC              | 4G1.11   | -                                 | 3.0               | 3.0             |   |
| <b>Subtotal</b>   |               |                    |                         |                  |          | <b>0.0</b>                        | <b>45.0</b>       | <b>45.0</b>     |   |
| <b>4.6 Division Support Space</b>                                 |               |                    |                         |                  |          |                                   |                   |                 |   |
| Reception   | -             | -                  | -                       | -                | -        | -                                 | 6.0               | 6.0             | NSM guideline allocation                                      |
| Conference Room   | -             | -                  | -                       | WMC              | 2E3.37   | 16.9                              | 18.0              | 18.0            | Guideline allocation; could share                             |
| Storage   | -             | -                  | -                       |                  |          |                                   | 9.0               | 9.0             | NSM guideline allocation                                      |
| Copy/Fax Room   | -             | -                  | -                       | WMC              | 2E3      |                                   | 9.0               | 9.0             | Guideline allocation; could share                             |
| Physician T-D Wkstn   | -             | -                  | -                       | WMC              | 2E3.34   | 12.0                              | 12.4              | 12.4            | Assume will remain in the WMC                                 |
| <b>Subtotal</b>   |               |                    |                         |                  |          | <b>28.9</b>                       | <b>54.4</b>       | <b>54.4</b>     |   |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |               |                    |                         |                  |          | <b>483.4</b>                      | <b>537.4</b>      | <b>621.4</b>    |   |
| <b>TOTAL: DoM, DIVISION OF NEUROLOGY</b>                          |               |                    |                         |                  |          | <b>570.6</b>                      | <b>736.4</b>      | <b>820.4</b>    | <b>NSM</b>  |

Notes:

1. All areas used in this document are net assignable square metres unless otherwise indicated.

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.12 DoM DIVISION OF PREVENTIVE MEDICINE**

| SPACE CATEGORY   |                     |                          |                            | Current Location<br>Bldg Room No. |                      | GSP Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes             |
|--|---------------------|--------------------------|----------------------------|-----------------------------------|----------------------|-----------------------------------|--------------|--------------|---|
| Space Use / Function   | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   |                      | 2012/13                           |              | Projected    |   |
|  |                     |                          |                            | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18                |              |              |   |
| <b>3. RESEARCH SPACE</b>   |                     |                          |                            |                                   |                      |                                   |              |              |   |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b>        |                     |                          |                            |                                   |                      |                                   |              |              |   |
| None identified  |                     |                          |                            |                                   |                      |                                   |              |              |   |
| <b>Subtotal</b>  |                     |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>   | <b>0.0</b>   |   |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b>                   |                     |                          |                            |                                   |                      |                                   |              |              |   |
| Project Room   | -                   | -                        | PI: N. Cherry              | UT                                | 5-30J                | 45.6                              | 45.6         | 45.6         | NSM allocation based on exist'g size    |
| Dry Lab  | -                   | -                        | "                          | UT                                | 5-27                 | 29.6                              | 29.6         | 29.6         | "                                       |
| Freezer Room   | -                   | -                        | "                          | UT                                | 5-27A                | 15.7                              | 15.7         | 15.7         | "                                       |
| Interview Room   | -                   | -                        | "                          | UT                                | 5-22A                | 12.8                              | 12.8         | 12.8         | "                                       |
| Workstation  | Research Staff      | SUP-FT                   | Rodgers, R                 | UT                                | 5-22B                | 12.7                              | 6.0          | 6.0          |   |
| <b>Subtotal</b>  |                     |                          |                            |                                   |                      | <b>116.4</b>                      | <b>109.7</b> | <b>109.7</b> |   |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                     |                          |                            |                                   |                      |                                   |              |              |   |
| None identified  |                     |                          |                            |                                   |                      |                                   |              |              |   |
| <b>Subtotal</b>  |                     |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>   | <b>0.0</b>   |   |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b>  |                     |                          |                            |                                   |                      |                                   |              |              |   |
| None identified  |                     |                          |                            |                                   |                      |                                   |              |              |   |
| <b>Subtotal</b>  |                     |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>   | <b>0.0</b>   |   |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                     |                          |                            |                                   |                      | <b>116.4</b>                      | <b>109.7</b> | <b>109.7</b> |   |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>                    |                     |                          |                            |                                   |                      |                                   |              |              |   |
| <b>4.1 Division Administration</b>   |                     |                          |                            |                                   |                      |                                   |              |              |   |
| Workstation  | Admin Assistant     | SUP-FT                   | McCormick, C               | UT                                | 5-22                 | 40.6                              | 6.0          | 6.0          | Existing area incl internal circulation |
| Workstation  | Medical Secretary   | SUP-FT                   | Chase, M                   | UT                                | 5-30N                | 12.8                              | 6.0          | 6.0          |   |
| Workstation  | Admin Secretary     | SUP-FT                   | Dawkins, J                 | UT                                | 5-30A                | 11.3                              | 6.0          | 6.0          |   |
| Office   | Educ Facilitator    |                          | Vacant                     | UT                                | 5-22E                | 12.8                              | 6.0          | 6.0          |   |
| Office   | Admin, Fnd'n Course |                          | Vacant                     | UT                                | 5-22F                | 12.5                              | 6.0          | 6.0          |   |
| Workstation  | Admin Support       | SUP-FT                   | Future growth              | -                                 | -                    | -                                 | -            | 12.0         | 1 per 2 physicians = 2@6.0 NSM          |
| <b>Subtotal</b>  |                     |                          |                            |                                   |                      | <b>90.0</b>                       | <b>30.0</b>  | <b>42.0</b>  |   |
| <b>4.2 Faculty, Full-time</b>  |                     |                          |                            |                                   |                      |                                   |              |              |   |
| Office   | Division Director   | A1.1                     | Cherry, N                  | UT                                | 5-22D                | 23.1                              | 12.0         | 12.0         | Professor 3                             |
| Office   | Associate Professor | A1.1                     | Beach, J                   | UT                                | 5-30D                | 16.8                              | 12.0         | 12.0         |   |
| Office   | Associate Professor | A1.5                     | Quemerais, B               | UT                                | 5-30F                | 11.6                              | 12.0         | 12.0         |   |
| Office   | Associate Professor | A1.5                     | Waclawski, E               | UT                                | 5-30B                | 11.6                              | 12.0         | 12.0         |   |
| Office   | F-T Faculty         |                          | Vacant                     | UT                                |                      | -                                 | 12.0         | 12.0         | Position is being recruited             |
| Office   | F-T Faculty         |                          | Future growth              | -                                 | -                    | -                                 | -            | 36.0         | 3 addn'l F-T Faculty by 2014/15         |
| <b>Subtotal</b>  |                     |                          |                            |                                   |                      | <b>63.1</b>                       | <b>60.0</b>  | <b>96.0</b>  |   |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.12 DoM DIVISION OF PREVENTIVE MEDICINE (cont'd)

| SPACE CATEGORY  |                     |                          |                            | Current Location<br>Bldg./Room No. | GSP Space (Net Sq M) <sup>1</sup> |                    |              | Comments / Space Attributes |   |
|---|---------------------|--------------------------|----------------------------|------------------------------------|-----------------------------------|--------------------|--------------|-----------------------------|---|
| Space Use / Function  | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                    | 2012/13                           |                    | Projected    |                             |   |
|   |                     |                          |                            | Existing                           | Immediate<br>Reqm'ts              | Reqm'ts<br>2017/18 |              |                             |   |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>                |                     |                          |                            |                                    |                                   |                    |              |                             |   |
| T-D Workstation   | Asst Clinical Prof  | C1.2                     | Koliaska, K                | UT                                 | 5-30C                             | 11.4               | 3.0          | 3.0                         |   |
| <b>Subtotal</b>   |                     |                          |                            |                                    |                                   | <b>11.4</b>        | <b>3.0</b>   | <b>3.0</b>                  |   |
| <b>4.4 Other Academic / Research / Clinical Staff</b>             |                     |                          |                            |                                    |                                   |                    |              |                             |   |
| Workstation   | Postdoctoral Fellow |                          | Arrandale, V               | UT                                 | 5-22C                             | 12.7               | 6.0          | 6.0                         |   |
| <b>Subtotal</b>   |                     |                          |                            |                                    |                                   | <b>12.7</b>        | <b>6.0</b>   | <b>6.0</b>                  |   |
| <b>4.5 Trainees</b>   |                     |                          |                            |                                    |                                   |                    |              |                             |   |
| Workstation   | Resident I          | PG-RES                   | Choi, J                    | UT                                 | 5-30G                             | 17.1               | 3.0          | 3.0                         | Each sub-specialty Resident is assigned a 3.0 NSM workstation |
| Workstation   | Resident III        | PG-RES                   | Fog., M                    | UT                                 | 5-30G                             | -                  | 3.0          | 3.0                         |   |
| Workstation   | Resident I          | PG-RES                   | Freeman, L                 | UT                                 | 5-30G                             | -                  | 3.0          | 3.0                         |   |
| Workstation   | Resident V          | PG-RES                   | Golmoham-<br>madi K        | UT                                 | 5-30G                             | -                  | 3.0          | 3.0                         |   |
| Workstation   | Resident V          | PG-RES                   | Klein, K                   | UT                                 | 5-30G                             | -                  | 3.0          | 3.0                         |   |
| Workstation   | Resident V          | PG-RES                   | Lauzon, M                  | UT                                 | 5-30G                             | -                  | 3.0          | 3.0                         |   |
| Workstation   | Resident III        | PG-RES                   | Martinez, J                | UT                                 | 5-30G                             | -                  | 3.0          | 3.0                         |   |
| Workstation   | Resident I          | PG-RES                   | McKennitt, D               | UT                                 | 5-30G                             | -                  | 3.0          | 3.0                         |   |
| Workstation   | Resident IV         | PG-RES                   | Singal, M                  | UT                                 | 5-30G                             | -                  | 3.0          | 3.0                         |   |
| <b>Subtotal</b>   |                     |                          |                            |                                    |                                   | <b>17.1</b>        | <b>27.0</b>  | <b>27.0</b>                 |   |
| <b>4.6 Division Support Space</b>                                 |                     |                          |                            |                                    |                                   |                    |              |                             |   |
| Reception/Waiting   | -                   | -                        | -                          | UT                                 | 5-30                              | 12.3               | 12.0         | 12.0                        | NSM guideline allocation w/ waiting                           |
| Conference Room   | -                   | -                        | -                          | UT                                 | 5-24                              | 43.9               | 18.0         | 18.0                        | NSM guideline allocation                                      |
| Storage, Files  | -                   | -                        | -                          | UT                                 | 5-30K                             | 7.9                | 9.0          | 9.0                         | NSM guideline allocation                                      |
| Copy/Fax Room   | -                   | -                        | -                          | UT                                 | 5-30M                             | 8.8                | 9.0          | 9.0                         | NSM guideline allocation                                      |
| Internal Circulation  | -                   | -                        | -                          | UT                                 | 5-30ZZ                            | [28.0]             | [28.0]       | [28.0]                      | Circulation not incl in GSP allocation                        |
| <b>Subtotal</b>   |                     |                          |                            |                                    |                                   | <b>72.9</b>        | <b>48.0</b>  | <b>48.0</b>                 |   |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                     |                          |                            |                                    |                                   | <b>267.2</b>       | <b>174.0</b> | <b>222.0</b>                |   |
| <b>TOTAL: DoM, DIVISION OF PREVENTIVE MEDICINE</b>                |                     |                          |                            |                                    |                                   | <b>383.6</b>       | <b>283.7</b> | <b>331.7</b>                | <b>NSM<sup>2</sup></b>  |

Notes:

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. The existing area of 383.6 sqm includes portions of internal circulation, e.g. in 5-22.

**APPENDIX B - DETAILED DOM GSP SPACE TABLES**
**5.13 DoM DIVISION OF PULMONARY MEDICINE**

| SPACE CATEGORY  |                      |                    |                         | Current Location |          | GSP Space (Net Sq M) <sup>1</sup> |                   |           | Comments / Space Attributes                               |
|---|----------------------|--------------------|-------------------------|------------------|----------|-----------------------------------|-------------------|-----------|---|
| Space Use / Function  | Position Type        | FoMD Planning Code | Person or PI/Group Name |                  |          | 2012/13                           |                   | Projected |   |
|   |                      |                    |                         | Bldg             | Room No. | Existing                          | Immediate Reqm'ts | 2017/18   |   |
| <b>3. RESEARCH SPACE</b>  |                      |                    |                         |                  |          |                                   |                   |           |   |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b> |                      |                    |                         |                  |          |                                   |                   |           |   |
| <b>Pulmonary Research Group (PRG)</b>                               |                      |                    |                         |                  |          |                                   |                   |           | <b>PI's include Befus, Cameron, Lacy &amp; Vliagoftis</b> |
| Serviced Lab  | -                    | -                  | "                       | HMRC             | 559      | [152.8]                           | [152.8]           | [152.8]   | NSM allocation based on exist'g size                      |
| Serviced Lab  | -                    | -                  | "                       | HMRC             | 567      | [72.0]                            | [72.0]            | [72.0]    | "   |
| Cold Room/Freezer   | -                    | -                  | "                       | HMRC             | 575      | [9.6]                             | [9.6]             | [9.6]     | "   |
| Isotope Room  | -                    | -                  | "                       | HMRC             | 576      | [10.9]                            | [10.9]            | [10.9]    | "   |
| Serviced Lab  | -                    | -                  | "                       | HMRC             | 173      | [64.8]                            | [64.8]            | [64.8]    | Lab HMRC 173 may be re-assigned                           |
| Special Equip Room  | -                    | -                  | "                       | HMRC             | 177      | [11.4]                            | [11.4]            | [11.4]    | NSM allocation based on exist'g size                      |
| Serviced Lab  | -                    | -                  | "                       | HMRC             | 177A     | [20.7]                            | [20.7]            | [20.7]    | "   |
| Workstation   | Research Assistant   | SUP-FT             | Lunger, L               | HMRC             | 173      | -                                 | -                 | -         | 6.0 NSM allocation incl in lab space                      |
| Office  | -                    | -                  | "                       | HMRC             | 173B     | [12.5]                            | [12.5]            | [12.5]    | Office attached to lab                                    |
| Office  | -                    | -                  | "                       | HMRC             | 567B     | [10.2]                            | [10.2]            | [10.2]    | Office attached to lab                                    |
| Office  | PDF's & Residents    | -                  | "                       | HMRC             | 559B     | [11.5]                            | [11.5]            | [11.5]    | Office attached to lab                                    |
| <b>PRG - Dr. Befus Group</b>  |                      |                    |                         |                  |          |                                   |                   |           |   |
| Office  | Professor 3          | A1.1               | Befus, D                | HMRC             | 557      | -                                 | -                 | -         | Office incl under 4.2 Faculty, F-T                        |
| Workstation   | Student              |                    | Bishop, A               | HMRC             | 557      | -                                 | -                 | -         | 6.0 NSM allocation incl in lab space                      |
| Workstation   | Research Support     | A3.2               | Moon, T                 | HMRC             | 557      | -                                 | -                 | -         | "   |
| Workstation   | Med Lab Tech         | SUP-FT             | St Laurent, C           | HMRC             | 557      | -                                 | -                 | -         | "   |
| Workstation   | Research Support     | SUP-PT             | Watt, L                 | HMRC             | 550A     | -                                 | -                 | -         | "   |
| General Office  | -                    | -                  | -                       | HMRC             | 550A     | [16.0]                            | [16.0]            | [16.0]    | NSM allocation based on exist'g size                      |
| <b>PRG - Dr. Cameron Group</b>                                      |                      |                    |                         |                  |          |                                   |                   |           |   |
| Office  | Associate Professor  | A1.5               | Cameron, L              | HMRC             | 574B     | -                                 | -                 | -         | Office incl under 4.2 Faculty, F-T                        |
| Workstation   | Laboratory Assistant |                    | Gautam, B               | HMRC             | 574      | -                                 | -                 | -         | 6.0 NSM allocation incl in lab space                      |
| Workstation   | Adjunct Professor    | C1.4               | Moqbel, R               | HMRC             | 574A     | [11.5]                            | [6.0]             | [6.0]     | "   |
| Workstation   | Student              |                    | Fu, H                   | HMRC             | 574B     | -                                 | -                 | -         | "   |
| General Office  | -                    | -                  | -                       | HMRC             | 574      | [35.1]                            | [35.1]            | [35.1]    | NSM allocation based on exist'g size                      |
| <b>PRG - Dr. Lacy Group</b>   |                      |                    |                         |                  |          |                                   |                   |           |   |
| Office  | Associate Professor  | A1.5               | Lacy, P                 | HMRC             | 569      | -                                 | -                 | -         | Office incl under 4.2 Faculty, F-T                        |
| Workstation   | Laboratory Tech      | SUP-FT             | Davidson, C             | HMRC             | 559      | -                                 | -                 | -         | 6.0 NSM allocation incl in lab space                      |
| Workstation   | Grad Student, MSc    |                    | Patel, Smit             | HMRC             | 559      | -                                 | -                 | -         | "   |
| Workstation   | Med Lab Tech         | SUP-FT             | Pillai, R               | HMRC             | 559      | -                                 | -                 | -         | "   |
| Workstation   |                      |                    | Feng, Y                 | HMRC             | 559      | -                                 | -                 | -         | "   |
| Workstation   | Grad Student, PhD    | GRAD               | Willets, L              | HMRC             | 559      | -                                 | -                 | -         | "   |
| Workstation   | Research Support     | SUP-FT             | Zayas, M                | HMRC             | 559      | -                                 | -                 | -         | "   |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.13 DoM DIVISION OF PULMONARY MEDICINE (cont'd)**

| SPACE CATEGORY   |                      |                    |                         | Current Location |          | GSP Space (Net Sq M) <sup>1</sup> |                   |                | Comments/ Space Attributes           |
|--|----------------------|--------------------|-------------------------|------------------|----------|-----------------------------------|-------------------|----------------|--------------------------------------|
| Space Use / Function   | Position Type        | FoMD Planning Code | Person or PI/Group Name |                  |          | 2012/13                           |                   | Projected      |                                      |
|  |                      |                    |                         | Bldg             | Room No. | Existing                          | Immediate Reqm'ts | 2017/18        |                                      |
| <b>PRG - Dr. Vliagoftis Group</b>  |                      |                    |                         |                  |          |                                   |                   |                |                                      |
| Office   | Associate Professor  | A1.5               | Vliagoftis, H           | HMRC             | 561      | -                                 | -                 | -              | Office incl under 4.2 Faculty, F-T   |
| Workstation  | Research Assistant   | SUP-FT             | Nahirney, D             | HMRC             |          | -                                 | -                 | -              | 6.0 NSM allocation incl in lab space |
| <b>Subtotal</b>  |                      |                    |                         |                  |          | <b>[439.0]</b>                    | <b>[433.5]</b>    | <b>[433.5]</b> |                                      |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b>                   |                      |                    |                         |                  |          |                                   |                   |                |                                      |
| <b>Dr. Broderick Group</b>   |                      |                    |                         |                  |          |                                   |                   |                |                                      |
| Office   | Associate Professor  | A1.5               | Broderick, G            | Katz             | 4-120C   | 12.7                              | 12.0              | 12.0           | Office will remain w/ Lab in Katz    |
| Workstation  | Trust Research Assoc | A3.2               | Craddock, T             | Katz             | 4-120D/E | 28.0                              | 28.0              | 28.0           | NSM allocation based on exist'g size |
| Workstation  | Grad Student, PhD    |                    | Olayinka, S             | Katz             | 4-120D/E | -                                 | -                 | -              | NSM allocation incl in 28.0 NSM      |
| Workstation  | Postdoctoral Fellow  | GRAD               | Vashistha, S            | Katz             | 4-120D/E | -                                 | -                 | -              | "                                    |
| Workstation  | Student/Intern       |                    | 3 vacancies             | Katz             | 4-120D/E | -                                 | -                 | -              | "                                    |
| <b>Dr. Long Group</b>  |                      |                    |                         |                  |          |                                   |                   |                |                                      |
| Workstation  | Research Assistant   | SUP-FT             | Boyes, K                | ABC              | 8332     | 15.6                              | 6.0               | 6.0            |                                      |
| Workstation  | Database Analyst     | SUP-FT             | Chroniaris, B           | ABC              | 8335     | 9.6                               | 6.0               | 6.0            |                                      |
| Workstation  | Nurse Practitioner   | SUP-FT             | Eisenbeis, L            | ABC              | 8326     | 36.0                              | 6.0               | 6.0            |                                      |
| Workstation  | Research Assistant   | SUP-FT             | Heffernan, C            | ABC              | 8326     | -                                 | 6.0               | 6.0            |                                      |
| Workstation  | Unit Epidemiologist  | PDF                | Langlois-K, D           | ABC              | 8326     | -                                 | 6.0               | 6.0            |                                      |
| Workstation  | Research Assistant   |                    | Lau, Angela             | ABC              | 8332     | -                                 | 6.0               | 6.0            | New student intern                   |
| Workstation  | Grad Student, PhD    |                    | Moffat, J               | ABC              | 8300     | -                                 | 6.0               | 6.0            |                                      |
| Workstation  | Research Assistant   |                    | Taets, V                | ABC              | 8332     | -                                 | 6.0               | 6.0            |                                      |
| Workstation  | PhD Student          |                    | Varughese, M            | ABC              | 8332     | -                                 | 6.0               | 6.0            |                                      |
| Workstation  | Summer Students      |                    | 2 students              | ABC              | 8332     | -                                 | -                 | -              |                                      |
| Workstation  | Medical Secretary    |                    | Vacant                  | ABC              | 8334A    | -                                 | 6.0               | 6.0            |                                      |
| <b>Subtotal</b>  |                      |                    |                         |                  |          | <b>155.5</b>                      | <b>130.0</b>      | <b>130.0</b>   |                                      |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                      |                    |                         |                  |          |                                   |                   |                |                                      |
| <b>Dr. Mayers Group</b>  |                      |                    |                         |                  |          |                                   |                   |                |                                      |
| Workstation  | Research Assistant   | SUP-FT             | Bowen, M                | RTF              | 4-021    | 11.6                              | 6.0               | 6.0            |                                      |
| Workstation  | Research Assistant   | SUP-FT             | Hillaby, A              | RTF              | 4-022    | 11.7                              | 6.0               | 6.0            |                                      |
| Workstation  | Admin Assistant      | SUP-PT             | Krzanstek, A            | RTF              | 4-020    | 11.2                              | 6.0               | 6.0            |                                      |
| Workstation  | Research Assistant   | SUP-FT             | Luke, F                 | RTF              | 4-020    | -                                 | 6.0               | 6.0            |                                      |
| <b>Subtotal</b>  |                      |                    |                         |                  |          | <b>34.5</b>                       | <b>24.0</b>       | <b>24.0</b>    |                                      |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.13 DoM DIVISION OF PULMONARY MEDICINE (cont'd)**

| SPACE CATEGORY  |                     |                    |                         | Current Location<br>Bldg Room No. |                    | GSP Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes  |
|---|---------------------|--------------------|-------------------------|-----------------------------------|--------------------|-----------------------------------|--------------|--------------|--|
| Space Use / Function  | Position Type       | FoMD Planning Code | Person or PI/Group Name |                                   |                    | 2012/13                           |              | Projected    |  |
|   |                     |                    |                         | Existing                          | Immediate Req'm'ts | 2017/18 Req'm'ts                  |              |              |  |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b> |                     |                    |                         |                                   |                    |                                   |              |              |  |
| <b>Dr. Stickland Lab</b>  |                     |                    |                         |                                   |                    |                                   |              |              |  |
| Human Subjects Lab  | -                   | -                  | PI: M. Stickland        | -                                 | -                  | -                                 | 75.0         | 75.0         | As per suggested prelim layout   |
| Workstation   | Student             |                    | Buyers, B               | ABC 8-324/                        |                    | 42.0                              | 6.0          | 6.0          |  |
| Workstation   | Postdoctoral Fellow | PDF                | Edgell, H               | ABC 8-334B/                       |                    | -                                 | 6.0          | 6.0          |  |
| Workstation   | Research Assistant  | SUP-FT             | Fuhr, D                 | ABC 8-328                         |                    | -                                 | 6.0          | 6.0          |  |
| Workstation   | Postdoctoral Fellow | SUP-PT             | McGarvey, W             | ABC "                             |                    | -                                 | 6.0          | 6.0          |  |
| Workstation   | Postdoctoral Fellow |                    | Moore, L                | ABC "                             |                    | -                                 | 6.0          | 6.0          |  |
| Workstation   | Research Support    | SUP-FT             | Rieger, M               | ABC "                             |                    | -                                 | 6.0          | 6.0          |  |
| Workstation   | Postdoctoral Fellow |                    | Tgdjasaputra, V         | ABC "                             |                    | -                                 | 6.0          | 6.0          |  |
| Workstation   | Research Support    |                    | Future Growth           | WMC 0A8.16                        |                    | -                                 | -            | 18.0         | Current space in ABACUS<br>Estimate growth of 3-4 positions                |
| <b>Dr. Vliagoftis Lab</b>   |                     |                    |                         |                                   |                    |                                   |              |              |  |
| Human Subjects Lab  | -                   | -                  | PI: H. Vliagoftis       | -                                 | -                  | -                                 | 75.0         | 75.0         | Similar reqm'ts to Stickland Lab   |
| <b>Subtotal</b>   |                     |                    |                         |                                   |                    | <b>42.0</b>                       | <b>192.0</b> | <b>210.0</b> |  |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>  |                     |                    |                         |                                   |                    | <b>232.0</b>                      | <b>346.0</b> | <b>364.0</b> |  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>                   |                     |                    |                         |                                   |                    |                                   |              |              |  |
| <b>4.1 Division Administration</b>  |                     |                    |                         |                                   |                    |                                   |              |              |  |
| Workstation   | Admin Support/AHS   |                    | Chaba, D                | WMC                               |                    | -                                 | 6.0          | 6.0          |  |
| Workstation   | Medical Secretary   | SUP-FT             | de Guzman, I            | WMC 2E4.27                        |                    | 14.9                              | 6.0          | 6.0          |  |
| Workstation   | Medical Secretary   | SUP-FT             | Falconer, S             | WMC 2E4.41                        |                    | 25.3                              | 6.0          | 6.0          |  |
| Workstation   | Medical Secretary   | SUP-FT             | Lizotte, J              | WMC 2E4                           |                    | -                                 | 6.0          | 6.0          |  |
| Workstation   | Admin Assistant     | SUP-FT             | Mabindisa, T            | WMC 2E4.36                        |                    | 22.4                              | 6.0          | 6.0          |  |
| Workstation   | Admin Support/AHS   |                    | Roth, S                 | WMC                               |                    | -                                 | 6.0          | 6.0          |  |
| Workstation   | Medical Secretary   | SUP-FT             | Tobin, C                | WMC 2E4.31                        |                    | 22.2                              | 6.0          | 6.0          |  |
| Workstation   | Admin Support       | SUP-FT             | Turakova-B, Z           | WMC 2E4-36                        |                    | -                                 | 6.0          | 6.0          |  |
| Workstation   | Admin Support       |                    | Future growth           | -                                 |                    | -                                 | -            | 18.0         | 1 per 2-3 physicians = 3@6.0 NSM   |
| Workstation   | Medical Secretary   | SUP-FT             | Alexander, L            | CP 2-25C                          |                    | 20.5                              | 6.0          | 6.0          | Assume will relocate to the CSB w/<br>the F-T Faculty they support         |
| Workstation   | Admin Assistant     | SUP-PT             | Hartt, N                | CP 2-25                           |                    | 42.6                              | 6.0          | 6.0          | Existing space incl open workstns,<br>reception, internal circulation, etc |
| Workstation   | Medical Secretary   | SUP-FT             | Pineda, R               | CP 2-25                           |                    | -                                 | 6.0          | 6.0          |  |
| Workstation   | Admin Assistant     | SUP-FT             | Wachniak, K             | CP 2-25C                          |                    | -                                 | 6.0          | 6.0          | "  |
| <b>Subtotal</b>   |                     |                    |                         |                                   |                    | <b>147.9</b>                      | <b>72.0</b>  | <b>90.0</b>  |  |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.13 DoM DIVISION OF PULMONARY MEDICINE (cont'd)**

| SPACE CATEGORY                                     |                      |                    |                         | Current Location |          | GSP Space (Net Sq M) <sup>1</sup> |                   |                 | Comments / Space Attributes         |
|--|----------------------|--------------------|-------------------------|------------------|----------|-----------------------------------|-------------------|-----------------|-------------------------------------|
| Space Use / Function                               | Position Type        | FoMD Planning Code | Person or PI/Group Name |                  |          | 2012/13                           |                   | Projected       |                                     |
|  |                      |                    |                         | Bldg             | Room No. | Existing                          | Immediate Reqm'ts | 2017/18 Reqm'ts |                                     |
| <b>4.2 Faculty, Full-time</b>                      |                      |                    |                         |                  |          |                                   |                   |                 |                                     |
| Office   | Division Director    | A1.5               | Vliagoftis, H           | HMRC             | 561      | 10.1                              | 12.0              | 12.0            | Office currently located w/ wet lab |
| Office   | Associate Professor  | A1.5               | Bhutani, M              | WMC              | 2E4.44   | 12.0                              | 12.0              | 12.0            |                                     |
| Office   | Associate Professor  | A1.5               | Cheung, L               | WMC              | 2E4.34   | 11.7                              | 12.0              | 12.0            |                                     |
| Office   | Associate Professor  | A1.5               | Damant, R               | WMC              | 2E4.37   | 11.7                              | 12.0              | 12.0            |                                     |
| Office   | Assistant Professor  | A1.5               | Kapasi, A               | WMC              | 2E4.42   | 12.0                              | 12.0              | 12.0            |                                     |
| Office   | Asst Clinical Prof   |                    | Leung, W                | CP               | 2-25F    | 9.1                               | 12.0              | 12.0            | P-T ARP position as of July 2012    |
| Office   | Professor 3          | A1.5               | Lien, D                 | WMC              | 2E4.33   | 12.2                              | 12.0              | 12.0            |                                     |
| Office   | Professor 3          | A1.5               | Man, G                  | WMC              | 2E4.26   | 18.7                              | 12.0              | 12.0            |                                     |
| Office   | Assistant Professor  | A1.5               | Nador, R                | WMC              | 2E4.43   | 12.0                              | 12.0              | 12.0            |                                     |
| Office   | Associate Professor  | A1.5               | Vethanayagam            | WMC              | 2E4.29   | 13.2                              | 12.0              | 12.0            |                                     |
| Office   | Associate Professor  | A1.5               | Weinkauff, J            | WMC              | 2E4.39   | 10.7                              | 12.0              | 12.0            |                                     |
| Office   | Associate Professor  | A1.5               | Wong, E                 | WMC              | 2E4.32   | 10.7                              | 12.0              | 12.0            |                                     |
| Office   | Professor 3          | A1.5               | Long, R                 | ABC              | 8-325    | 15.0                              | 12.0              | 12.0            |                                     |
| Office   | Assistant Professor  | A1.5               | McNab, B                | ABC              | 8-327    | 15.0                              | 12.0              | 12.0            |                                     |
| Office   | Assistant Professor  | A1.5               | Stickland, M            | ABC              | 8-334B   | -                                 | 12.0              | 12.0            |                                     |
| Office   | Assistant Professor  | A1.5               | Verma, G                | ABC              | 8-329    | 15.0                              | 12.0              | 12.0            |                                     |
| Office   | Professor 3          | A2.2               | Brown, N                | CP               | 2-25E    | 10.4                              | 12.0              | 12.0            | Will relocate to the CSB            |
| Office   | Assistant Professor  | A1.5               | Kalluri, M              | CP               | 2-25D    | 9.3                               | 12.0              | 12.0            | "                                   |
| Office   | Professor 3          | A1.5               | Mayers, I               | CP               | 2-25A    | 15.9                              | 12.0              | 12.0            | "                                   |
| Office   | Professor 3          | A1.1               | Befus, D                | HMRC             | 557      | 11.9                              | 12.0              | 12.0            | Office currently located w/ wet lab |
| Office   | Associate Professor  | A1.5               | Cameron, L              | HMRC             | 574B     | 11.3                              | 12.0              | 12.0            | Office currently located w/ wet lab |
| Office   | Associate Professor  | A1.5               | Lacy, P                 | HMRC             | 569      | 10.1                              | 12.0              | 12.0            | Office currently located w/ wet lab |
| Office   | Associate Professor  | A1.5               | Broderick, G            | Katz             | 4-120C   | -                                 | -                 | -               | Office incl w/ dry lab in Katz      |
| Office   | F-T Faculty          |                    | Future growth           | -                | -        | -                                 | -                 | 24.0            | 2 addn'l F-T Faculty by 2012/13     |
| Office   | F-T Faculty          |                    | Future growth           | -                | -        | -                                 | -                 | 36.0            | 3 addn'l F-T Faculty by 2013/14     |
| Office   | F-T Faculty          |                    | Future growth           | -                | -        | -                                 | -                 | 36.0            | 3 addn'l F-T Faculty by 2014/15     |
| <b>Subtotal</b>                                    |                      |                    |                         |                  |          | <b>258.0</b>                      | <b>264.0</b>      | <b>360.0</b>    |                                     |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b> |                      |                    |                         |                  |          |                                   |                   |                 |                                     |
| Workstation  | Cont Tchgr Professor |                    | Jones, R                | ABC              | 8-328    | -                                 | 6.0               | 6.0             |                                     |
| T-D Workstation                                    | Asst Clinical Prof   | C1.2               | Bibeau, M               | WMC              | 2E4.38   | 12.2                              | 3.0               | 3.0             | 1 shared T-D wkstn per 10 persons   |
| T-D Workstation                                    | FFS                  |                    | Carmeu, D               | -                | -        | -                                 | -                 | -               | "                                   |
| T-D Workstation                                    | Asst Clinical Prof   | C1.2               | Chiam, B                | -                | -        | -                                 | -                 | -               | "                                   |
| T-D Workstation                                    | Assoc Clinical Prof  | C1.2               | Jackson, T              | -                | -        | -                                 | -                 | -               | "                                   |
| T-D Workstation                                    | Locum                |                    | Mulchey, K              | -                | -        | -                                 | -                 | -               | "                                   |
| T-D Workstation                                    | Asst Clinical Prof   | C1.2               | Wei, P                  | -                | -        | -                                 | -                 | -               | "                                   |
| T-D Workstation                                    | FFS                  |                    | Yehya, J                | -                | -        | -                                 | -                 | -               | "                                   |
| T-D Workstation                                    | Assoc Clinical Prof  | C1.2               | Richman-E, J            | CP               | 2-25B    | 10.2                              | -                 | -               | "                                   |
| <b>Subtotal</b>                                    |                      |                    |                         |                  |          | <b>22.4</b>                       | <b>9.0</b>        | <b>9.0</b>      |                                     |



APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.13 DoM DIVISION OF PULMONARY MEDICINE (cont'd)**

| SPACE CATEGORY  |               |                          |                            | Current Location<br>Bldg Room No. |                      | GSP Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes                                   |
|---|---------------|--------------------------|----------------------------|-----------------------------------|----------------------|-----------------------------------|--------------|--------------|---|
| Space Use / Function  | Position Type | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   |                      | 2012/13                           |              | Projected    |   |
|   |               |                          |                            | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18                |              |              |   |
| <b>4.4 Other Academic / Research / Clinical Staff</b>             |               |                          |                            |                                   |                      |                                   |              |              |   |
| None identified   |               |                          |                            |                                   |                      |                                   |              |              |   |
| <b>Subtotal</b>   |               |                          |                            |                                   |                      | <b>0.0</b>                        | <b>0.0</b>   | <b>0.0</b>   |   |
| <b>4.5 Graduate Students</b>                                      |               |                          |                            |                                   |                      |                                   |              |              |   |
| Workstation   | Resident IV   | PG-RES                   | Bhandari, R                | WMC                               | 2E4.01/<br>21        | 20.6                              | 3.0          | 3.0          | Each sub-specialty Resident is assigned a 3.0 NSM workstation |
| Workstation   | Resident IV   | PG-RES                   | Birdi, K                   | WMC                               | "                    | -                                 | 3.0          | 3.0          |   |
| Workstation   | Resident IV   | PG-RES                   | Iqbal, H                   | WMC                               | "                    | -                                 | 3.0          | 3.0          |   |
| Workstation   | Resident V    | PG-RES                   | MacIntyre, E               | WMC                               | "                    | -                                 | 3.0          | 3.0          |   |
| Workstation   | Resident IV   | PG-RES                   | Parhar, A                  | WMC                               | "                    | -                                 | 3.0          | 3.0          |   |
| Workstation   | Resident V    | PG-RES                   | Sidhu, A                   | WMC                               | "                    | -                                 | 3.0          | 3.0          |   |
| Workstation   | Resident V    | PG-RES                   | Ullah, S                   | WMC                               | "                    | -                                 | 3.0          | 3.0          |   |
| Workstation   | Resident      |                          | Vacant                     | WMC                               | "                    | -                                 | 3.0          | 3.0          |   |
| <b>Subtotal</b>   |               |                          |                            |                                   |                      | <b>20.6</b>                       | <b>24.0</b>  | <b>24.0</b>  |   |
| <b>4.6 Division Support Space</b>                                 |               |                          |                            |                                   |                      |                                   |              |              |   |
| Reception   | -             | -                        | -                          | -                                 | -                    | -                                 | 6.0          | 6.0          | NSM guideline allocation                                      |
| Conference Room   | -             | -                        | -                          | RTF                               | 4-000                | -                                 | 18.0         | 18.0         | Guideline allocation; could share                             |
| Storage, Files  | -             | -                        | -                          | WMC                               | 2E4.31/<br>36/41     | -                                 | 9.0          | 9.0          | NSM guideline allocation                                      |
| Copy/Fax Room   | -             | -                        | -                          | WMC                               | 2E4.02               | 8.4                               | 9.0          | 9.0          | Guideline allocation; could share                             |
| <b>Subtotal</b>   |               |                          |                            |                                   |                      | <b>8.4</b>                        | <b>42.0</b>  | <b>42.0</b>  |   |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |               |                          |                            |                                   |                      | <b>457.3</b>                      | <b>411.0</b> | <b>525.0</b> |   |
| <b>TOTAL: DoM, DIVISION OF PULMONARY MEDICINE</b>                 |               |                          |                            |                                   |                      | <b>689.3</b>                      | <b>757.0</b> | <b>889.0</b> | <b>NSM</b>  |

Notes:

1. All areas used in this document are net assignable square metres unless otherwise indicated.

APPENDIX B - DETAILED DOM GSP SPACE TABLES

**5.14 DoM DIVISION OF RHEUMATOLOGY**

| SPACE CATEGORY   |                    |                    |                         | Current Location<br>Bldg Room No. |                    | GSP Space (Net Sq M) <sup>1</sup> |                |           | Comments / Space Attributes   |
|--|--------------------|--------------------|-------------------------|-----------------------------------|--------------------|-----------------------------------|----------------|-----------|---|
| Space Use / Function   | Position Type      | FoMD Planning Code | Person or PI/Group Name |                                   |                    | 2012/13                           |                | Projected |   |
|  |                    |                    |                         | Existing                          | Immediate Req'm'ts | Req'm'ts 2017/18                  |                |           |   |
| <b>3. RESEARCH SPACE</b>   |                    |                    |                         |                                   |                    |                                   |                |           |   |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b>        |                    |                    |                         |                                   |                    |                                   |                |           |   |
| Maksymowych Wet Lab  | -                  | -                  | PI: W. Maksymowych      |                                   |                    |                                   |                |           | Assume lab remains in the HMRC  |
| Serviced Lab   | -                  | -                  | "                       | HMRC 568                          | [140.2]            | [140.2]                           | [140.2]        |           | NSM allocation based on exist'g size, incl microscope clean room                          |
| Office   | Professor 3        | A1.5               | Maksymowych, W          | HMRC 568A                         | -                  | -                                 | -              |           | Office incl under 4.2 Faculty, F-T  |
| Workstation  | Research Support   |                    | Belton, S               | HMRC 568B                         | [12.0]             | [12.0]                            | [12.0]         |           |   |
| Workstation  | Research Support   | SUP-PT             | Wagar, L                | HMRC 568                          | -                  | -                                 | -              |           | NSM allocation incl in lab space  |
| <b>Subtotal</b>  |                    |                    |                         |                                   | <b>[152.2]</b>     | <b>[152.2]</b>                    | <b>[152.2]</b> |           |   |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b>                   |                    |                    |                         |                                   |                    |                                   |                |           |   |
| None identified  |                    |                    |                         |                                   |                    |                                   |                |           |   |
| <b>Subtotal</b>  |                    |                    |                         |                                   | <b>0.0</b>         | <b>0.0</b>                        | <b>0.0</b>     |           |   |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                    |                    |                         |                                   |                    |                                   |                |           |   |
| Maksymowych Dry Lab  | -                  | -                  | PI: W. Maksymowych      |                                   |                    |                                   |                |           | Assume lab remains in the HMRC, although it may relocate in the longer term               |
| Dry Lab  | -                  | -                  | "                       | HMRC 763                          | 31.1               | 31.1                              | 31.1           |           | NSM allocation based on exist'g size  |
| Workstation  | Research Support   |                    | Akst, K                 | HMRC 763                          | -                  | -                                 | -              |           | NSM allocation incl in lab space  |
| Workstation  | Research Support   | SUP-PT             | Benditt, R              | HMRC 763                          | -                  | -                                 | -              |           | "   |
| Workstation  | Research Support   | EXT                | Kwan, M                 | HMRC 763                          | -                  | -                                 | -              |           | "   |
| Workstation  | Research Support   | EXT                | Meertens, J             | HMRC 763                          | -                  | -                                 | -              |           | "   |
| Workstation  | Research Assistant | SUP-FT             | Bissonauth, A           | HMRC 763                          | -                  | -                                 | -              |           | Research assistant for PI: S. Keeling; NSM allocation incl in lab space                   |
| Workstation  | Research Support   | EXT                | Hutchings, E            | CSB 9112D                         | 10.3               | 6.0                               | 6.0            |           | Supports all Rheumatology clinical trials for PI's: J. Homik, S. Keeling & W. Maksymowych |
| Workstation  | Research Support   |                    | Lawstiwka, R            | CSB 9112                          | -                  | 6.0                               | 6.0            |           |   |
| Monitor Room   | -                  | -                  | -                       | -                                 | -                  | 10.0                              | 10.0           |           | These spaces support all Rheumatology clinical trials                                     |
| Files Storage  | -                  | -                  | -                       | -                                 | -                  | 10.0                              | 10.0           |           |   |
| <b>Subtotal</b>  |                    |                    |                         |                                   | <b>41.4</b>        | <b>63.1</b>                       | <b>63.1</b>    |           |   |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b>  |                    |                    |                         |                                   |                    |                                   |                |           |   |
| None identified  |                    |                    |                         |                                   |                    |                                   |                |           |   |
| <b>Subtotal</b>  |                    |                    |                         |                                   | <b>0.0</b>         | <b>0.0</b>                        | <b>0.0</b>     |           |   |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                    |                    |                         |                                   | <b>41.4</b>        | <b>63.1</b>                       | <b>63.1</b>    |           |   |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.14 DoM DIVISION OF RHEUMATOLOGY (cont'd)

| SPACE CATEGORY  |                     |                          |                            | Current Location<br>Bldg Room No. | GSP Space (Net Sq M) <sup>1</sup> |                    |             | Comments / Space Attributes |  |
|---|---------------------|--------------------------|----------------------------|-----------------------------------|-----------------------------------|--------------------|-------------|-----------------------------|--|
| Space Use / Function                                    | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | 2012/13                           |                    | Projected   |                             |  |
|   |                     |                          |                            | Existing                          | Immediate<br>Reqm'ts              | Reqm'ts<br>2017/18 |             |                             |  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                     |                          |                            |                                   |                                   |                    |             |                             |  |
| <b>4.1 Division Administration</b>                      |                     |                          |                            |                                   |                                   |                    |             |                             |  |
| Workstation   | Medical Secretary   | SUP-FT                   | Barton, J                  | HMRC                              | 562H                              | 11.7               | 6.0         | 6.0                         | 2 workstations located in 562H                                     |
| Workstation   | Medical Secretary   | SUP-FT                   | Carter, S                  | HMRC                              | 562H                              | -                  | 6.0         | 6.0                         | "  |
| Workstation   | Medical Secretary   | SUP-FT                   | Ellebruch, M               | HMRC                              | 568B                              | -                  | 6.0         | 6.0                         | Position shared 50/50 with<br>Endocrinology                        |
| Workstation   | Admin Support       |                          | Johnston, C                | HMRC                              | 562A                              | 44.5               | 6.0         | 6.0                         | Multiple workstations located in<br>562A plus internal circulation |
| Workstation   | Medical Secretary   | SUP-FT                   | Siik, M                    | HMRC                              | 562A                              | -                  | 6.0         | 6.0                         | "  |
| Workstation   | Admin Secretary     | SUP-FT                   | Stevens, C                 | HMRC                              | 562A                              | -                  | 6.0         | 6.0                         | "  |
| Workstation   | Admin Support       |                          | Stocker, A                 | HMRC                              | 562A                              | -                  | 6.0         | 6.0                         | "  |
| Workstation   | Medical Secretary   | SUP-FT                   | Tcaczyk, L                 | HMRC                              | 562A                              | -                  | 6.0         | 6.0                         | "  |
| Workstation   | Admin Support       |                          | Tindall, M                 | HMRC                              | 562A                              | -                  | 6.0         | 6.0                         | "  |
| Workstation   | Admin Support       | SUP-FT                   | Future growth              | -                                 | -                                 | -                  | -           | 12.0                        | 1 per 2-3 physicians = 2@6.0 NSM                                   |
| <b>Subtotal</b>   |                     |                          |                            |                                   |                                   | <b>56.2</b>        | <b>54.0</b> | <b>66.0</b>                 |  |
| <b>4.2 Faculty, Full-time</b>                           |                     |                          |                            |                                   |                                   |                    |             |                             |  |
| Office  | Division Director   | A1.5                     | Homik, J                   | HMRC                              | 562F                              | 11.0               | 12.0        | 12.0                        | Associate Professor  |
| Office  | Professor 3         | A1.5                     | Aaron, S                   | HMRC                              | 562E                              | 11.1               | 12.0        | 12.0                        |  |
| Office  | Professor 3         | A1.1                     | Davis, P                   | HMRC                              | 562D                              | 11.1               | 12.0        | 12.0                        |  |
| Office  | Associate Professor | A1.5                     | Keeling, S                 | HMRC                              | 562                               | 16.5               | 12.0        | 12.0                        | Portion of 562 converted to office                                 |
| Office  | Professor 3         | A1.5                     | Maksymowych                | HMRC                              | 568A                              | 10.1               | 12.0        | 12.0                        | Office currently located w/wet lab                                 |
| Office  | Assistant Professor | A1.5                     | Oswald, A                  | HMRC                              | 564                               | 11.2               | 12.0        | 12.0                        |  |
| Office  | Assistant Professor | A1.5                     | Yacyshyn, E                | HMRC                              | 562C                              | 10.8               | 12.0        | 12.0                        |  |
|   |                     |                          |                            | HMRC                              | 562M                              | 8.8                | -           | -                           |  |
| Office  | F-T Faculty         |                          | Future growth              | -                                 | -                                 | -                  | -           | 24.0                        | 2 addn'l F-T Faculty by 2012/13                                    |
| Office  | F-T Faculty         |                          | Future growth              | -                                 | -                                 | -                  | -           | 24.0                        | 2 addn'l F-T Faculty by 2013/14                                    |
| Office  | F-T Faculty         |                          | Future growth              | -                                 | -                                 | -                  | -           | 12.0                        | 1 addn'l F-T Faculty by 2014/15                                    |
| <b>Subtotal</b>   |                     |                          |                            |                                   |                                   | <b>90.6</b>        | <b>84.0</b> | <b>144.0</b>                |  |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>      |                     |                          |                            |                                   |                                   |                    |             |                             |  |
| Workstation   | Asst Clinical Prof  | C1.2                     | Katz, S                    | HMRC                              | 562G                              | 7.6                | 6.0         | 6.0                         | DoM Service Contract   |
| T-D Workstation   | Emeritus            |                          | Russell, A                 | HMRC                              | 562B                              | 13.9               | 3.0         | 3.0                         |  |
| T-D Workstation   | P-T Faculty         |                          | Teo, M                     | HMRC                              | 562A                              | -                  | 3.0         | 3.0                         |  |
| <b>Subtotal</b>   |                     |                          |                            |                                   |                                   | <b>21.5</b>        | <b>12.0</b> | <b>12.0</b>                 |  |
| <b>4.4 Other Academic / Research / Clinical Staff</b>   |                     |                          |                            |                                   |                                   |                    |             |                             |  |
| T-D Workstation   | Clinical Lecturer   | C1.2                     | Abdulsamad, A              | HMRC                              | 562A                              | -                  | 3.0         | 3.0                         |  |
| <b>Subtotal</b>   |                     |                          |                            |                                   |                                   | <b>0.0</b>         | <b>3.0</b>  | <b>3.0</b>                  |  |

APPENDIX B - DETAILED DOM GSP SPACE TABLES

5.14 DoM DIVISION OF RHEUMATOLOGY (cont'd)

| SPACE CATEGORY  |               |                          |                            | Current Location<br>Bldg Room No. |                      | GSP Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes   |
|---|---------------|--------------------------|----------------------------|-----------------------------------|----------------------|-----------------------------------|--------------|--------------|---|
| Space Use / Function  | Position Type | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   |                      | 2012/13                           |              | Projected    |   |
|   |               |                          |                            | Existing                          | Immediate<br>Reqm'ts | Reqm'ts<br>2017/18                |              |              |   |
| <b>4.5 Trainees</b>   |               |                          |                            |                                   |                      |                                   |              |              |   |
| Workstation   | Resident V    | PG-RES                   | Yeung, J                   | HMRC                              | 562A                 | -                                 | 3.0          | 3.0          | Each sub-specialty Resident is assigned a 3.0 NSM workstation         |
| Workstation   | Resident V    | PG-RES                   | Zhao, B                    | HMRC                              | 562A                 | -                                 | 3.0          | 3.0          |   |
| Workstation   | Resident      |                          | Vacant                     | HMRC                              | 562A                 | -                                 | 3.0          | 3.0          |   |
| <b>Subtotal</b>   |               |                          |                            |                                   |                      | <b>0.0</b>                        | <b>9.0</b>   | <b>9.0</b>   |   |
| <b>4.6 Division Support Space</b>                                 |               |                          |                            |                                   |                      |                                   |              |              |   |
| Reception   | -             | -                        | -                          | -                                 | -                    | -                                 | 6.0          | 6.0          | NSM guideline allocation  |
| Conference Room   | -             | -                        | -                          | HMRC                              | 550B                 | [45.9]                            | 18.0         | 18.0         | Existing room is shared FoMD space; guideline allocation; could share |
| Storage, Files  | -             | -                        | -                          | HMRC                              | 562                  | -                                 | 9.0          | 9.0          | NSM guideline allocation  |
| Copy/Fax Room   | -             | -                        | -                          |                                   |                      | -                                 | 9.0          | 9.0          | Guideline allocation; could share                                     |
| <b>Subtotal</b>   |               |                          |                            |                                   |                      | <b>0.0</b>                        | <b>42.0</b>  | <b>42.0</b>  |   |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |               |                          |                            |                                   |                      | <b>168.3</b>                      | <b>204.0</b> | <b>276.0</b> |   |
| <b>TOTAL: DoM, DIVISION OF RHEUMATOLOGY</b>                       |               |                          |                            |                                   |                      | <b>209.7</b>                      | <b>267.1</b> | <b>339.1</b> | <b>NSM<sup>2</sup></b>  |

Notes:

1. All areas used in this document are net assignable square metres unless otherwise indicated.
2. The existing area of 209.7 sqm includes portions of internal circulation, e.g. in HMRC 562A.

## SPACE ALLOCATIONS FOR FoMD SPACE PLANNING

These recommended guideline space allocations are based on the OUA Space Management Manual Guidelines as well as the FoMD's Space Policy (November, 2011) document. They are used in the DoM General Space Program and in the Functional Program for the CSB Backfill.

Note - Within the associated Functional Program developed for the CSB Backfill, these space allocations may need to be adjusted to reflect the existing building conditions and constraints such as wall locations and room sizes to avoid unwarranted renovations.

### 1. 'Small' Open Workstation - 3.0 NSM

- Will typically be a shared, touch down/hoteling space, but occasionally may be assigned to an individual.
- E.g. Graduate Student, Emeriti, P-T Clinical Appointment, etc.

### 2. 'Standard' Open Workstation - 6.0 NSM

- Will typically be assigned to an individual, but may be a shared, touch down space.
- Number of workstations within a space will vary, e.g. may be 2 in a 12 NSM office or more within a larger open work space.
- It is assumed that a 6.0 NSM workstation may include 1 file cabinet.
- E.g. PDF, Research Associate, Research Assistant, Research and Clinical Coordinator, Lab Technician, IT, Tech, etc.
- E.g. Administrative Support position that is HR grade 05-10.
- E.g. Reception Station (excluding waiting).

### 3. 'Large' Open Workstation or 'Small' Office - 9.0 NSM

- Will almost always be assigned to an individual.
- Decision on open vs. closed space will depend on factors such as the privacy and confidentiality requirements of the job, existing building conditions, etc.
- E.g. Administrative Support position that is HR grade 11-15.

### 4. 'Standard' Office - 12.0 NSM

- Will almost always be assigned to an individual and is assumed to be an enclosed office.
- E.g. F-T Faculty, Division Director, APO, FSO, etc.

### 5. 'Large' Office - 16.0 NSM

- Will always be assigned to an individual and is assumed to be an enclosed office.
- E.g. Department Chair, etc.

## APPENDIX C - FOMD RECOMMENDED SPACE ALLOCATIONS

**6. Conference Room - 18.0 NSM**

- For purposes of the DoM GSP, a conference room of 18.0 NSM that accommodates 8-12 persons and possibly a refreshment station is included in each DoM division's space allocation. However, it is recognized that there will be opportunities to combine/share conference rooms among divisions that are located in proximity to one another, e.g. on the same floor, which will be captured in the Functional Program for the CSB backfill.
- Where appropriate, there will be the opportunity to utilize these same conference rooms as small seminar spaces.
- It is assumed that larger conference room space will be shared across the DoM, e.g. the 20-30 person conference room (13-126) located on the 13<sup>th</sup> floor that is 78.0 NSM.

**7. Copy / Printer / Fax Room - 9.0-12.0 NSM**

- For purposes of the DoM GSP, a copy/printer/fax room is included in each DoM division's space allocation, with a recommended guideline allocation of 9.0 NSM. However, it is again recognized that there will be opportunities to combine/share these rooms among divisions that are located in proximity to one another, e.g. on the same floor, which will be captured in the Functional Program for the CSB backfill.
- The size allocation may be increased to 10.0-12.0 NSM depending on the number of pieces of equipment to be accommodated and the potential need for associated production and storage space.

**8. Storage, Files & Equipment - 9.0 NSM**

- File storage space will be allocated to each DoM Division based on its identified needs, with a recommended guideline allocation of 9.0 NSM. The size allocation may be increased depending on the identified need for additional file cabinets and/or shelving.
- The guideline space allocation is 1.0 NSM per standard lateral file cabinet.
- Other more unique storage space requirements, e.g. equipment will be allocated on a case by case basis according to identified needs.

## LIST OF ACRONYMS

Acronyms that appear more than once in this GSP are listed below.

|         |   |
|---------|---|
| AARP    | Academic Alternate Relationship Plan  |
| ABACUS  | Alberta Cardiovascular & Stroke Research Centre   |
| ABC     | Aberhart Centre   |
| AHS     | Alberta Health Services   |
| ADI     | Alberta Diabetes Institute  |
| ATAGC   | Alberta Transplant & Applied Genomics Centre (includes the Transplant Research Institute) |
| BARB    | Brain and Aging Research Building (formerly the Environmental Engineering Building)       |
| CAFM    | Computer-Aided Facility Management  |
| CEGIIR  | Centre of Excellence for Gastrointestinal Inflammation and Immunity Research              |
| CGSM    | Component Gross Square Metres   |
| CIP     | Comprehensive Institutional Plan  |
| CP      | College Plaza building  |
| CSB     | Clinical Sciences Building  |
| DoM     | Department of Medicine  |
| EASE    | Ensuring Access and Speedy Evaluation cardiac clinic                                      |
| ECHA    | Edmonton Clinic Health Academy  |
| EPICORE | Epidemiology Coordination & Research Centre   |
| FARM    | Faculty Administration Resource Manager system  |
| FoMD    | Faculty of Medicine and Dentistry   |
| F-T     | Full time   |
| FTE     | Fulltime Equivalent   |
| GILDR   | Gastrointestinal and Liver Disease Research Group   |
| GIM     | General Internal Medicine   |
| GSP     | General Space Program   |
| HMRC    | Heritage Medical Research Centre  |
| HR      | Human Resources   |
| Katz    | Katz Group Centre for Pharmacy and Health Research  |
| LKS     | Li Ka Shing Centre for Health Research Innovation   |
| LKSIV   | LKS Institute of Virology   |
| MAHI    | Mazankowski Alberta Heart Institute   |

APPENDIX D - LIST OF ACRONYMS

|        |  |
|--------|--|
| MS     | Multiple Sclerosis   |
| MSB    | Medical Sciences Building  |
| MSc    | Master of Science  |
|        |  |
| NSM    | Net (Assignable) Square Metres   |
|        |  |
| OPR    | Outpatient Residence   |
| OUA    | Office of the University Architect   |
|        |  |
| P-T    | Part time  |
| PDF    | Postdoctoral Fellow  |
| PGME   | Postgraduate Medical Education   |
| PhD    | Doctor of Philosophy   |
| PI     | Principal Investigator   |
| PRG    | Pulmonary Research Group   |
|        |  |
| RAH    | Royal Alexandra Hospital   |
| RTF    | Research Transition Facility   |
|        |  |
| SqM    | Square Metres  |
|        |  |
| UAH    | University of Alberta Hospital   |
| U of A | University of Alberta  |
| UT     | University Terrace building  |
|        |  |
| VIGOUR | Canadian VIGOUR Centre - Virtual Coordinating Centre for Global Collaboration in Cardiovascular Research   |
|        |  |
| WMC    | Walter C. Mackenzie Health Sciences Centre (which includes the University of Alberta Hospital, Mazankowski Alberta Heart Institute and Stollery Children's Hospital) |
|        |  |
| ZLC    | Zeidler Ledcor Centre  |



**OUTLINE OF ISSUE**

Agenda Title: **Clinical Sciences Building Backfill Project Functional Program**

**Motion:** THAT the GFC Facilities Development Committee approve, under delegated authority from General Faculties Council and on the recommendation of Planning and Project Delivery, the proposed Clinical Sciences Building Functional Program (as set forth in Attachment 2), excluding specifics related to the siting of this facility, as the basis for further planning.

**Item**

|                  |   |
|------------------|---|
| Action Requested | <input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation <input type="checkbox"/> Discussion/Advice <input type="checkbox"/> Information  |
| Proposed by      | Lorna Baker-Perri, Associate Director, Space Planning and Programming, Office of the University Architect   |
| Presenter        | Dennis Kunimoto, Vice-Dean (Faculty Relations), Faculty of Medicine and Dentistry; Bob Haennel, Acting Dean, Faculty of Rehabilitation Medicine; Peter Milne, RMC Resources Management Consultants; Lorna Baker-Perri, Associate Director, Space Planning and Programming, Office of the University Architect |
| Subject          | Clinical Sciences Building Backfill Project Functional Program  |

**Details**

|   |  |
|---|--|
| Responsibility                                      | Vice-President (Facilities and Operations)   |
| The Purpose of the Proposal is (please be specific) | To approve the Functional Program for the proposed building occupants of the Clinical Sciences Building as a basis for the backfill of the building. |
| The Impact of the Proposal is                       | That it will allow Facilities and Operations to move forward with the planned backfill and moves of occupants into the Clinical Sciences Building.   |
| Replaces/Revises (eg, policies, resolutions)        | N/A  |
| Timeline/Implementation Date                        | Start date of March, 2013.   |
| Estimated Cost                                      | N/A  |
| Sources of Funding                                  | N/A  |
| Notes   | N/A  |

**Alignment/Compliance**

|  |   |
|--|---|
| Alignment with Guiding Documents   | <i>Dare to Discover</i> ; Academic Plan ( <i>Dare to Deliver</i> ); Long Range Development Plan (LRDP); and University of Alberta Comprehensive Institutional Plan (CIP)  |
| Compliance with Legislation, Policy and/or Procedure Relevant to the Proposal (please quote legislation and include identifying section numbers) | 1. <b>Post-Secondary Learning Act (PSLA):</b> The PSLA gives GFC responsibility, subject to the authority of the Board of Governors, over academic affairs (Section 26(1)) and provides that GFC may make recommendations to the Board of Governors on a building program and related matters (Section 26(1) (o)). Section 18(1) of the PSLA give the Board of Governors the authority to make any bylaws “appropriate for the management, government and control of the university buildings and land.” Section 19 of the Act requires that the Board “consider the recommendations of the general faculties council, if any, on matters of academic import prior to providing for (a) the support and maintenance of the university, (b) the betterment of existing buildings, (c) the construction of any new buildings the board considers necessary for the purposes of the university [and] (d) the furnishing and equipping of the existing and newly erected buildings [.] [...]” Section 67(1) of the Act governs the terms under which university land may be leased. |

|  |  |
|--|--|
|  | <p><b>2. GFC Facilities Development Committee (FDC) Terms of Reference – Section 3. Mandate of the Committee:</b> “[...]”</p> <p><b>2. Delegation of Authority</b></p> <p>Notwithstanding anything to the contrary in the terms of reference above, the Board of Governors and General Faculties Council have delegated to the Facilities Development Committee the following powers and authority:</p> <p><b>A. Facilities</b></p> <p>1. To approve proposed General Space Programmes (Programs) for academic units.</p> <p>2. (i) To approve proposals concerning the design and use of all new facilities and the repurposing of existing facilities and to routinely report these decisions for information to the Board of Governors.</p> <p>(ii) In considering such proposals, GFC FDC may provide advice, upon request, to the Provost and Vice-President (Academic), Vice-President (Facilities and Operations), and/or the University Architect (or their respective delegates) on the siting of such facilities. (GFC SEP 29 2003)</p> <p><b>B. Other Matters</b></p> <p>The Chair of FDC will bring forward to FDC items where the Office of the Provost and Vice-President (Academic) and/or the Office of the Vice-President (Facilities and Operations), in consultation with other units or officers of the University, is seeking the advice of the Committee.</p> <p>[...]”</p> <p><b>3. UAPPOL Space Management Policy and Space Management Procedure:</b> The respective roles of GFC FDC and the Vice-President (Facilities and Operations) with regard to institutional space management are set out in this Board-approved Policy and attendant Procedure.</p> <p>To access this policy suite on line, go to: <a href="http://www.uappol.ualberta.ca">www.uappol.ualberta.ca</a>.</p> |
|--|--|

**Routing (Include meeting dates)**

|   |   |
|---|---|
| <p>Consultative Route<br/>(parties who have seen the proposal and in what capacity)</p> | <p><b><u>Faculty of Rehabilitation Medicine:</u></b><br/>Acting Dean;<br/>Assistant Dean;<br/>Researchers from the Departments of Occupational Therapy, Physical Therapy, and Speech Pathology and Audiology</p> <p><b><u>Faculty of Medicine and Dentistry:</u></b><br/>Vice Dean (Faculty Affairs);<br/>Chief Operating Officer, Facilities Planning and Projects, Office of Research;<br/>Department of Anesthesiology and Pain Medicine – Chair and Department Administrator;<br/>Faculty Division of Critical Care Medicine – Divisional Director and Divisional Administrator;<br/>Department of Laboratory Medicine and Pathology – Chair, Assistant</p> |
|---|---|

**FINAL Item No. 5**

|  |  |
|--|--|
|  | Chair, Divisional Director;<br>Department of Medicine – Chair, Assistant Chair, Divisional Directors |
| Approval Route (Governance)<br>(including meeting dates) | GFC Facilities Development Committee – February 28, 2013 (for approval)                              |
| Final Approver   | GFC Facilities Development Committee   |

Attachments:

1. Attachment 1 (pages 1 – 2) – Briefing Note
2. Attachment 2 (pages 1 – 108) – Clinical Sciences Building Backfill Project Functional Program

*Prepared by:* Susan Patterson, Planning Officer, Office of the University Architect, Planning and Project Delivery, Facilities and Operations, [susan.patterson@ualberta.ca](mailto:susan.patterson@ualberta.ca)

## Clinical Sciences Building Backfill Project – Functional Program

### Background

An initial phase of the Master Plan for Health Sciences facilities south of 87<sup>th</sup> Avenue is to create a backfill for the Clinical Sciences Building (CSB). The building has been partially vacant due to the relocation of the Faculty of Nursing to the Edmonton Clinic Health Academy (ECHA), and the relocation of some of Alberta Health Services (AHS) clinics to the Kaye Edmonton Clinic, the University of Alberta Hospital – Walter Mackenzie Centre and other Alberta Health Services owned buildings.

With the revised programming and phasing of Edmonton Clinic Health Academy that took place during the fall of 2006, some of the programmed area could not fit into Edmonton Clinic Health Academy. This included space for the – Department of Medicine and the Faculty of Rehabilitation.

During this reprogramming it was determined that the Clinical Sciences Building (CSB) would:

- (1) accommodate additional space requirements for both the Faculty of Rehabilitation Medicine (FRM) and the Faculty of Medicine and Dentistry (FoMD); and,
- (2) to enable, to the extent possible the consolidation of most of the divisions of the Department of Medicine (DoM).

It is proposed that the Department of Medicine will be the major occupant of the Clinical Sciences Building and as such a General Space Program was concurrently developed for the department, less their wet lab and non-department labs. The General Space Program provided the supporting data outlining the Department of Medicine space needs. Programming was also done for all incoming Clinical Sciences Building occupants.

### Program Overview

The main purpose of the Functional Program is to present a logical and defensible backfill plan for the Clinical Sciences Building that is based on supported requirements regarding the functional and space needs of all proposed building occupants. The program requirements are outlined in detailed space tables that identify existing space, projected requirements to 2017/2018 and the recommended Functional Program area for each occupant.

The Functional Program recommends a backfill plan for Clinical Sciences Building that is based on the functional space needs of the proposed building occupants which includes:

- FoMD – Department of Anesthesiology & Pain Medicine;
- FoMD – Division (directly under the Faculty) of Critical Care;
- FoMD – Department of Laboratory Medicine and Pathology;
- FoMD – Department of Medicine – all divisions but excluding the divisions of Cardiology, Gastroenterology, and Preventive Medicine who will be located elsewhere; and,
- FRM – clinical research groups.

It excludes building support space as well as the following existing occupants that are anticipated to either remain as-is in the building and/or occupants that are largely wet lab space:

- FoMD- Psychiatry research, 12th floor;
- Faculty of Nursing – Nursing (Women’s Health Research Unit) research, 4th floor;
- AHS – Pediatric Surgical Clinic, main floor; and,

- Classrooms – 2 on 2<sup>nd</sup> floor.

One of the constraints of the Clinical Sciences Building Backfill is that it cannot accommodate an increase to the current allocations of wet lab space. Subsequently, the scope of the Functional Program did not include an assessment of existing wet lab conditions or projected future requirements for wet lab space. It is intended that any programming for wet labs be implemented as a separate planning exercise and accommodated in a different building.

Although it has been generally agreed that there will be no clinical functions in Clinical Sciences Building, the Alberta Health Services Pediatric Surgical Clinic on the main floor will remain. There is a formal agreement with the Alberta Health Services (AHS) that this is the one clinical component that can remain in Clinical Sciences Building.

The Clinical Sciences Building Backfill project is also driven by the need for the Faculty of Medicine and Dentistry (FoMD), particularly the Department of Medicine (DoM), to vacate space in the University of Alberta Hospital – Walter Mackenzie Centre. This space is required by the Alberta Health Services (AHS) to redevelop as clinical space, for those Alberta Health Services components moving out of Clinical Sciences Building as well as to expand clinical functions that were not accommodated in the Kaye Edmonton Clinic e.g. the Stollery Clinics.

### **Recommendation**

THAT the GFC Facilities Development Committee approve, under delegated authority from General Faculties Council and on the recommendation of Planning and Project Delivery, the proposed Clinical Sciences Building Backfill Project – Functional Program (as set forth in Attachment 2), excluding specifics related to the siting of this facility, as the basis for further planning.

# Clinical Sciences Building Backfill Project Functional Program

February, 2013





**TABLE OF CONTENTS**
PAGE NO.

|   |            |
|---|------------|
| List of Main Contributors   | ii         |
| <b>1.0 EXECUTIVE SUMMARY . . . . .</b>                                      | <b>1</b>   |
| <b>2.0 INTRODUCTION . . . . .</b>   | <b>3</b>   |
| 2.1 Acknowledgments . . . . .   | 3          |
| 2.2 Purpose . . . . .   | 3          |
| 2.3 Background . . . . .  | 3          |
| 2.4 Overview of the Functional Program . . . . .                            | 4          |
| 2.5 Faculty/Occupant Trends . . . . .                                       | 6          |
| <b>3.0 CSB BACKFILL PLAN . . . . .</b>                                      | <b>8</b>   |
| 3.1 Current Occupants & Existing Building Layout . . . . .                  | 8          |
| 3.2 Functional Program Space Summary . . . . .                              | 10         |
| 3.3 CSB Backfill Criteria, Parameters & Recommended Stacking Plan . . . . . | 11         |
| 3.4 Priority & Sequence of Moves . . . . .                                  | 14         |
| 3.5 CSB Occupancy Movement Diagram . . . . .                                | 15         |
| <br><b><u>FUNCTIONAL PROGRAM COMPONENTS</u></b>                             |            |
| <b>4.0 FoMD DEPARTMENT OF ANESTHESIOLOGY &amp; PAIN MEDICINE . . . . .</b>  | <b>16</b>  |
| <b>5.0 FoMD DIVISION OF CRITICAL CARE MEDICINE . . . . .</b>                | <b>24</b>  |
| <b>6.0 FoMD DEPARTMENT OF LABORATORY MEDICINE &amp; PATHOLOGY . . . . .</b> | <b>32</b>  |
| <b>7.0 FoMD DEPARTMENT OF MEDICINE . . . . .</b>                            | <b>46</b>  |
| <b>8.0 FACULTY OF REHABILITATION MEDICINE . . . . .</b>                     | <b>91</b>  |
| <b>9.0 FUNCTIONAL PROGRAM RECOMMENDATION . . . . .</b>                      | <b>102</b> |
| <br><b>APPENDICES</b>   |            |
| Appendix A: List of Acronyms  | A-1        |



## List of Main Contributors

### Faculty of Medicine and Dentistry (FoMD)

Dr. Dennis Kunimoto, Vice Dean, Faculty Affairs, FoMD  
Vivien Wulff, Chief Operating Officer, FoMD  
Lynne MacGillivray, Director, Facilities Planning & Projects, FoMD  
Mark Taylor, Director of Research, Office of Research, FoMD  
Johanna Wienert, Space Management Advisor, FoMD

### FoMD Department of Anesthesiology and Pain Medicine (A&PM)

Dr. Mike Murphy, Chair, A&PM  
Jacqueline Jubinville, Administrative Professional Officer, A&PM

### FoMD Division of Critical Care Medicine (CCM)

Dr. David Zygun, Divisional Director, CCM  
Dr. Noel Gibney, Former Divisional Director, CCM  
Jacqueline Jubinville, Administrative Professional Officer, CCM

### FoMD Department of Laboratory Medicine and Pathology (LMP)

Dr. Michael Mengel, Interim Chair, LMP  
Dr. X. Chris Le, Director, Division of Analytical & Environmental Toxicology, LMP  
Jennifer McPhee, Administrative Professional Officer, LMP  
Dianne Sergy, Business Manager, Division of Analytical & Environmental Toxicology, LMP

### FoMD Department of Medicine (DoM)

Dr. Barbara Ballermann, Chair, DoM  
Barbara Hiscock, Assistant Chair, DoM  
Tim Bulger, Project Manager, DoM

### Faculty of Rehabilitation Medicine (FRM)

Dr. Martin Ferguson-Pell, Acting Provost and Vice-President (Academic)  
Dr. Bob Haennel, Acting Dean, FRM  
Anita Yates, Assistant Dean, FRM

### Facilities and Operations (F&O)

Lorna Baker Perri, Associate Director, Planning, OUA  
Susan Patterson, Planning Officer, OUA  
Kelly Anderson, Planning Officer, OUA

### Programming Consultants

Peter Milne, Programming Consultant, RMC Resources Management Consultants (Alberta) Ltd.  
Barbara Shipman, Programming Consultant, Barbara Shipman Architect Ltd.

## 1.0 EXECUTIVE SUMMARY

The University of Alberta is developing an overall Master Plan to backfill buildings in the Health Sciences sector on North Campus; an opportunity arising from the moves of occupant groups largely out of Clinical Sciences Building and University Terrace building into Edmonton Clinic Health Academy, Kaye Edmonton Clinic and Walter C. Mackenzie Health Sciences Centre. The overall Master Plan is being developed through a phased approach, to allow various departments/groups in the Health Sciences facilities to expand and/or to provide growth for incoming new programs.

The initial phase of the Master Plan is to create a backfill plan for Clinical Sciences Building. The building has been partially vacant due to the relocation of the Faculty of Nursing to Edmonton Clinic Health Academy and the relocation of certain Alberta Health Services clinics to Kaye Edmonton Clinic. There are still a number of Alberta Health Services occupants in Clinical Sciences Building that will move to Walter C. Mackenzie Health Sciences Centre and other Alberta Health Services facilities.

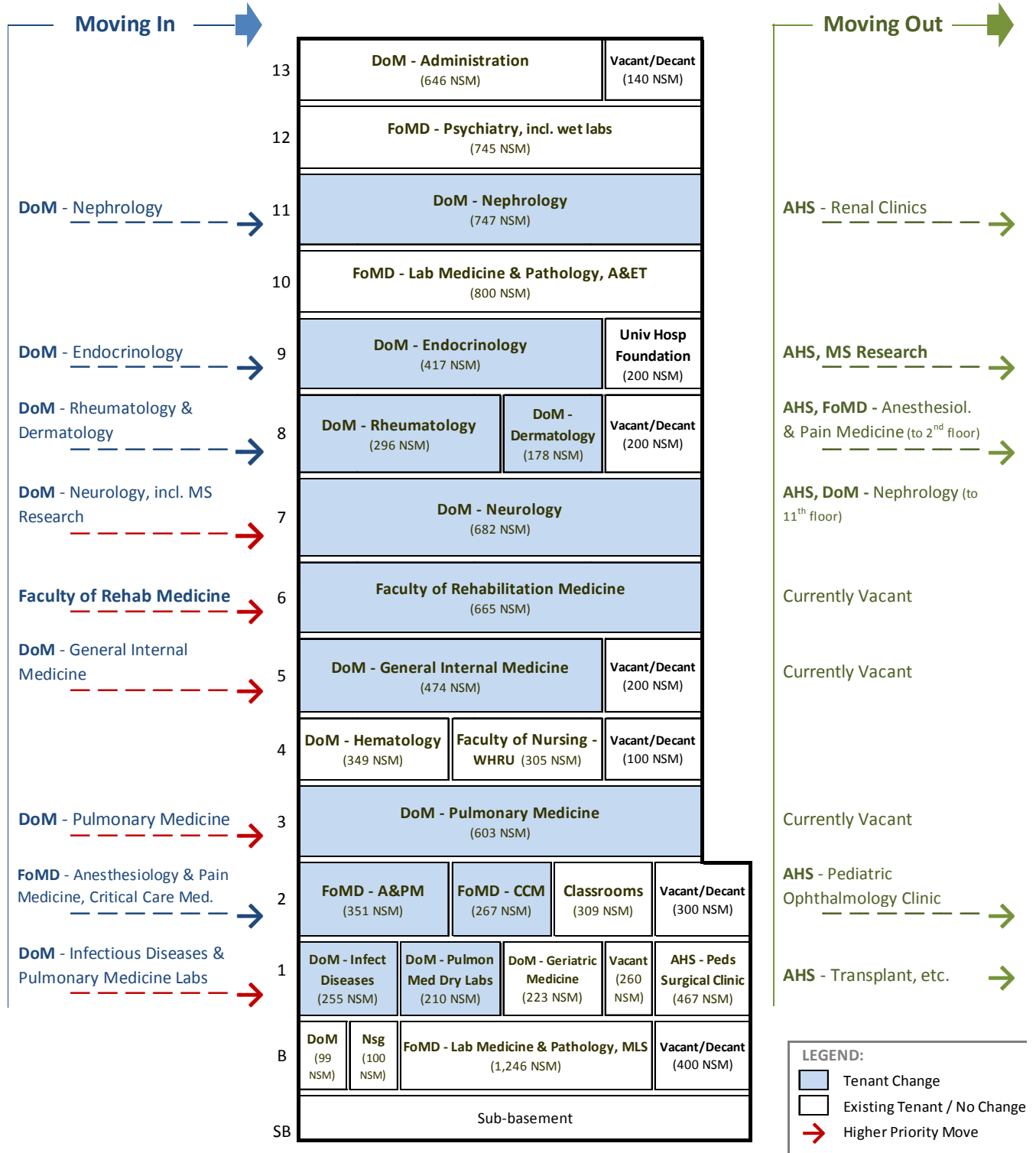
Two primary outcomes of the planning for the Edmonton Clinic Health Academy project were to utilize the vacated Clinical Sciences Building space to accommodate the additional space requirements of the Faculty of Rehabilitation Medicine and the Faculty of Medicine and Dentistry. Major benefits of the plan are the provision of expansion space and the opportunity to consolidate most of the divisions of the Department of Medicine.

This Functional Program creates a recommended backfill plan for Clinical Sciences Building that is based on the functional and space needs of the proposed building occupants. The Functional Program serves as a key planning tool for the subsequent project stages of design and implementation. It identifies the existing and recommended space allocations for all of those components that are either in or moving into Clinical Sciences Building and are affected by the backfill project. As the Department of Medicine will be a major occupant of Clinical Sciences Building, in order to provide a justifiable base for its space requirements, a General Space Program was developed concurrently for the entire Department of Medicine.

Presently, the overall distribution of Clinical Sciences Building assignable space is 75% University use and 25% Alberta Health Services use. Since the relocation of former University occupants such as the Faculty of Nursing to Edmonton Clinic Health Academy, approximately 40% of the space currently assigned to the University is vacant. When the Backfill Project is complete in four to five years, the new distribution of overall space within Clinical Sciences Building will be 95% University use and 5% Alberta Health Services use, with approximately 1,600 square metres of University space potentially available for decant and/or future growth purposes.

For the University components included in the Clinical Sciences Building backfill, the Functional Program identifies that their existing space totals 6,342 net assignable square metres and that their five year projected guideline allocation is 8,172 net assignable square metres. In order to take into consideration existing space configurations and building conditions, the Functional Program estimates that they will actually require approximately 8,408 net assignable square metres.

The proposed assignment of space is demonstrated in the accompanying Clinical Sciences Building Occupancy Movement Diagram. This diagram also highlights the higher priority moves and the complexity and interdependency of the moves between Alberta Health Services and the University.

**CLINICAL SCIENCES BUILDING OCCUPANCY MOVEMENT DIAGRAM**


## 2.0 INTRODUCTION

### 2.1 ACKNOWLEDGEMENTS

The development of the Functional Program for the Clinical Sciences Building (CSB) Backfill Project was a collaborative effort that involved consultation with representatives of the Faculty of Medicine and Dentistry (FoMD) and the Faculty of Rehabilitation Medicine (FRM). It is important to acknowledge the time and effort of all involved to ensure a good understanding of current and projected facility requirements.

### 2.2 PURPOSE

The primary purpose of the Functional Program is to present a logical and defensible backfill plan for CSB that is based on supported requirements regarding the functional and space needs of the building occupants. It will serve as a key planning tool for the subsequent project stages of design and implementation. To this end, the Functional Program:

- Presents the recommended CSB backfill plan, including the priority sequences of moves required to implement the overall backfill project.
- Identifies the existing and recommended space allocations for all of those components that are in CSB or moving into CSB and are affected by the backfill project.
- Provides information that supports and delineates the functional and space requirements.

### 2.3 BACKGROUND

The CSB is a University-owned building located on 83rd Avenue between 112th and 114th Streets. The CSB was constructed in 1969 and has 13 floors plus a basement and sub-basement. It is physically connected to the University of Alberta Hospital - Walter C Mackenzie Health Sciences Centre (UAH-WMC) and the Mazankowski Alberta Heart institute (MAHI).

The University is developing an overall Master Plan to backfill buildings in the Health Sciences sector on North Campus; an opportunity arising from the moves of occupant groups largely out of CSB and University Terrace (UT) into Edmonton Clinic Health Academy (ECHA), Kaye Edmonton Clinic and Walter C. Mackenzie Health Sciences Centre. The overall Master Plan is being developed through a phased approach, to allow various departments/groups in the Health Sciences facilities south of 87<sup>th</sup> Avenue to expand and/or to provide growth for incoming new programs.

The initial phase of the Master Plan is to create a backfill plan for CSB. The CSB currently houses a mix of University and Alberta Health Services (AHS) occupants. The building has been partially vacant due to the relocation of the Faculty of Nursing to ECHA and the relocation of certain AHS clinics to Kaye Edmonton Clinic. There are still a number of AHS occupants in CSB that will be relocating to WMC and other AHS facilities such as Aberhart Centre. However, it is intended that the AHS Pediatric Surgical Clinic will remain in its current space on the 1<sup>st</sup> floor and space will be provided elsewhere in the CSB for the AHS University Hospital Foundation.

In addition to providing for consolidation of the DoM and expansion of various Health Sciences groups, another critical driver of the CSB Backfill Project is the need for the DoM and FoMD to vacate space within the UAH-WMC that is currently being used to house FoMD academic offices. AHS requires this space for clinical functions that are relocating (e.g. some out of the CSB), are expanding,

and/or were not accommodated in Kaye Edmonton Clinic, e.g. the Stollery Clinics. The relocation of AHS occupants to WMC is dependent upon these FoMD offices moving into CSB (and vice versa).

The accompanying campus map shows the CSB and the buildings in which the incoming CSB occupants are currently located. The CSB Backfill Project will enable the consolidation of most of the divisions of the FoMD DoM that are currently dispersed and reduce the number of DoM locations by three or four. It also accommodates the relocation of the FoMD Division of Critical Care Medicine out of the WMC and provides needed expansion space for both the FoMD Department of Anesthesiology & Pain Medicine and the Faculty of Rehabilitation Medicine.

Based on the operational limitations in the CSB, additional wet lab activities cannot be supported in the building.

## 2.4 OVERVIEW OF THE FUNCTIONAL PROGRAM

The information contained in this Functional Program is based on data obtained from the Faculty of Medicine and Dentistry, the Faculty of Rehabilitation Medicine, and Planning and Project Delivery, which includes Accommodation Planning and the University's Space Inventory (CAFM). Future projections are based each Faculty's best understanding of academic plans and budget expectations, including anticipated growth in research activities.

In order to develop the Functional Program for the CSB backfill and accurately identify the DoM's space requirements in the CSB, a General Space Program (GSP) for the entire DoM was developed concurrently. Detailed programming was also undertaken for the other Faculties/Departments involved to formalize the complete Functional Program.

The Functional Program is based on the following key parameters.

- Future space requirements are based on five year projections (2017/18) in accordance with the University's Comprehensive Institutional Plan (CIP).
- Space allocations are based on the detailed space programming exercise undertaken for the backfill occupants, including the DoM GSP.
- However, the overall intent of the CSB Backfill Project is to utilize the existing configuration and room sizes as is, to the maximum extent possible. Accordingly, much of the programmed areas will need to be adjusted to fit within the existing room/space sizes. The CSB backfill plan takes into account some of this adjustment.

Following the Executive Summary and this Introduction, the Functional Program is organized into six additional chapters:

Chapter 3 - CSB Backfill Plan, including the Functional Program space summary, recommended stacking plan, priorities, parameters and occupancy moves

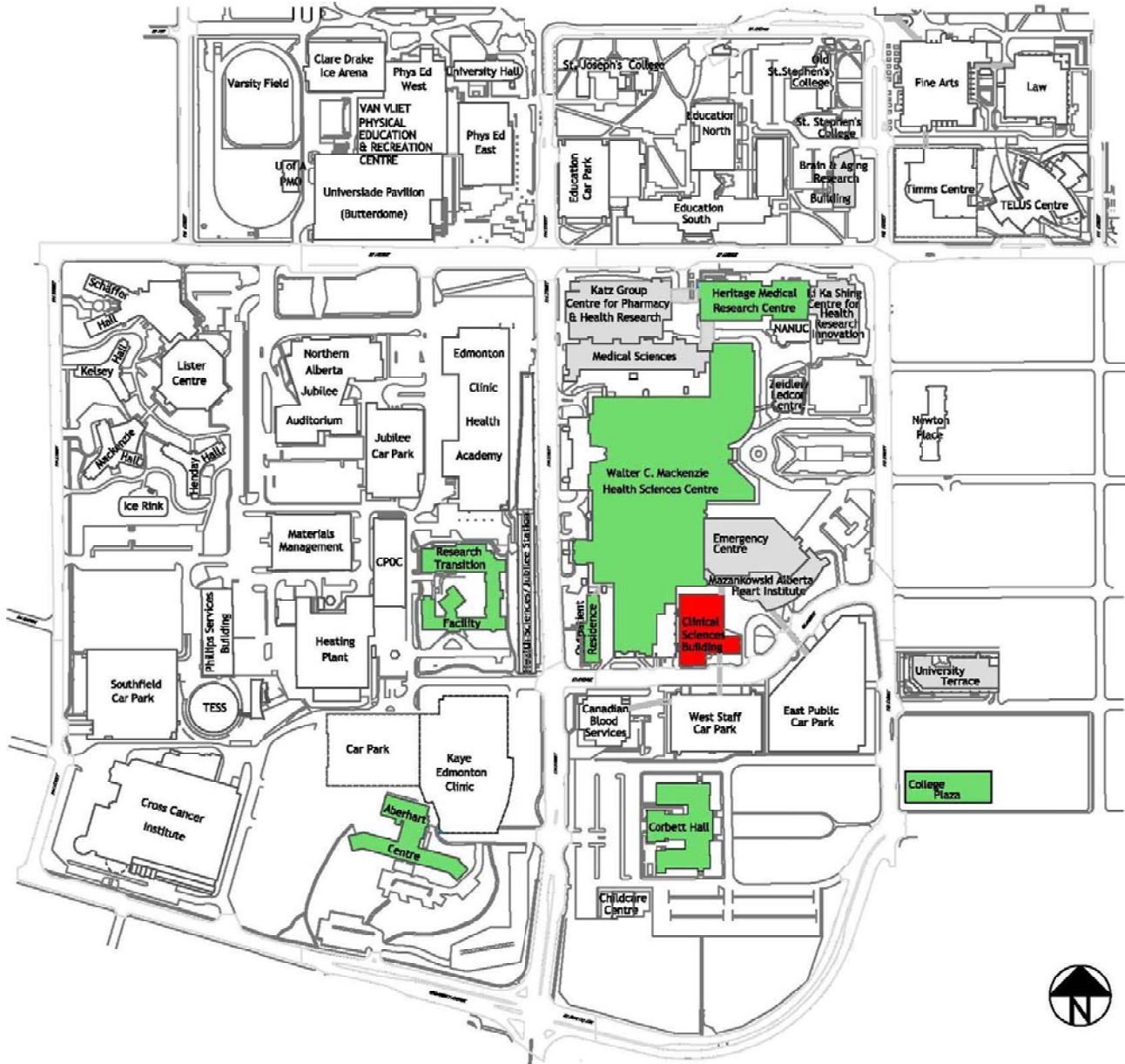
Chapter 4 - Functional Program for the FoMD Department of Anesthesiology & Pain Medicine

Chapter 5 - Functional Program for the FoMD Division of Critical Care Medicine

Chapter 6 - Functional Program for the FoMD Department of Laboratory Medicine & Pathology

Chapter 7 - Functional Program for the FoMD Department of Medicine

Chapter 8 - Functional Program for the Faculty of Rehabilitation Medicine

**Diagram 2-1 - Location of the CSB & Incoming CSB Occupants**

**Portion of North Campus Enlargement, showing the CSB and Incoming CSB Occupants in:**

- |      |                                  |         |  |
|------|----------------------------------|---------|--|
| ABC  | Aberhart Centre                  | RTF     | Research Transition Facility                   |
| CP   | College Plaza                    | UAH-WMC | University Hospital, i.e. WMC, MAHI & Stollery |
| CH   | Corbett Hall                     |         |  |
| HMRC | Heritage Medical Research Centre |         |  |
| OPR  | Outpatient Residence             |         |  |

Each Functional Program component concludes with a detailed space table that specifically documents the faculty, staff and researchers to be accommodated in the CSB, together with both the space they currently occupy and their projected five year requirements based on space guideline allocations. The space tables provide a comparison of current space assignments to the five year Functional Program space allocations. For the FoMD components, the space tables also include the FoMD planning codes that connect the space allocations with staffing/HR classifications.

## **2.5 FACULTY/OCCUPANT TRENDS**

### **2.5.1 Faculty of Medicine and Dentistry**

The CSB Backfill Project fits within the broader context of the ongoing development of the Health Sciences campus. There are strong functional relationships between the FoMD teaching and research activities and the clinical services faculty members provide at the University of Alberta Hospital, which includes the Walter C Mackenzie Health Sciences Centre, Stollery Children's Hospital and Mazankowski Alberta Heart institute, often referred to together as the UAH-WMC.

Some of the key trends and strategic initiatives that were fundamental in the planning of the ECHA and the Kaye Edmonton Clinic continue to inform the programming of the CSB Backfill Project and are re-stated here, i.e.:

- To provide a suitable environment for continuous learning and inquiry.
- To be international leaders in advancement and dissemination of knowledge.
- To create, in partnership with AHS, an environment whereby health services delivery and the academic functions of teaching and research are optimized and of highest quality.
- To create an environment that promotes respect, creativity and recognition of all staff, students and residents.
- To establish and maintain partnerships that advance the FoMD's mission.
- To maximize & efficiently utilize resources to achieve the FoMD's mission.

### **2.5.2 Faculty of Rehabilitation Medicine**

The Faculty of Rehabilitation Medicine was also an instrumental partner in the planning of ECHA and the Kaye Edmonton Clinic. One of the key trends identified in the FRM and its academic programs was the increased emphasis on research and on an evidence-based approach, which benefits from the development of additional research opportunities within the clinical settings.

The 'home' of the FRM continues to reside in Corbett Hall, i.e. the administration and faculty offices together with dedicated academic space. The FRM also delivers some clinical services out of Corbett Hall (and other facilities) that serve research and student teaching needs.

The co-location of the Faculty of Rehabilitation Medicine with other allied health programs such as Medicine and Dentistry, Nursing, and Pharmacy, as well as its proximity to the UAH-WMC facilities provides the ideal environment for Faculty and staff to improve current interdisciplinary initiatives within the Health Sciences. The CSB will provide the FRM with more space to consolidate and expand research groups/clusters. In particular, this includes those that have a strong functional relationship with programs/services that are also located in the CSB or in adjacent facilities such as WMC and

Kaye Edmonton Clinic, e.g. the MSK research cluster, the Glen Sather Clinic research group, and the rehabilitation/audiology/speech research cluster.

### **2.5.3 Faculty of Nursing**

The University of Alberta's Faculty of Nursing is one of the largest nursing education institutions in Canada and one of only a few Canadian institutions to offer a full-range of undergraduate and graduate programs. The Faculty is known internationally for excellence in research. One of its research programs, the Women's Health Research Unit (WHRU), is located in CSB.

Before the Faculty of Nursing moved to ECHA, its faculty and administrative offices, teaching and research facilities were predominantly based in CSB. When the Faculty relocated to ECHA, the WHRU remained in CSB since its wet lab research facilities could not be accommodated in ECHA, i.e. ECHA has no wet lab research space.

It is intended that the WHRU will remain in its existing space and footprint in CSB for the foreseeable future and continue to conduct wet lab research. This is in keeping with one of the CSB backfill criteria, which is that the current allocation of wet lab space is expected to be retained but not increased in the building.

### **2.5.4 Alberta Health Services**

The AHS has a number of clinics/services and staff that are currently based in CSB. It is intended that most of these occupants will relocate to AHS facilities such as the WMC and Kaye Edmonton Clinic. However, there is agreement between AHS and the University that two AHS services are expected to remain in CSB. These include the AHS Pediatric Surgical Clinic that will remain in its current space footprint on the 1<sup>st</sup> floor and the AHS University Hospital Foundation that is expected to remain on the 9<sup>th</sup> floor. The AHS Pediatric Surgical Clinic will be the only clinical/'patient care' function remaining in CSB.



### 3.0 CSB BACKFILL PLAN

#### 3.1 CURRENT OCCUPANTS & EXISTING BUILDING LAYOUT

The current occupants of CSB are identified in Diagram 3-1 on the following page. Presently, the overall distribution of CSB assignable space is 75% University use and 25% AHS use. Since the re-location of former University occupants such as the Faculty of Nursing to ECHA, approximately 43% of the space currently assigned to the University is vacant.

There are a number of key parameters and assumptions regarding the current CSB space and its occupants that are important in understanding the CSB Backfill Plan.

1. An overriding parameter is to utilize CSB space as is, to the maximum extent possible. Therefore, for the most part, those FoMD and DoM occupants that are remaining in CSB will stay in their current location, i.e. the DoM Administration on the 13<sup>th</sup> floor, the FoMD Department of Laboratory Medicine & Pathology on the 10<sup>th</sup> floor and in the Basement, the DoM Division of Hematology on the 4<sup>th</sup> floor, and the DoM Division of Geriatric Medicine on the 1<sup>st</sup> floor.
2. The following groups are current occupants of CSB that will remain within their existing space allocations, and therefore were not included in this functional programming exercise:
  - The 2 centrally scheduled classrooms located on the 2<sup>nd</sup> floor, which are under the control of the Office of the Registrar and Student Awards.
  - The FoMD Department of Psychiatry that occupies the entire 12<sup>th</sup> floor.
  - The Faculty of Nursing WHRU that occupies a portion of the 4<sup>th</sup> floor.
  - The AHS Pediatric Surgical Clinic that is located in the southwest wing on the 1<sup>st</sup> floor.
3. It is expected that the AHS University Hospital Foundation will remain on the 9<sup>th</sup> floor within a space allocation of 200 square metres.
4. The Sub-basement space, because it is predominantly used for building services and storage, is not included in this Functional Program.
5. As stated in Parameter 1, the overriding intent is to re-use the CSB space as is, which will minimize functional renovations as well as disruptions to current occupants. Therefore, the accommodation plans for the backfill occupants will need to adhere to the basic elements of the existing building layout, structural/wall grid, and floor plan configuration. Specifically, this means:
  - The buildings overall vertical and horizontal circulation system and exiting routes are expected to remain as is on all floors. This means, for example, that the vertical circulation elements such as the 3 elevators and the 2 exit stairways will not change and that the public lobbies and access corridors serving these will remain in their current locations.
  - Other building service elements located on each floor will also remain in their existing location and footprint, such as public washrooms, janitor's room, and vertical risers and shafts.
  - The typical upper floor layout (i.e. floors 3 to 13) is essentially dictated by the public/exiting corridor system that consistently divides each floor into 3 'wings' of net assignable space. The layouts of the existing and new occupants will need to fit within this overall floor plan.
  - There is the need to construct an AICT/MedIT communications room on each floor in proximity to the existing riser closet opposite the elevators. The recommended size is approximately 8 NSM and ideally it should be in the same location on each floor.

**Diagram 3-1 - Current CSB Occupants**

| Floor | Occupants  |                                       |   |                               |
|-------|--|---------------------------------------|---|-------------------------------|
| 13    | DoM - Administration<br>(607 NSM)                  |                                       | Vacant<br>(188 NSM)                                 |                               |
| 12    | FoMD - Psychiatry, incl. wet labs<br>(745 NSM)     |                                       |   |                               |
| 11    | AHS - Nephrology Renal Clinics<br>(NARP) (482 NSM) |                                       | DoM - Nephrology<br>(286 NSM)                       |                               |
| 10    | FoMD - Lab Medicine & Pathology, A&ET<br>(791 NSM) |                                       |   |                               |
| 9     | AHS - UH Foundation, IP&C<br>(433 NSM)             |                                       | DoM - Neurology<br>(118 NSM)                        | Vacant<br>(200 NSM)           |
| 8     | AHS - IT, OTTR, Topology Lab, etc.<br>(475 NSM)    |                                       | FoMD - Anesthesiology & Pain Medicine<br>(308 NSM)  |                               |
| 7     | AHS - Eating Disorders Program, etc.<br>(638 NSM)  |                                       |   | DoM - Nephrology<br>(144 NSM) |
| 6     | Vacant<br>(799 NSM)                                |                                       |   |                               |
| 5     | Vacant<br>(789 NSM)                                |                                       |   |                               |
| 4     | DoM - Hematology<br>(261 NSM)                      | Faculty of Nursing - WHRU (305 NSM)   |   | Vacant<br>(230 NSM)           |
| 3     | Vacant<br>(761 NSM)                                |                                       |   |                               |
| 2     | AHS - Pediatric Ophthalmology Clinic<br>(528 NSM)  | DoM - Dermatology<br>(159 NSM)        | Classrooms<br>(309 NSM)                             | Vacant<br>(310 NSM)           |
| 1     | AHS - Transplant & Credit Union<br>(300 NSM)       | DoM - Geriatric Medicine<br>(125 NSM) | AHS - Pediatric Surgical Clinic (467 NSM)           | Vacant<br>(620 NSM)           |
| B     | DoM<br>(99 NSM)                                    | Nsg<br>(175 NSM)                      | FoMD - Lab Medicine & Pathology, MLS<br>(1,166 NSM) | Vacant<br>(400 NSM)           |
| SB    | Sub-basement                                       |                                       |   |                               |

**LEGEND:**

- FoMD-DoM Occupants
- Other FoMD Occupants
- Faculty of Nursing
- AHS Occupants
- Vacant Space

### 3.2 FUNCTIONAL PROGRAM SPACE SUMMARY

The Functional Program Space Summary identifies the existing, the projected space requirements for 2017/18, and the recommended Functional Program space areas for the Faculty of Medicine and Dentistry and Faculty of Rehabilitation Medicine components included in the CSB Backfill Project.

Note, for those components already located in CSB that are remaining in their existing space, the recommended Functional Program area may be higher than the guideline allocation area. The main reason for this is that the recommended Functional Program areas are based on the existing room sizes, which do not always match the space guideline allocations due to factors such as the inclusion of internal circulation space. In such instances it is assumed that renovating the existing space simply to adhere to the guideline allocations would not be cost effective.

**Table 3-1 - Functional Program Space Summary (in NSM)**

| <b>Functional Program Component</b>   | <b>Existing<br/>2012/13<br/>Net Sq M</b> | <b>Projected<br/>Reqm'ts<br/>2017/18<br/>Net Sq M</b> | <b>Recomm<br/>Functional<br/>Program<br/>Net Sq M</b> |
|---|--|---|---|
| <b>FoMD Department of Medicine</b>  |  |   |   |
| DoM Administration <sup>1</sup>   | 607.1                                    | 563.6   | 645.9   |
| DoM Division of Dermatology   | 158.8                                    | 177.5   | 177.5   |
| DoM Division of Endocrinology   | 269.0                                    | 417.0   | 417.0   |
| DoM Division of General Internal Medicine   | 307.6                                    | 474.0   | 474.0   |
| DoM Division of Geriatric Medicine <sup>1</sup>   | 125.0                                    | 210.0   | 222.8   |
| DoM Division of Hematology <sup>1</sup>   | 261.2                                    | 312.0   | 348.6   |
| DoM Division of Infectious Diseases   | 202.7                                    | 255.0   | 255.0   |
| DoM Division of Nephrology <sup>1</sup>   | 734.3                                    | 693.0   | 746.5   |
| DoM Division of Neurology   | 539.9                                    | 682.0   | 682.0   |
| DoM Division of Pulmonary Medicine  | 615.3                                    | 813.0   | 813.0   |
| DoM Division of Rheumatology  | <u>159.7</u>                             | <u>296.0</u>  | <u>296.0</u>  |
| <b>Subtotal DoM</b>   | <b>3,980.6</b>                           | <b>4,893.1</b>  | <b>5,078.3</b>  |
| <b>FoMD Dep't of Anesthesiology &amp; Pain Medicine</b>                                       | <b>320.0</b>                             | <b>351.0</b>  | <b>351.0</b>  |
| <b>FoMD Division of Critical Care Medicine</b>  | <b>83.7</b>                              | <b>267.0</b>  | <b>267.0</b>  |
| <b>FoMD Dep't of Laboratory Medicine &amp; Pathology</b>                                      |  |   |   |
| 10 <sup>th</sup> Floor Space - Division of Analytical & Environmental Toxicology <sup>1</sup> | 791.4                                    | 746.7   | 800.4   |
| Basement Space - Division of Medical Laboratory Science <sup>1</sup>                          | <u>1,166.1</u>                           | <u>1,249.5</u>  | <u>1,246.1</u>  |
| <b>Subtotal Lab Medicine &amp; Pathology</b>  | <b>1,957.5</b>                           | <b>1,996.2</b>  | <b>2,046.5</b>  |
| <b>Faculty of Rehabilitation Medicine</b>   | -  | <b>665.0</b>  | <b>665.0</b>  |
| <b>TOTAL FUNCTIONAL PROGRAM AREA</b>  | <b>6,341.8</b>                           | <b>8,172.3</b>  | <b>8,407.8</b>  |

Notes to Table 3-1:

1. These are examples of components already located in CSB that are remaining in their existing space. Their recommended Functional Program areas are based mainly on the existing room sizes and space allocations, which do not always match the space guideline allocations and in some cases may also include internal circulation space.

### 3.3 CSB BACKFILL CRITERIA, PARAMETERS & RECOMMENDED STACKING PLAN

The following criteria and parameters were developed in consultation with the CSB Backfill Project Oversight Committee to guide the development of the recommended backfill stacking plan.

#### CSB Backfill Criteria

- Activities that involve 'patient care' or 'overnight stays' will not be accommodated in CSB, recognizing that the Pediatric Surgical Clinic is an exception in that it provides outpatient clinical care for the AHS.
- Dry lab research will be accommodated in CSB, including that which may involve *human subjects* research. Suggested criteria to help define *human subjects* research include:
  - It does not involve the diagnosis or management of patient illness.
  - It excludes anyone on a stretcher and overnight stays.
  - The subject has to be sufficiently stable not to be at risk in the research activity.
  - It does not involve research activity that places patient safety in jeopardy, e.g. no activity that requires cardiac monitoring.
  - However, it will include research activities that are not functionally appropriate to perform in an AHS clinic, e.g. those that require an extended period of time and/or regular access to specialized equipment that is not part of the clinic.
- The current allocation of wet lab space in CSB is expected to be retained, but not increased. Its use should be optimized. The existing vacated wet lab space may be re-assigned to a similar use.
- To address future infrastructure upgrades and building renewal projects in CSB, there is the requirement to retain approximately 1,600 square metres of vacant/decant space.

#### CSB Stacking Parameters

1. **Public/Visitor Access** - Components that have the highest volume of public/visitor access should have priority to be located on Level 1 or 2 - for example, those most heavily involved in human subjects research.
2. **Barrier Free Access** - Components that have the greatest need for barrier free access should have priority to be located on Level 1.
3. **Access to the WMC** - Components that require *regular urgent access* to WMC should have priority to be located on Level 2 or 1, for example, those with residents and staff that are treating higher volumes of patients in WMC.
4. **Timing & Phasing** - Components that are the highest priority to move into CSB may best be located in space that is already vacant and 'ready' for occupancy.
5. **Existing Location** - Components should remain (and if necessary expand) in their existing location and space, to minimize disruptions and costs.

## 3.0 CSB BACKFILL PLAN

6. **Consolidation** - Components, such as a DoM Division, should be consolidated on one floor or in one zone of a floor. If consolidation on one floor is not possible, identify a stand-alone functional unit to be located on another floor.
7. **Adjacencies** - Components that share staff and/or facilities should be located adjacent to one another, i.e. on the same floor.
8. **Proximities** - Components that collaborate in activities such as research should be located as close as possible to one another. Where appropriate, PI's should be located near or with their research units.
9. **Fit to Existing Layout** - Consideration will be given to whether the existing layout works better for one component versus another, e.g. try to achieve the best use of existing demised offices and open spaces.

**Recommended CSB Stacking Plan**

The Recommended CSB Stacking Plan is presented on the following page in Diagram 3-2. It shows the proposed floor location and programmed net square metres of each backfill component, including those components that are remaining in their current space allocation and location. The diagram also indicates the estimated area of vacant University space that will potentially be available for decant and/or future growth purposes.

When the CSB Backfill Project is fully complete in four to five years and assuming that each University component is using 100% of its 5-year space projection, the new distribution of overall space within CSB will be as shown in Table 3-2. The University's percentage of use in CSB will increase from 75% to 95% while the AHS use will decrease from 25% to 5%.

The estimated 1,600 square metres of vacant/decant space attempts to take into account the potential internal circulation requirements of all components and the fact that one or more of the University occupants may require space on two floors. For example, the Recommended CSB Stacking Plan indicates that Pulmonary Medicine will require 603 NSM on the 3<sup>rd</sup> floor and 210 NSM on the 1<sup>st</sup> floor.

**Table 3-2 - Overall CSB Space Assignment, Pre- and Post-Backfill Project (in NSM)**

| Main Occupant                                   | Pre-Backfill Project |     | Post-Backfill Project |     |
|---|----------------------|-----|-----------------------|-----|
|   | Total NSM            | %   | Total NSM             | %   |
| <b>University of Alberta</b>                    |                      |     |                       |     |
| Estimated Occupied Space (incl internal circul) | 5,598.0              |     | 10,951.0              |     |
| Estimated Vacant/Decant Space                   | <u>4,297.0</u>       |     | <u>1,600.0</u>        |     |
| <b>University - Total</b>                       | <b>9,895.0</b>       | 75% | <b>12,551.0</b>       | 95% |
| <b>Alberta Health Services - Total</b>          | <b>3,323.0</b>       | 25% | <b>667.0</b>          | 5%  |
| <b>Total NSM</b>                                | <b>13,218.0</b>      |     | <b>13,218.0</b>       |     |

**Diagram 3-2 - Recommended CSB Stacking Plan**

| Floor |  |   |   |                            |
|-------|--|---|---|----------------------------|
| 13    | DoM - Administration<br>(646 NSM)                  |   | Vacant/Decant<br>(140 NSM)                          |                            |
| 12    | FoMD - Psychiatry, incl. wet labs<br>(745 NSM)     |   |   |                            |
| 11    | DoM - Nephrology<br>(747 NSM)                      |   |   |                            |
| 10    | FoMD - Lab Medicine & Pathology, A&ET<br>(800 NSM) |   |   |                            |
| 9     | DoM - Endocrinology<br>(417 NSM)                   |   | AHS - Univ Hosp<br>Foundation<br>(200 NSM)          |                            |
| 8     | DoM - Rheumatology<br>(296 NSM)                    | DoM -<br>Dermatology<br>(178 NSM)         | Vacant/Decant<br>(200 NSM)                          |                            |
| 7     | DoM - Neurology<br>(682 NSM)                       |   |   |                            |
| 6     | Faculty of Rehabilitation Medicine<br>(665 NSM)    |   |   |                            |
| 5     | DoM - General Internal Medicine<br>(474 NSM)       |   | Vacant/Decant<br>(200 NSM)                          |                            |
| 4     | DoM - Hematology<br>(349 NSM)                      | Faculty of Nursing -<br>WHRU (305 NSM)    | Vacant/Decant<br>(100 NSM)                          |                            |
| 3     | DoM - Pulmonary Medicine<br>(603 NSM)              |   |   |                            |
| 2     | FoMD - A&PM<br>(351 NSM)                           | FoMD - CCM<br>(267 NSM)                   | Classrooms<br>(309 NSM)                             | Vacant/Decant<br>(300 NSM) |
| 1     | DoM - Infectious<br>Diseases<br>(255 NSM)          | DoM - Pulmon<br>Med Dry Labs<br>(210 NSM) | DoM - Geriatric<br>Medicine<br>(223 NSM)            | Vacant<br>(260<br>NSM)     |
|       | AHS - Peds<br>Surgical Clinic<br>(467 NSM)         |   |   |                            |
| B     | DoM<br>(99 NSM)                                    | Nsg<br>(100<br>NSM)                       | FoMD - Lab Medicine & Pathology, MLS<br>(1,246 NSM) |                            |
|       | Vacant/Decant<br>(400 NSM)                         |   |   |                            |
| SB    | Sub-basement                                       |   |   |                            |

**LEGEND:**

|   |                      |
|---|----------------------|
| <span style="background-color: #d9e1f2; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> | FoMD-DoM Occupants   |
| <span style="background-color: #e6eef3; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> | Other FoMD Occupants |
| <span style="background-color: #d9ead3; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> | Faculty of Rehab Med |
| <span style="background-color: #fce4d6; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> | Faculty of Nursing   |
| <span style="background-color: #f4cccc; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> | AHS Occupant         |
| <span style="background-color: #fff2cc; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> | Vacant Space         |

### 3.4 PRIORITY & SEQUENCE OF MOVES

For some components moving into CSB, there is a higher level of priority due to various factors such as pressure to vacate their existing space. The following priorities were identified for the future CSB occupants.

#### Higher Priority Moves

- DoM Pulmonary Medicine (located in WMC)
- DoM Infectious Diseases (located in WMC)

#### Reasons

Vacate WMC space for AHS clinics  
Vacate WMC space for AHS clinics

- 
- DoM General Internal Medicine (located in WMC)
  - DoM Neurology (located in WMC)

Vacate WMC space for AHS components currently in CSB

- 
- FoMD Critical Care Medicine

Have inadequate space in WMC

- 
- FoMD Anesthesiology & Pain Medicine

Desire closer proximity to WMC & co-location with Critical Care Medicine

- 
- DoM Medical Education & Resident space

Preference is to leave Resident space in WMC due to functional reqm'ts

- 
- Faculty of Rehabilitation Medicine

Have inadequate space in Corbett Hall

#### Lower Priority Moves

- Nephrology (located in RTF)
  - Pulmonary Medicine (located in ABC)
- 
- Endocrinology and Rheumatology (located in HMRC)

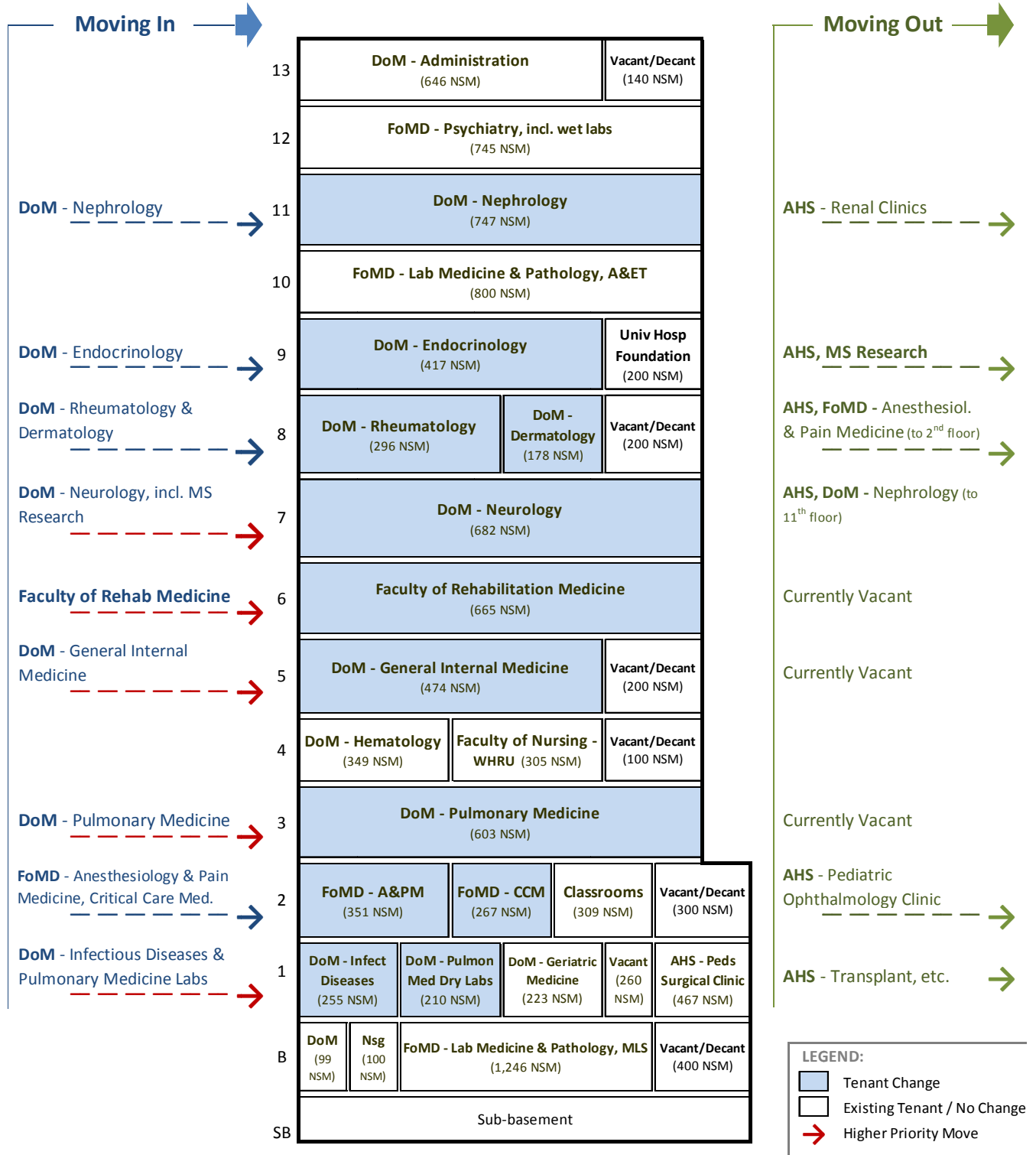
Growth of research program & poor quality of existing space

Pending CFI grants that propose to use their existing HMRC space for wet lab research

The back and forth sequence of moves between the University and AHS occupants in CSB and WMC is complex and interdependent as indicated in the following two examples.

- 11<sup>th</sup> floor - planned for Nephrology offices and dry lab research. NARP/Renal clinics must move out first. Sequence of moves to take place is:
  1. GIM moves from WMC 2F1/2F2 to CSB 5<sup>th</sup> floor, which vacates WMC 2F1/2F2.
  2. Eating Disorders Program moves from CSB 7<sup>th</sup> floor to WMC 2F1/2F2, which vacates most of CSB 7<sup>th</sup> floor.
  3. Neurology moves from WMC 2E3 to CSB 7<sup>th</sup> floor, which vacates WMC 2E3.
  4. NARP/Renal Clinics move from CSB 11<sup>th</sup> floor to WMC 2E3/2D, which vacates CSB 11<sup>th</sup> floor.
  5. Nephrology consolidates on CSB 11<sup>th</sup> floor, which vacates the remainder of CSB 7<sup>th</sup> floor.
- 2nd floor - Anesthesiology and Pain Medicine and Critical Care Medicine. Sequence of moves to take place is:
  1. GIM moves from WMC 2F1/2F2 to CSB 5<sup>th</sup> floor, which vacates WMC 2F1/2F2.
  2. Pediatric Ophthalmology Clinic moves to WMC 2F1/2F2.
  3. Vacated clinic space has to be renovated to accommodate Anesthesiology and Pain Medicine.

3.5 CSB OCCUPANCY MOVEMENT DIAGRAM





## 4.0 FoMD DEPARTMENT OF ANESTHESIOLOGY AND PAIN MEDICINE

**4.0 FoMD DEPARTMENT OF ANESTHESIOLOGY AND PAIN MEDICINE****4.1 PARAMETERS & ASSUMPTIONS**

The FoMD Department of Anesthesiology and Pain Medicine (A&PM) currently occupies space on the 8<sup>th</sup> floor of the CSB. This Functional Program focuses on the Department's existing and projected space needs within the CSB Backfill project. It does not address the Department's other spaces in University or AHS facilities such as in the MSB, HMRC, WMC and MAHI.

The following general parameters and assumptions apply to the Functional Program for the FoMD Department of Anesthesiology & Pain Medicine:

- The backfill stacking plan proposes to relocate the Department from the 8<sup>th</sup> floor to the 2<sup>nd</sup> floor of the CSB together with the FoMD Division of Critical Care Medicine (CCM), where it will have relatively direct access to the WMC. This is important for the physicians to get to the WMC Surgical Suite as quickly as possible to respond to urgent situations.
- The co-location of A&PM and CCM on the same floor will facilitate sharing support facilities such as a seminar/conference room, copy/workroom and staff amenities. There are also a number of joint clinical appointments between A&PM and CCM. However, each will require its own reception, offices, secure files storage, etc.
- The Department expects that it will hold some of its clinical rounds in the CSB using, for example, the existing classroom space on Level 2. It currently uses the WMC classrooms for its rounds. Simulation training will occur in the ECHA.
- It is assumed that the offices/workstations, etc. of the Division of Pediatric Anesthesiology, Stollery Children's Hospital will remain located in the WMC.

**4.2 ACADEMIC NARRATIVE**

The FoMD Department of Anesthesiology & Pain Medicine provides clinical services, postgraduate residency training program, and basic science and clinical research related to anesthesiology and pain medicine. The Department places heavy emphasis on clinical experience, academic activities and research. It is dedicated to bridging the gap between basic science and clinical research in anesthesiology so as to integrate critical care, chronic pain management, and clinical anesthesia delivery in an environment that promotes the attainment of excellence and exemplary patient care.

The Department comprises a community-based team of approximately 160 members including physicians, scientists, educators and allied health professionals, who provide services to six Edmonton hospitals, and the people of northern and western Alberta. Through its Office of Education, the Department provides programs across the entire educational spectrum: undergraduate, postgraduate and post-doctoral fellowships.

The Department is heavily involved in research including basic and clinical research programs that promote and encourage innovation and discovery. The Department will continue to accommodate dry lab research in its CSB space, e.g. at the Research Assistant workstations. Examples of faculty research interests include:

- Mechanisms of myocardial protection
- Stem cells and anesthetics
- Genetics, transcriptomics, proteomics, and metabolomics

## 4.0 FOMD DEPARTMENT OF ANESTHESIOLOGY AND PAIN MEDICINE

- Cardiovascular pharmacology
- Applied pharmacology of local anesthetic agents
- Blood and blood substitutes
- Innovative methods of acute and chronic pain management
- Population-based outcome studies
- Smoking cessation
- Regional anesthesia and acute pain management
- Pain and MS
- Pediatric pain.

**4.3 FACULTY, STAFF & STUDENT NUMBERS**
**Table 4-1 - Summary of Faculty, Staff & Student Numbers**

|  | <u>2012/13</u> | <u>2017/18</u> |
|--|----------------|----------------|
| <b>FoMD Department of Anesthesiology and Pain Medicine</b>   |                |                |
| • Department Chair   | 1              | 1              |
| • Department Vice Chair  | 1              | 1              |
| • Director of Physician Scheduling, CPD & QA (50% administrative)  | 1              | 1              |
| • Directors <sup>1</sup> - Residency Program, Assistant Program, Fellowship  | 3              | 3              |
| • Undergraduate Coordinator <sup>1</sup>   | 1              | 1              |
| • APO (shared w/ Division of Critical Care Medicine) <sup>2</sup>  | 0.5            | 0.5            |
| • Administrative Support (UofA) <sup>3</sup>   | 5              | 7              |
| • Administrative Support (UofA / AHS)  | 4              | 4              |
| • F-T Faculty (Chair & Vice Chair are counted above) <sup>4</sup>  | 7              | 7              |
| • P-T Faculty (those w/ administrative appointments are counted above) <sup>5</sup>  | ~132           | ~132           |
| • Postdoctoral Fellow  | 1              | 1              |
| • A&PM Clinical Fellows  | 4              | 4              |
| • A&PM Residents   | ~35            | ~35            |
| • Research Assistants  | 4              | 4              |
| • Volunteer Research Assistants & Summer Students  | 5              | 5              |
| <b>Total</b>   | <b>~204.5</b>  | <b>~206.5</b>  |
| Table Notes:   |                |                |
| 1. These are clinical academic appointments that have an additional funded administrative role.  |                |                |
| 2. Assumes that CCM and A&PM will be co-located in the CSB and that the APO will continue to be shared.  |                |                |
| 3. The growth from 5 to 7 positions includes 1 additional administrative support and 1 research manager/PhD position as recommended by the Research Committee. |                |                |
| 4. The 7 positions include Dr. B. Kerr located in the MSB & Dr. R. Kearney located in the ZLC.   |                |                |
| 5. Approximately 35 P-T Faculty are based at the UAH.  |                |                |

**4.4 ENROLLMENT NUMBERS & TRENDS**
**4.4.1 Trainees & Graduate Students**

The number of A&PM residents, clinical fellows and a PDF currently totals 40 persons.

## 4.0 FOMD DEPARTMENT OF ANESTHESIOLOGY AND PAIN MEDICINE

**4.5 CURRENT FACILITIES**

The Department's existing 8<sup>th</sup> floor space totals approximately 308 net assignable square metres<sup>1</sup>, i.e. the entire south wing.

- It is the home of the Department, with a total of over 35 persons including the Chair and Vice Chair, F-T faculty, P-T faculty (some of whom also have administrative appointments), a post-doctoral fellow, clinical fellows, research assistants, graduate students and administrative staff. Facilities include:
  - Departmental administrative faculty and administrative staff offices/workstations
  - Research assistant and graduate student offices/workstations
  - F-T and P-T faculty appointments offices/workstations
  - A small conference room (Room 8-129)
  - Administrative support areas.

**4.6 PROJECTED FACILITY REQUIREMENTS**

The following outlines the space requirements of the A&PM Department in the CSB according to the major space categories as outlined in the OUA Space Manual.

**4.6.1 Instruction - Classroom, Lecture and Seminar Space**

- The A&PM Functional Program includes a 15-person multipurpose seminar/conference room that will be shared between A&PM and CCM. The Department envisions using the space for activities such as Chronic Pain Rounds (10-12 persons) and staff meetings (10-15 persons). Note that the space is included under category 4. Academic Offices & related Services Space.
- Also, the Department will have the opportunity to utilize the larger classroom facilities that will remain on Level 2 of the CSB for activities such as rounds.

**4.6.2 Instruction - Laboratory Space**

- There is no requirement for instructional laboratory space in the Department's Functional Program for the CSB.

**4.6.3 Research - Laboratory Space**

- PI's M. Zaugg and B. Kerr have wet lab research space in the HMRC and MSB. Their identified research team members are also accommodated in the wet lab space, which it is assumed will remain in the HMRC and MSB.
- Two other A&PM wet lab researchers, Dr. F. Gregasin and Dr. S. Bourque, are expanding their work in transitional cardiovascular research. Their wet lab research will be accommodated in the MSB or other wet lab research space and will not have an impact on the CSB backfill.
- Dry laboratory research space is included in the A&PM Functional Program for the CSB Backfill to accommodate the Department's clinical research support team of up to 10 persons including F-T research assistants, a new research manager/PhD position, volunteer research assistants and summer students, as well as secure files storage. The team, which is led by its PI's B. Dick, D. Dillane, B. Finnegan and B. Tsui, is currently located in CSB 8-120. Ideally, the research staff

---

<sup>1</sup> The existing area includes a portion of internal circulation space (identified in the Detailed Space Table) and therefore is a combination of net assignable and component gross square metres.

## 4.0 FOMD DEPARTMENT OF ANESTHESIOLOGY AND PAIN MEDICINE

workstations should be grouped in one large, secure, open area to facilitate teamwork and immediate communications among the members.

- All clinical activities related to the research will continue to occur in the UAH-WMC and at other hospital sites.

#### 4.6.4 Academic Offices and Related Services Space

- The full-time and part-time faculty offices and workstations, as well as other related staff workstations are identified in the accompanying Detailed Space Table.
- In summary, the CSB Functional Program for the Department includes:
  - 8 assigned offices for F-T Clinical faculty including the Chair, Vice Chair and 6 other current faculty (the 8 includes R. Kearney presently located in the ZLC but excludes B. Kerr who will remain located in MSB with the research lab).
  - 5 assigned workstations for P-T Clinical faculty that have administrative appointments including the Physician Scheduling and Continuing Professional Development Director, Residency Program Director, Assistant Program Director, Fellowship Director, and Undergraduate Coordinator.
  - 2 touch down workstations that will be shared by the approximately 35 other P-T Clinical faculty that are based at the UAH.
  - 2 shared workstations for the 4 clinical fellows.
  - 1 office and 10 workstations for the Department's administrative support staff; the 2 staff that are shared with Critical Care Medicine, the APO and Financial/HR Assistant, are included in this A&PM Functional Program.
  - The 10 research staff workstations in the A&PM Research Lab are included above under the Dry Lab research space.
  - Assigned space is not provided in the CSB for the A&PM residents or rotating residents.
- The Functional Program also includes a space allocation for a reception/waiting area for the Department and for administrative files storage.
- The space allocations for the seminar/conference room and copy/fax room spaces that will be shared with Critical Care Medicine are included in this A&PM Functional Program. The seminar/conference room is also intended to serve as faculty/staff commons space and includes a refreshment alcove towards this purpose.

The existing, the projected space requirements for 2017/18, and the recommended Functional Program space areas for the FoMD Department of Anesthesiology & Pain Medicine in the CSB are summarized in the following table. For a detailed breakdown of these areas see the accompanying Detailed Space Table.

## 4.0 FoMD DEPARTMENT OF ANESTHESIOLOGY AND PAIN MEDICINE

**Table 4-2 - Summary of CSB Space Projections by Space Category (in net assignable square metres)**

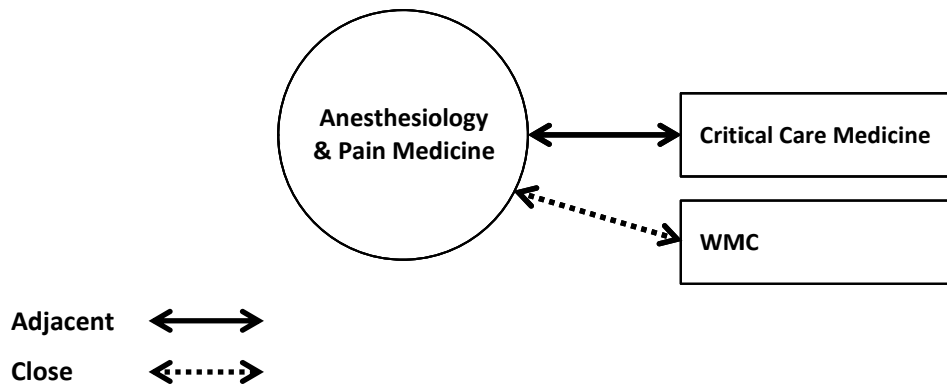
|  | Existing<br>Sq M | Projected<br>Requirements<br>2017/18<br>Sq M | Recommended<br>Functional<br>Program<br>Sq M |
|--|------------------|--|--|
| <b>FoMD Department of Anesthesiology &amp; Pain Medicine</b> |                  |  |  |
| 3.2-3.4 Dry Lab Research Space <sup>1</sup>                  | 101.1            | 69.0   | 69.0   |
| 4.1-4.6 Academic Offices & Related Space                     | <u>218.9</u>     | <u>282.0</u>                                 | <u>282.0</u>                                 |
| <b>Total Area Requirements<sup>2</sup></b>                   | <b>320.0</b>     | <b>351.0</b>                                 | <b>351.0</b>                                 |

Table Notes:

- The reported existing net sq m for CSB 8-120 includes internal circulation space that connects the workstations.
- A potential gross-up allowance of approximately 15-25% will be required to account for internal circulation and walls, which brings the total area requirement up to approx 405.0-440.0 component gross square metres (CGSM).

**4.7 FUNCTIONAL RELATIONSHIPS**

- Require adjacency to the FoMD Division of Critical Care Medicine for shared staff, functions and space.
- Require lower floor location in the CSB, e.g. Level 2 for regular urgent access to the WMC Surgical Suite.



## 4.0 FOMD DEPARTMENT OF ANESTHESIOLOGY AND PAIN MEDICINE

**4.8 Detailed Space Table - FoMD Department of Anesthesiology and Pain Medicine**

| SPACE CATEGORY  |                             |                    |   | Current Location<br>Bldg Room No. |               | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>   |
|---|-----------------------------|--------------------|---|-----------------------------------|---------------|---|---------------------------|---------------------------|--|
| Space Use / Function                                  | Position Type               | FoMD Planning Code | Person or PI/Group Name                   |                                   |               | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>3. RESEARCH SPACE</b>                              |                             |                    |   |                                   |               |   |                           |                           |  |
| <b>3.1 Research - Serviced / Wet Laboratory Space</b> |                             |                    |   |                                   |               |   |                           |                           |  |
| <b>Wet Research Lab</b>                               | -                           | -                  | <b>PI: M. Zaugg</b>                       | HMRC                              | 4-08 & 408A/B | [82.3]                                  | [82.3]                    | [82.3]                    | Lab & its NSM are allocated to the Vascular Biology Group                                  |
| Workstation   | Postdoctoral Fellow         | PDF                | Lou, P                                    | HMRC                              | 4-08          | -                                       | -                         | -                         | Space incl in the 82.3 NSM in HMRC   |
| Workstation   | Research Associate          | A3.2-PT            | Luchinetti-Zaugg, E                       | HMRC                              | 4-08          | -                                       | -                         | -                         | "  |
| Workstation   | Research Associate          | A3.2               | Zang, L                                   | HMRC                              | 4-08          | -                                       | -                         | -                         | "  |
| <b>Wet Research Lab</b>                               | -                           | -                  | <b>PI: B. Kerr</b>                        | HMRC                              | 1-28          | [57.3]                                  | [57.3]                    | [57.3]                    | Lab & its NSM are allocated to the Dept of Medical Microbiology & Immunology               |
| Office  | Assistant Professor         | A1.5               | Kerr, B                                   | MSB                               | 1-28A         | [14.8]                                  | [14.8]                    | [14.8]                    | Dr. Kerr will remain w/ lab in the MSB   |
| Workstation   | Research Assistant          | SUP-FT             | Tenorio, L                                | MSB                               | 1-28          | -                                       | -                         | -                         | Will remain with lab in the MSB  |
| <b>Wet Research Lab</b>                               | -                           | -                  | <b>PI's: F. Gregasin &amp; S. Bourque</b> | TBD                               | TBD           | -                                       | -                         | -                         | Future lab location & size to be determined; will not impact on the CSB space requirements |
| <b>Subtotal</b>                                       |                             |                    |   |                                   |               | <b>[154.4]</b>                          | <b>[154.4]</b>            | <b>[154.4]</b>            | This space not incl in the CSB Func Prog   |
| <b>3.2 Research - Dry Laboratory Space</b>            |                             |                    |   |                                   |               |   |                           |                           |  |
| <b>A&amp;PM Research Lab</b>                          |                             |                    | <b>PI's: see →</b>                        |                                   |               |   |                           |                           | <b>PI's include: B. Dick, D. Dillane, B. Finnegan &amp; B. Tsui</b>                        |
| Workstation   | Research Manager            |                    | Vacant                                    | -                                 | -             | -                                       | 9.0                       | 9.0                       | Pending appointment; SrAD allocation of 9.0 NSM  |
| Workstation   | Research Assistant          | SUP-FT             | Hammal, F                                 | CSB                               | 8-110J        | 7.8                                     | 6.0                       | 6.0                       | Rsrch Asst allocation 6.0 NSM incl files   |
| Workstation   | Research Assistant (UA/AHS) |                    | Chappel, A                                | CSB                               | 8-120         | 93.3                                    | 6.0                       | 6.0                       | "  |
| Workstation   | Research Assistant          | SUP-FT             | Correy, G                                 | CSB                               | 8-120         |   | 6.0                       | 6.0                       | "  |
| Workstation   | Research Assistant          | SUP-FT             | Verrier, M                                | CSB                               | 8-120         |   | 6.0                       | 6.0                       | "  |
| Workstation   | Research Assistant          |                    | Future                                    | CSB                               | 8-120         | Incl above                              | 18.0                      | 18.0                      | Provide allocation for future F-T staff  |
| Workstation   | Research Assistant          |                    | Grad Student                              | CSB                               | 8-120         |   | 6.0                       | 6.0                       | 2 x grad student allocation of 3.0 NSM   |
| Storage, Files  | -                           | -                  | -   | CSB                               | 8-120         |   | 12.0                      | 12.0                      | Require secure storage for research binders  |
| <b>Subtotal</b>                                       |                             |                    |   |                                   |               | <b>101.1</b>                            | <b>69.0</b>               | <b>69.0</b>               | The existing 93.3 sqm in 8-120 includes internal circulation                               |
| <b>3.3 Research - Clinical Trials Space</b>           |                             |                    |   |                                   |               |   |                           |                           |  |
| None identified                                       |                             |                    |   |                                   |               |   |                           |                           |  |
| <b>Subtotal</b>                                       |                             |                    |   |                                   |               | <b>0.0</b>                              | <b>0.0</b>                | <b>0.0</b>                |  |
| <b>3.4 Research - Laboratory Support Space</b>        |                             |                    |   |                                   |               |   |                           |                           |  |
| None identified                                       |                             |                    |   |                                   |               |   |                           |                           |  |
| <b>Subtotal</b>                                       |                             |                    |   |                                   |               | <b>0.0</b>                              | <b>0.0</b>                | <b>0.0</b>                |  |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>                    |                             |                    |   |                                   |               | <b>101.1</b>                            | <b>69.0</b>               | <b>69.0</b>               |  |

**4.0 FOMD DEPARTMENT OF ANESTHESIOLOGY AND PAIN MEDICINE**
**4.8 Detailed Space Table - FoMD Department of Anesthesiology and Pain Medicine (cont'd)**

| SPACE CATEGORY  |  |                    |  | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                            |                           | Comments / Space Attributes <sup>2</sup>   |
|---|--|--------------------|--|------------------|----------|---|----------------------------|---------------------------|--|
| Space Use / Function                                    | Position Type                            | FoMD Planning Code | Person or PI/Group Name                  | Bldg             | Room No. | Existing                                | Projected Req'm'ts 2017/18 | Recomm Functional Program |  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |  |                    |  |                  |          |   |                            |                           |  |
| <b>4.1 Department Administration</b>                    |  |                    |  |                  |          |   |                            |                           |  |
| Office  | Faculty APO                              | A1.2               | Jubenville, J                            | CSB              | 8-120E   | 10.7                                    | 12.0                       | 12.0                      | APO allocation of 12.0 NSM; position will continue to be shared w/ CCM                         |
| Workstation   | Chair Exec Secretary                     | SUP-FT             | Nowak, L                                 | CSB              | 8-120C   | 10.2                                    | 6.0                        | 6.0                       | F-T admin support allocation of 6.0 NSM  |
| Workstation   | Financial/HR Assist                      | SUP-FT             | Beisel, S                                | CSB              | 8-120K   | 7.2                                     | 6.0                        | 6.0                       | "  |
| Workstation   | Resid Prog Admin                         | SUP-FT             | Blake, M                                 | CSB              | 8-131    | 16.1                                    | 6.0                        | 6.0                       | F-T admin support allocation of 6.0 NSM; existing office shared w/ Educ Asst                   |
| Workstation   | Education Assistant                      | SUP-FT             | Chabi, D                                 | CSB              | 8-131    | Incl above                              | 6.0                        | 6.0                       | F-T admin support allocation of 6.0 NSM  |
| Workstation   | Information Coord                        | SUP-FT             | Fehr, M                                  | CSB              | 8-120B2  | 6.4                                     | 6.0                        | 6.0                       | IT staff allocation of 6.0 NSM   |
| Workstation   | Reception (UA/AHS)                       |                    | Harke, R                                 | CSB              | 8-120B2  | Incl above                              | 6.0                        | 6.0                       | F-T admin support allocation of 6.0 NSM  |
| Workstation   | Secretary (UA/AHS)                       |                    | McGrann, K                               | CSB              | 8-120G   | 10.7                                    | 6.0                        | 6.0                       | "  |
| Workstation   | Secretary (UA/AHS)                       |                    | Kruzenga, L                              | CSB              |          |   | 6.0                        | 6.0                       | "  |
| Workstation   | Admin Support x 2                        |                    | Future growth                            | CSB              | -        | -                                       | 12.0                       | 12.0                      | 2 addn'l admin support @ 6.0 NSM   |
| Workstation   | Secretary (UA/AHS)                       |                    | Rutz, I                                  | WMC              | 1C1.04   | -                                       | -                          | -                         | Peds Anesth; will remain in the WMC  |
| <b>Subtotal</b>   |  |                    |  |                  |          | <b>61.3</b>                             | <b>72.0</b>                | <b>72.0</b>               |  |
| <b>4.2 Faculty, Full-time</b>                           |  |                    |  |                  |          |   |                            |                           |  |
| Office  | Department Chair                         | A1.1               | Murphy, M                                | CSB              | 8-120D   | 15.5                                    | 16.0                       | 16.0                      | Chair allocation of 12.0-16.0 NSM  |
| Office  | Dep't Vice Chair                         | A1.1               | Rashiq, S                                | CSB              | 8-120J   | 10.7                                    | 12.0                       | 12.0                      | F-T Faculty allocation of 12.0 NSM   |
| Office  | Associate Professor                      | A1.1               | Dick, B                                  | CSB              | 8-120A   | 12.0                                    | 12.0                       | 12.0                      | "  |
| Office  | Assistant Professor                      | A1.1               | Dillane, D                               | CSB              | 8-125    | 25.2                                    | 12.0                       | 12.0                      | "  |
| Office  | Professor                                | A1.1               | Finnegan, B                              | CSB              | 8-125    | incl above                              | 12.0                       | 12.0                      | F-T Faculty allocation of 12.0 NSM; existing office shared w/ D. Dillane                       |
| Office  | Professor                                | A1.1               | Tsui, B                                  | CSB              | 8-120H   | 10.7                                    | 12.0                       | 12.0                      | "  |
| Office  | Professor                                | A1.1               | Zaugg, M                                 | CSB              | 8-120F   | 10.7                                    | 12.0                       | 12.0                      | "  |
| Office  | Professor                                | A1.1               | Kearney, R                               | ZLC              | 2-54     | 12.0                                    | 12.0                       | 12.0                      | Also serves as Assoc Dean; F-T Faculty allocation of 12.0 NSM                                  |
| <b>Subtotal</b>   |  |                    |  |                  |          | <b>96.8</b>                             | <b>100.0</b>               | <b>100.0</b>              |  |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>      |  |                    |  |                  |          |   |                            |                           |  |
| Office  | Physician Scheduling & Contin Prof Devel | D1.1               | Devitt, H                                | CSB              | 8-120L   | 8.1                                     | 6.0                        | 6.0                       | Faculty admin allocation of 6.0 NSM (within a shared office)                                   |
| Workstation   | Resid Prog Director                      | D1.2               | MacNicol, B                              | CSB              | 8-133    | 18.3                                    | 6.0                        | 6.0                       | Existing office shared w/ J. Taam, M. Simmonds & R. Cheng; Faculty admin allocation of 6.0 NSM |
| Workstation   | Assist Prog Director                     | C1.2               | Taam, J                                  | CSB              | 8-133    |   | 6.0                        | 6.0                       | Faculty admin allocation of 6.0 NSM  |
| Workstation   | Fellowship Director                      | C1.2               | Simmonds, M                              | CSB              | 8-133    | Incl above                              | 6.0                        | 6.0                       | "  |
| Workstation   | Undergrad Coord                          | C1.2               | Cheng, R                                 | CSB              | 8-133    |   | 6.0                        | 6.0                       | "  |
| Touch Down Workstation                                  | P-T Clinical at UAH                      | C1.2               | Approx 35 P-T Clinical Appnts at the UAH |                  | -        | -                                       | 6.0                        | 6.0                       | Recommend 2 x shared touch down workstations @ 3.0 NSM   |
| <b>Subtotal</b>   |  |                    |  |                  |          | <b>26.4</b>                             | <b>36.0</b>                | <b>36.0</b>               |  |

## 4.0 FOMD DEPARTMENT OF ANESTHESIOLOGY AND PAIN MEDICINE

**4.8 Detailed Space Table - FoMD Department of Anesthesiology and Pain Medicine (cont'd)**

| SPACE CATEGORY  |                 |                    |   | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                            |                           | Comments / Space Attributes <sup>2</sup>  |
|---|-----------------|--------------------|---|------------------|----------|---|----------------------------|---------------------------|---|
| Space Use / Function  | Position Type   | FoMD Planning Code | Person or PI/Group Name                   | Bldg             | Room No. | Existing                                | Projected Req'm'ts 2017/18 | Recomm Functional Program |   |
| <b>4.4 Research Staff / Other Academic</b>                        |                 |                    |   |                  |          |   |                            |                           |   |
| T-D Workstation   | Clinical Fellow | T-F/R PG           | Coquet, S                                 | -                | -        | -                                       | 12.0                       | 12.0                      | Recommend 2 shared workstations @ 6.0 NSM   |
| T-D Workstation   | Clinical Fellow | T-F/R PG           | Patil, D                                  | -                | -        | -                                       | -                          | -                         |   |
| T-D Workstation   | Clinical Fellow | T-F/R PG           | Shakespeare, T                            | -                | -        | -                                       | -                          | -                         |   |
| T-D Workstation   | Clinical Fellow | T-F/R PG           | Ting, Y                                   | -                | -        | -                                       | -                          | -                         |   |
| <b>Subtotal</b>   |                 |                    |   |                  |          | <b>0.0</b>                              | <b>12.0</b>                | <b>12.0</b>               |   |
| <b>4.5 Trainees &amp; Graduate Students</b>                       |                 |                    |   |                  |          |   |                            |                           |   |
| T-D Workstation   | Residents       |                    | 35 A&PM residents plus rotating residents | -                | -        | -                                       | 0.0                        | 0.0                       | No space allocation in the CSB  |
| <b>Subtotal</b>   |                 |                    |   |                  |          | <b>0.0</b>                              | <b>0.0</b>                 | <b>0.0</b>                |   |
| <b>4.6 Department Support Space</b>                               |                 |                    |   |                  |          |   |                            |                           |   |
| Reception/Waiting   | -               | -                  | Admin                                     | CSB              | 8-120    | Incl above                              | 9.0                        | 9.0                       | Waiting space; staff workstation incl in Admin Support above  |
| Seminar/Conference Room & Faculty-Staff Commons                   | -               | -                  | Admin                                     | CSB              | 8-129    |   | 17.2                       | 35.0                      | Multipurpose meeting space shared w/ Critical Care Medicine; 15 persons @ 1.5-2.5 NSM incl refreshment alcove |
|   |                 |                    |   |                  | 8-120B1  |   | 9.5                        |                           |   |
| Storage, Files  | -               | -                  | Admin                                     | -                | -        |   | 9.0                        | 9.0                       | Admin files; research files incl above  |
| Copy/Workroom   | -               | -                  | Admin                                     | CSB              | 8-120B   |   | 7.7                        | 9.0                       | Copy/workroom shared w/ Critical Care Medicine  |
| <b>Subtotal</b>   |                 |                    |   |                  |          |   | <b>34.4</b>                | <b>62.0</b>               | <b>62.0</b>   |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                 |                    |   |                  |          |   | <b>218.9</b>               | <b>282.0</b>              | <b>282.0</b>  |
| <b>TOTAL: FoMD, DEP'T OF ANESTHESIOLOGY &amp; PAIN MEDICINE</b>   |                 |                    |   |                  |          |   | <b>320.0</b>               | <b>351.0</b>              | <b>351.0</b>  |
|   |                 |                    |   |                  |          |   |                            |                           | <b>NSM</b>  |

|   |              |
|---|--------------|
| <b>Total A&amp;PM Space in the CSB - NSM</b>    | <b>351.0</b> |
| <b>Estimated CGSM in the CSB @ 15% Gross Up</b> | <b>403.7</b> |
| <b>Estimated CGSM in the CSB @ 25% Gross Up</b> | <b>438.8</b> |

**Notes:**

1. All areas (sqm) used in this document are net assignable square metres unless otherwise indicated.

2. Since the A&amp;PM programmed space will be located in an existing building, the recommended Functional Program areas may need to be adjusted to accommodate existing conditions such as the structural grid, wall and window locations, etc.



## 5.0 FoMD DIVISION OF CRITICAL CARE MEDICINE

### 5.1 PARAMETERS & ASSUMPTIONS

The FoMD Division of Critical Care Medicine (CCM) is located on level 3C1 of the Walter C. Mackenzie Health Sciences Centre and currently has no assigned space in the CSB. It is proposed to relocate the Division's offices into the CSB and this Functional Program focuses on its projected space needs as part of the CSB Backfill project.

The following general parameters and assumptions apply to the Functional Program for the FoMD Division of Critical Care Medicine:

- The backfill stacking plan proposes to relocate the CCM Division on the 2<sup>nd</sup> floor of the CSB together with the FoMD Department of Anesthesiology & Pain Medicine, where it will have relatively direct access to the WMC. Direct access is important, for example, for residents who might be teaching in the CSB and are part of the WMC code team.
- The co-location of CCM and A&PM on the same floor will facilitate sharing support facilities such as a seminar/conference room, copy/workroom and staff amenities. There are also a number of joint clinical appointments between CCM and A&PM. However, it is assumed that each will require its own reception, offices, secure files storage, etc.
- By the Functional Program target year of 2017/18 the Division anticipates substantial growth and has submitted a proposal to become a Department within the FoMD.
- There is no need for the Division to conduct any clinical activity in the CSB, other than the potential use of CSB classroom/conference space for clinical rounds (they currently take place in classroom D in the WMC). Research meetings will occur in the CSB.
- While CCM's space requirements in the WMC are not specifically captured in this Functional Program, it is noted that the ICU physicians on service in the Intensive Care Units will continue to require touch down space in the hospital, e.g. they currently use room 3C1.06 in the WMC.

### 5.2 ACADEMIC NARRATIVE

The FoMD Division of Critical Care Medicine provides teaching, research and patient care to the various Critical Care Units in hospitals around the Edmonton area. The Division is committed to providing excellence in patient care, research and teaching and is particularly proud of its residency training program.

Critical Care Units are where the most unstable and seriously ill patients are cared for, including patients with potentially reversible multi-system critical illnesses and those following major surgical procedures. They consist of highly trained inter-disciplinary teams of health care professionals, together with advanced life-support technology and monitoring equipment. In addition, outreach services are now recognized as a vital component of Critical Care in which the necessary expertise and support is taken to at-risk patients throughout the hospital, i.e. 'ICU without walls'.

Critical care education begins with training in a 3 year rotation as a resident in a base specialty program such as internal medicine, surgery or anesthesia (all FoMD residents rotate through CCM). This is followed by a two-year subspecialty residency training program in CCM, in which trainees will gain experience at managing patients with a variety of medical and surgical problems, and, at the end, will be prepared to care for any type of patient. The number of CCM residents based at the

## 5.0 FoMD DIVISION OF CRITICAL CARE MEDICINE

WMC site currently totals three. In addition, the Division offers more specific/advanced clinical training through one-year fellowships, especially for example, in Critical Care Nephrology. The Division will have 2 Post-Doctoral Fellows in 2013.

The Division has incorporated the use of an active simulation program into its training, which helps provide a safe and controlled environment for realistic, experiential learning. Note that the ICU simulation is planned to be located adjacent to the ICU within the WMC, i.e. in a patient room.

In recent years the Division has focused increasingly on research into critical illness and has made it a priority of the Division. It has incorporated research as part of daily clinical practice as well as an important part of residency training. The goal of research within the FoMD Division of Critical Care Medicine is to allow every practitioner to contribute to the general body of knowledge. All attending medical staff, residents and allied health professionals contribute to critical care research and to the betterment of patient care.

The Division's research occurs in the Critical Care Units and is supported by a team of 5 research assistants/coordinators that may have at least 8 projects occurring simultaneously. They work as a close knit team supporting one another and need to be located together in one area.

**5.3 FACULTY, STAFF & STUDENT NUMBERS**
**Table 5-1 - Summary of Faculty, Staff & Student Numbers**

|   | 2012/13    | 2017/18    |
|---|------------|------------|
| <b>FoMD Division of Critical Care Medicine</b>  |            |            |
| • Division Director   | 1          | 1          |
| • Director, Residency Training Program  | 1          | 1          |
| • Director, Research Program  | 1          | 1          |
| • APO (shared w/ Dep't of Anesthesiology & Pain Medicine) <sup>1</sup>  | 0.5        | 0.5        |
| • Administrative Support (recruiting a 0.5 position for the Division Chair)   | 1.5        | 2.5        |
| • F-T Faculty (Directors counted above; includes 1 vacant position & 1 person based at the RAH)   | 5          | 8          |
| • P-T Faculty - Clinical/Research <sup>2</sup>  | 7          | 9          |
| • P-T Faculty - Clinical (14 at the UAH with Primary Appointments)  | ~31        | ~31        |
| • Postdoctoral Fellows (2 new appointments in 2013)   | 2          | 2          |
| • CCM Residents <sup>3</sup>  | 3          | 4          |
| • Research Office Manager & Research Assistants/Coordinators (current includes 1 vacant position; growth includes a health informatics person)  | 6          | 9          |
| <b>Total</b>  | <b>~59</b> | <b>~69</b> |
| Table Notes:  |            |            |
| 1. Assumes that CCM and A&PM will be co-located in the CSB and that the APO will continue to be shared.   |            |            |
| 2. A portion of the P-T Clinical Faculty is also heavily involved in research and in supporting the Division's work.  |            |            |
| 3. Royal College approved subspecialty residency in Critical Care Medicine; approx 250 other FoMD residents also rotate through the CCM Division with 15 at one point in time at the UAH site, i.e. 3 teams of 5 residents. |            |            |

## 5.0 FoMD DIVISION OF CRITICAL CARE MEDICINE

**5.4 ENROLLMENT NUMBERS & TRENDS****6.4.1 Trainees and Graduate Students**

As noted previously there will be 2 additional Postdoctoral Fellows, while the number of CCM Residents is expected to increase from 3 to 4. Overall growth in FoMD residents rotating through Critical Care Medicine could also have an impact on Division resources in the future.

**5.5 CURRENT FACILITIES**

The Division currently has office/administrative space in 3C1 of the WMC, as well as in 3G1, 3H1, 4H1 and 5H1. The main uses are the administrative offices including the Director, F-T faculty offices and workstations, P-T Clinical/Research faculty workstations, research office staff workstations and limited general support areas. CCM's existing area in the WMC is estimated to be approximately 83.7 net assignable square metres, noting however that data on the current WMC space use may not be 100% complete.

With ongoing growth in the Division such as the appointment of a new Director other Faculty appointments, an administrative support position, the increase in Critical Care research activities and staff, and changes such as the development of an ICU simulation room, there is increasing pressure and urgency to move the Division's office/administrative space out of the WMC.

**5.6 PROJECTED FACILITY REQUIREMENTS**

The following outlines the space requirements of the CCM Division in the CSB according to the major space categories as outlined in the OUA Space Manual.

**5.6.1 Instruction - Classroom, Lecture and Seminar Space**

- A 15-person multipurpose seminar/conference room that will be shared between Critical Care Medicine and Anesthesiology & Pain Medicine is included in the A&PM Functional Program.
- Also, the Division will have the opportunity to utilize the larger classroom facilities that will remain on Level 2 of the CSB for activities such as rounds.

**5.6.2 Instruction - Laboratory Space**

- There is no requirement for instructional laboratory space in the Division's Functional Program for the CSB.

**5.6.3 Research - Laboratory Space**

- Dry laboratory research space is included in the Functional Program to accommodate the Division's clinical research support team, which is forecast to grow from 6 to 9 persons. Ideally, the majority of research staff workstations should be grouped in one large, secure, open area to facilitate teamwork and immediate communications among the members, noting that the health informatics researcher will require a higher degree of privacy.
- The research team does interviews and cognitive assessments as part of its clinical research follow-up. It may be a one-on-one interview or a small group of up to 4-5 persons, both of which require privacy. This activity needs to be accommodated with the research team in the CSB.

## 5.0 FOMD DIVISION OF CRITICAL CARE MEDICINE

- Note, however, that all clinical activities related to the research including interactions with the patients, family and ICU physicians and staff occur in the Intensive Care Units in hospitals.

**5.6.4 Academic Offices and Related Services Space**

- The full-time and part-time faculty offices and workstations, as well as other related staff workstations are identified in the accompanying Detailed Space Table.
- In summary, the CSB Functional Program for the CCM Division includes:
  - 9 assigned offices for the F-T faculty including the Division Director, 5 other current faculty members (including the Research Program Director and a vacant position, but excluding D. Kutsogiannis who is located at the RAH) and 3 future F-T appointments.
  - 1 assigned workstation for a P-T faculty member that is heavily involved in Divisional affairs (Residency Program Director) and 4 shared touch down workstations for P-T Clinical faculty that are heavily involved in research and other Divisional affairs, i.e. a 1:2 ratio.
  - 2 shared touch down workstations for 14 Clinical faculty with Primary Appointments at UAH, based on the ECHA planning guideline of about 1 touch down workstation per 10 persons.
  - 2 assigned workstations for the 2 Postdoctoral Fellows.
  - 2 shared touch down workstations for the 4 CCM Residents and 1 shared touch down workstation for the rotating residents. There are typically 15 rotating residents at one time at the UAH, i.e. three teams of 5.
  - 3 assigned workstations for the Division's administrative support staff including 1 future growth position; the APO's office is included in the A&PM Functional Program.
  - The research staff workstations are included above under Dry Lab research space.
  - It is assumed that the office for the Director of the ICU (M. Meier) will remain in the WMC.
- The Functional Program also includes space allocations for a reception/waiting area and a 10-12 person conference room for the Division, and for secure files storage, including research files.
- It is assumed that a larger conference room and copy/fax room spaces will be shared between CCM and A&PM; the space allocations are included in the A&PM Functional Program.

The existing, the projected space requirements for 2017/18, and the recommended Functional Program space areas for the FoMD Division of Critical Care Medicine in the CSB are summarized in the following table. For a detailed breakdown of these areas see the accompanying Detailed Space Table.

## 5.0 FoMD DIVISION OF CRITICAL CARE MEDICINE

**Table 5-2 - Summary of CSB Space Projections by Space Category (in net assignable square metres)**

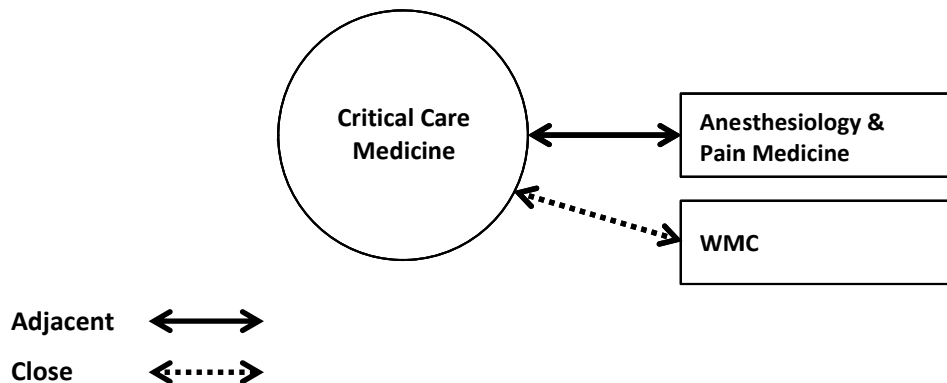
|  | Existing <sup>1</sup><br>Sq M | Projected<br>Requirements<br>2017/18<br>Sq M | Recommended<br>Functional<br>Program<br>Sq M |
|--|-------------------------------|--|--|
| <b>FoMD Division of Critical Care Medicine</b> |                               |  |  |
| 3.2-3.4 Dry Lab Research Space                 | 16.0                          | 60.0   | 60.0   |
| 4.1-4.6 Academic Offices & Related Space       | <u>67.7</u>                   | <u>207.0</u>                                 | <u>207.0</u>                                 |
| <b>Total Area Requirements<sup>2</sup></b>     | <b>83.7</b>                   | <b>267.0</b>                                 | <b>267.0</b>                                 |

Table Notes:

- The reported existing net sq m for CSB 8-120 includes internal circulation space that connects the workstations.
- A potential gross-up allowance of approximately 15-25% will be required to account for internal circulation and walls, which brings the total area requirement up to approx 310.0-335.0 component gross square metres (CGSM).

**5.7 FUNCTIONAL RELATIONSHIPS**

- Require adjacency to the Department of Anesthesiology & Pain Medicine for shared functions/ space.
- Require lower floor location in the CSB, e.g. Level 2 for regular urgent access to the WMC.



## 5.0 FoMD DIVISION OF CRITICAL CARE MEDICINE

**5.8 Detailed Space Table - FoMD Division of Critical Care Medicine**

| SPACE CATEGORY  |                      |                    |                         | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>                                     |
|---|----------------------|--------------------|-------------------------|------------------|----------|---|---------------------------|---------------------------|--|
| Space Use / Function                                  | Position Type        | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No. | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>3. RESEARCH SPACE</b>                              |                      |                    |                         |                  |          |   |                           |                           |  |
| <b>3.1 Research - Serviced / Wet Laboratory Space</b> |                      |                    |                         |                  |          |   |                           |                           |  |
| None identified                                       |                      |                    |                         |                  |          |   |                           |                           |  |
| <b>Subtotal</b>                                       |                      |                    |                         |                  |          | <b>0.0</b>                              | <b>0.0</b>                | <b>0.0</b>                |  |
| <b>3.2 Research - Dry Laboratory Space</b>            |                      |                    |                         |                  |          |   |                           |                           |  |
| <b>CCM Research Lab</b>                               |                      |                    |                         | PI's: see →      |          |   |                           |                           | PI's include: S. Bagshaw, M. Jacka, C. Karvellas, W. Sligl & D. Zygun        |
| Workstation   | Rsrch Office Manager | SUP-FT             | Taylor, S               | WMC              | 3H1.03   | 16.0                                    | 9.0                       | 9.0                       | Coordinator allocation of 9.0 NSM  |
| Workstation   | Research Assistant   | SUP-FT             | Baig, N                 | WMC              | 3H1.03   | incl<br>above                           | 6.0                       | 6.0                       | Rsrch Asst allocation 6.0 NSM incl files                                     |
| Workstation   | Research Assistant   | SUP-FT             | Mohan, C                | WMC              | 3H1.03   |   | 6.0                       | 6.0                       | "  |
| Workstation   | Research Assistant   | SUP-FT             | Reid, K                 | WMC              | 3H1.03   | "                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Research Assistant   |                    | Tarnovestskaia          | WMC              | 3H1.03   | "                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Research Associate   |                    | Vacant                  | -                | -        | -                                       | 6.0                       | 6.0                       | Future PhD in health informatics   |
| Interview/<br>Assessment Room                         | -                    | -                  | -                       | -                | -        | -                                       | 9.0                       | 9.0                       | Require privacy for individual & small group interviews of up to 4-5 persons |
| Workstation   | Research Assistant   |                    | Future growth           | -                | -        | -                                       | 12.0                      | 12.0                      | 2 addn'l Rsrch Assistants @ 6.0 NSM  |
| <b>Subtotal</b>                                       |                      |                    |                         |                  |          | <b>16.0</b>                             | <b>60.0</b>               | <b>60.0</b>               |  |
| <b>3.3 Research - Clinical Trials Space</b>           |                      |                    |                         |                  |          |   |                           |                           |  |
| No space required in the CSB                          | -                    | -                  | -                       | -                | -        | -                                       | -                         | -                         | Clinical trials research occurs within the Intensive Care Units in hospitals |
| <b>Subtotal</b>                                       |                      |                    |                         |                  |          | <b>0.0</b>                              | <b>0.0</b>                | <b>0.0</b>                |  |
| <b>3.4 Research - Laboratory Support Space</b>        |                      |                    |                         |                  |          |   |                           |                           |  |
| None identified                                       |                      |                    |                         |                  |          |   |                           |                           |  |
| <b>Subtotal</b>                                       |                      |                    |                         |                  |          | <b>0.0</b>                              | <b>0.0</b>                | <b>0.0</b>                |  |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>                    |                      |                    |                         |                  |          | <b>16.0</b>                             | <b>60.0</b>               | <b>60.0</b>               |  |

## 5.0 FoMD DIVISION OF CRITICAL CARE MEDICINE

## 5.8 Detailed Space Table - FoMD Division of Critical Care Medicine (cont'd)

| SPACE CATEGORY  |                      |                    |                                       | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>                                    |  |
|---|----------------------|--------------------|---------------------------------------|------------------|----------|---|---------------------------|---------------------------|---|--|
| Space Use / Function                                    | Position Type        | FoMD Planning Code | Person or PI/Group Name               | Bldg             | Room No. | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |   |  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                      |                    |                                       |                  |          |   |                           |                           |   |  |
| <b>4.1 Division Administration</b>                      |                      |                    |                                       |                  |          |   |                           |                           |   |  |
| Office  | APO                  | A1.2               | Jubenville, J                         | CSB              | 8-120E   | -                                       | -                         | -                         | Space incl in A&PM; assume position will continue to be shared w/ CCM       |  |
| Workstation   | Admin Assistant      |                    | Delaney, A                            | WMC              | 3C1.12   | 6.0                                     | 6.0                       | 6.0                       | Existing area is an estimate  |  |
| Workstation   | Admin Support        |                    | Vacant                                | WMC              | 3C1.12   | 6.0                                     | 6.0                       | 6.0                       | Position is under recruitment   |  |
| Workstation   | Admin Support        |                    | Future growth                         | -                | -        | -                                       | 6.0                       | 6.0                       | 1 addn'l admin support @ 6.0 NSM  |  |
| <b>Subtotal</b>   |                      |                    |                                       |                  |          |   | <b>12.0</b>               | <b>18.0</b>               | <b>18.0</b>   |  |
| <b>4.2 Faculty, Full-time</b>                           |                      |                    |                                       |                  |          |   |                           |                           |   |  |
| Office  | Division Director    |                    | Zygun, D                              | WMC              | 3C1.16   | 5.5                                     | 12.0                      | 12.0                      | F-T Faculty allocation of 12.0 NSM  |  |
| Office  | Rsrch Prog Director  | A1.5               | Bagshaw, S                            | WMC              | 4H1.04   | 31.9                                    | 12.0                      | 12.0                      | F-T Faculty allocation of 12.0 NSM; existing office shared w/ other faculty |  |
| Office  | Associate Professor  | A1.5               | Brindley, P                           | WMC              | 4H1.04   | incl above                              | 12.0                      | 12.0                      | F-T Faculty allocation of 12.0 NSM  |  |
| Office  | Professor            | A1.5               | Chin, W                               | WMC              | 4H1.04   |   | 12.0                      | 12.0                      | "   |  |
| Office  | Professor            | A1.5               | Gibney, N                             | WMC              | 3G1.09   |   | 12.0                      | 12.0                      | "   |  |
| Office  | F-T Faculty          |                    | Vacant                                | -                | -        |   | 12.0                      | 12.0                      | Position is under recruitment   |  |
| Office  | Associate Professor  | C1.1               | Kutsogiannis, D                       | RAH              | -        |   |                           |                           | Will retain office at the RAH & access touch down space at the UAH site     |  |
| Office  | F-T Faculty          |                    | Future growth                         | -                | -        |   | 12.0                      | 12.0                      | 1 addn'l F-T faculty by 2014/15   |  |
| Office  | F-T Faculty          |                    | Future growth                         | -                | -        |   | 24.0                      | 24.0                      | 2 addn'l F-T faculty by 2017/18   |  |
| <b>Subtotal</b>   |                      |                    |                                       |                  |          | <b>37.4</b>                             | <b>108.0</b>              | <b>108.0</b>              |   |  |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>      |                      |                    |                                       |                  |          |   |                           |                           |   |  |
| Workstation   | Resid Prog Director  | C1.2               | Hudson, D                             | WMC              | 5H1.04   | 6.1                                     | 9.0                       | 9.0                       | Requires privacy for meetings w/ Residents                                  |  |
| Office  | P-T Clinical         |                    | Meier, M                              | WMC              | 3C1.15   |   |                           |                           | Director ICU; will remain in the WMC  |  |
| T-D Workstation   | P-T Clinical / Rsrch | C1.2               | Sligl, W                              | WMC              | 4H1.04   | incl above                              | 9.0                       | 9.0                       | Recommend 3 shared T-D workstns @ 3.0 NSM for the P-T Clin/Rsrch Faculty    |  |
| T-D Workstation   | P-T Clinical / Rsrch | C1.2               | Djogovic, D                           | -                | -        |   |                           |                           | "   |  |
| T-D Workstation   | P-T Clinical / Rsrch | C1.2               | Jacka, M                              | WMC              | 3C1.07   | 12.2                                    |                           |                           | "   |  |
| T-D Workstation   | P-T Clinical / Rsrch | C1.2               | Simmonds, M                           | WMC              | 3C1.07   |   |                           |                           | "   |  |
| T-D Workstation   | P-T Clinical / Rsrch |                    | McDermid, R                           | WMC              | 5H1.04   | incl above                              |                           |                           | "   |  |
| T-D Workstation   | P-T Clinical / Rsrch | C1.2               | Townsend, D                           | WMC              | 5H1.04   |   |                           |                           | "   |  |
| T-D Workstation   | P-T Clinical / Rsrch | C1.2               | Reynolds, S                           | -                | -        |   |                           |                           | "   |  |
| T-D Workstation   | P-T Clinical / Rsrch |                    | Future growth                         | -                | -        |   | 3.0                       | 3.0                       | 2 addn'l P-T Clin/Rsrch appointments  |  |
| Touch Down Workstation                                  | Clinical             |                    | 14 Primary Clinical Appnts at the UAH | -                | -        |   | 6.0                       | 6.0                       | Recommend 2 shared T-D workstns @ 3.0 NSM                                   |  |
| <b>Subtotal</b>   |                      |                    |                                       |                  |          | <b>18.3</b>                             | <b>27.0</b>               | <b>27.0</b>               |   |  |

**5.0 FoMD DIVISION OF CRITICAL CARE MEDICINE**
**5.8 Detailed Space Table - FoMD Division of Critical Care Medicine (cont'd)**

| SPACE CATEGORY  |                      |                    |                              | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>                     |
|---|----------------------|--------------------|------------------------------|------------------|----------|---|---------------------------|---------------------------|--|
| Space Use / Function  | Position Type        | FoMD Planning Code | Person or PI/Group Name      | Bldg             | Room No. | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>4.4 Research Staff / Other Academic</b>                        |                      |                    |                              |                  |          |   |                           |                           |  |
| Included above  |                      |                    |                              |                  |          |   |                           |                           |  |
| <b>Subtotal</b>   |                      |                    |                              |                  |          |   | <b>0.0</b>                | <b>0.0</b>                | <b>0.0</b>   |
| <b>4.5 Trainees &amp; Graduate Students</b>                       |                      |                    |                              |                  |          |   |                           |                           |  |
| Workstation   | Postdoctoral Fellows |                    | 2 PDF appnt by 2013/14       | -                | -        | -                                       | 6.0                       | 6.0                       | Recommend 2 assigned workstations @ 3.0 NSM                  |
| T-D Workstation   | CCM Residents        |                    | 4 CCM Residents              | -                | -        | -                                       | 6.0                       | 6.0                       | Recommend 2 shared T-D workstns @ 3.0 NSM                    |
| T-D Workstation   | Rotating Residents   |                    | ~15 at one time at this site | -                | -        | -                                       | 3.0                       | 3.0                       | Recommend 1 shared T-D workstns @ 3.0 NSM                    |
| <b>Subtotal</b>   |                      |                    |                              |                  |          |   | <b>0.0</b>                | <b>15.0</b>               | <b>15.0</b>  |
| <b>4.6 Division Support Space</b>                                 |                      |                    |                              |                  |          |   |                           |                           |  |
| Reception/Waiting   | -                    | -                  | -                            | -                | -        | -                                       | 9.0                       | 9.0                       | Waiting space; staff workstation Incl in Admin Support above |
| Conference Room   | -                    | -                  | -                            | -                | -        | -                                       | 18.0                      | 18.0                      | To accommodate 10-12 persons                                 |
| Storage, Files  | -                    | -                  | -                            | -                | -        | -                                       | 12.0                      | 12.0                      | Secure storage req'd, primarily for research binders         |
| Copy/Workroom   | -                    | -                  | -                            | -                | -        | -                                       | -                         | -                         | Shared copy/fax room incl in A&PM                            |
| <b>Subtotal</b>   |                      |                    |                              |                  |          |   | <b>0.0</b>                | <b>39.0</b>               | <b>39.0</b>  |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                      |                    |                              |                  |          |   | <b>67.7</b>               | <b>207.0</b>              | <b>207.0</b>   |
| <b>TOTAL: FoMD, DIVISION OF CRITICAL CARE MEDICINE</b>            |                      |                    |                              |                  |          |   | <b>83.7</b>               | <b>267.0</b>              | <b>267.0</b>   |
|   |                      |                    |                              |                  |          |   |                           |                           | <b>NSM<sup>3</sup></b>                                       |

|   |              |
|---|--------------|
| <b>Total CCM Space in the CSB - NSM</b>         | <b>267.0</b> |
| <b>Estimated CGSM in the CSB @ 15% Gross Up</b> | <b>307.1</b> |
| <b>Estimated CGSM in the CSB @ 25% Gross Up</b> | <b>333.8</b> |

**Notes:**

1. All areas (sqm) used in this document are net assignable square metres unless otherwise indicated.
2. Since the CCM programmed space will be located in an existing building, the recommended Functional Program areas may need to be adjusted to accommodate existing conditions such as the structural grid, wall and window locations, etc.
3. Data on the existing CCM space in the WMC may not be 100% complete.



## 6.0 FoMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY

**6.0 FoMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY****6.1 PARAMETERS & ASSUMPTIONS**

The FoMD Department of Laboratory Medicine and Pathology (LMP) currently occupies space on the CSB 10<sup>th</sup> floor, i.e. the Division of Analytical and Environmental Toxicology (AET), and in the CSB Basement, i.e. primarily the Division of Medical Laboratory Science (MLS). This Functional Program is limited to addressing the existing and projected space needs of the Department within the CSB Backfill project. It does not address the Department's spaces in other University or AHS facilities.

The following parameters and assumptions apply to the LMP Functional Program for the CSB Backfill:

- For purposes of the CSB Backfill Functional Program & Stacking Plan it is assumed that the Department of Laboratory Medicine & Pathology will largely remain in its current spaces.
- Generally, the current functional uses of space are not expected to change substantially in the near future. This includes the continued use of wet lab space on both the 10<sup>th</sup> floor and Basement and the provision of undergraduate teaching labs in the Basement.
- Further to the previous point, one of the overall parameters for the CSB Backfill is to not increase the amount of wet lab space in the building beyond what is already there. However, the backfill project may allow the opportunity to provide space for non-wet lab expansion in order to decongest the overcrowded lab conditions that currently exist, for example, on the 10<sup>th</sup> floor.
- The Division of Medical Laboratory Science administrative offices that were formerly located in the CSB Basement space have permanently relocated to the ECHA.

**6.2 ACADEMIC NARRATIVE** (encompasses the entire LMP Department)

The Department of Laboratory Medicine and Pathology, which is affiliated with Alberta Health Services, consists of seven Divisions:

- Division of Analytical and Environmental Toxicology
- Division of Medical Laboratory Science
- Division of Anatomical Pathology
- Division of Hematological Pathology
- Division of Medical Biochemistry
- Division of Medical Microbiology
- Division of Molecular Pathology

The Divisions of Analytical and Environmental Toxicology and Medical Laboratory Science are most heavily involved in academic activities; the others tend to have greater involvement in the provision of clinical laboratory services through AHS and in partnership with the diagnostic laboratories.

The Department of Laboratory Medicine and Pathology provides the following academic programs:

- A one plus three year undergraduate program in Medical Laboratory Science with a total of 85 students, i.e. approximately 29 in each of Phases 1, 2 and 3 (students enter the program in their 2<sup>nd</sup> year after one year of pre-professional studies elsewhere). Note: Phases 1, 2 and 3 are also referred to by some as 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> years.
- Graduate Studies program with approximately 58 students and 13 postdoctoral fellows.

## 6.0 FOMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY

- Three residency training programs - in General Pathology, Anatomical Pathology and Hematological Pathology.
- Participation in undergraduate medical and dental education and teaching in Pharmacy, Nursing, Rehabilitation Medicine and Science.

The Department of Laboratory Medicine and Pathology provides clinical laboratory diagnostic and consultative services working with patients and doctors throughout the Edmonton and Northern Alberta Zones. In addition to its significant presence on the UAH-WMC site, the Department is affiliated with the Royal Alexandra Hospital, the Misericordia and Grey Nuns Community Hospitals, and the Cross Cancer Institute.

The Department of Laboratory Medicine and Pathology is involved in both basic science and clinical research, including involvement in collaborative research projects with other Departments, Divisions and Faculties. Some of the current major areas of research across the LMP Department include analytical and environmental toxicology, transplantation and immunology, molecular mechanisms in cancer and lymphoproliferative disorders, cryobiology and tissue preservation.

**6.3 FACULTY, STAFF & STUDENT NUMBERS**
**Table 6-1 - Summary of Faculty, Staff & Student Numbers - CSB Only**

|   | 2012/13          | 2017/18          |
|---|------------------|------------------|
| <b>Division of Analytical &amp; Environmental Toxicology in the CSB</b>   |                  |                  |
| • F-T Faculty   | 4                | 5                |
| • P-T Faculty - Adjunct Professors, Trust Research Assoc, Visiting Acad   | ~10              | ~11              |
| • APO & Administrative Support  | 2                | 3                |
| • Research Staff <sup>1</sup> , incl Technical staff  | ~4               | ~5               |
| • PDF's   | 8                | 8-11             |
| • Graduate Students (AET & Chemistry)   | <u>28</u>        | <u>30-40</u>     |
| <b>Subtotal</b>   | <b>~56</b>       | <b>~62-75</b>    |
| <b>Other LMP Divisions Using Space in the CSB</b>   |                  |                  |
| • F-T Faculty <sup>1</sup>  | [3]              | [4]              |
| • Research Staff <sup>2</sup> , incl Technical staff  | 2.5              | 3.5              |
| • Graduate Students   | 7-8              | 12-13            |
| • Undergraduate Students <sup>3</sup>   | <u>40</u>        | <u>40</u>        |
| <b>Subtotal</b>   | <b>49.5-50.5</b> | <b>55.5-56.5</b> |
| Table Notes:  |                  |                  |
| 1. Faculty, whose offices are based elsewhere such as in the ECHA, will continue to use the CSB basement lab space for teaching and research. |                  |                  |
| 2. In addition, there are typically 2-3 summer students & varying numbers of graduate students involved in research activities.               |                  |                  |
| 3. Includes 30 students in the Phase 1 year lab and 10 students in the Phase 3 year lab.  |                  |                  |

## 6.0 FoMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY

**6.4 ENROLLMENT NUMBERS & TRENDS****6.4.1 Undergraduate Students**

Over the next five years the number of undergraduate students in the MLS program is expected to remain at a total of 85 students (it recently increased). Therefore, the current number of 30 student stations in the Phase 1 year lab in the CSB will continue to suffice.

**6.4.2 Graduate Students**

Over the next five years the number of graduate students is expected to increase as indicated in Table 6-1. It is assumed that these additional students will be accommodated in the PI's research labs and in shared touch down workstations as identified in the accompanying Detailed Space Table.

**6.5 CURRENT FACILITIES - FUNCTIONAL USES**

The Department of Laboratory Medicine & Pathology utilizes the CSB facilities for the following specific programs and functions:

- *CSB 10<sup>th</sup> Floor* - is the home of the Division of Analytical and Environmental Toxicology where it occupies 791.4 net assignable square metres<sup>2</sup>, i.e. the entire floor. It presently accommodates a maximum total of approximately 57 persons including 5 fulltime faculty, up to about 10 part-time faculty, 12 postdoctoral fellows and research staff, 2 administrative staff, and up to about 28 graduate students. The facilities include:
  - Divisional faculty and administrative offices.
  - PDF and graduate student workstations and study space.
  - A multipurpose conference/seminar/classroom (Room 10-120), which is reported to be well utilized by the Division but also open for other FoMD departments to book.
  - The main AET Research Lab (Room 10-110, etc.), which is a number of interconnected spaces that occupy the entire west wing and in total comprise about 36% of the 10<sup>th</sup> floor area.
  - A relatively small Cell Research Lab (Room 10-130).
  - Other shared support spaces.
- *CSB Basement* - accommodates teaching space for the LMP Division of Medical Laboratory Science, together with 3 research labs being utilized by LMP faculty. The LMP space occupies a total of 1,166.1 net assignable square metres and the functions include:
  - 9 graduate student workstations.
  - Phase 1 year teaching lab (30-32 stations) for the MLS program for 5 different labs in chemistry, microbiology, hematology, histology, and transfusion science (Room B-136).
  - Phase 3 year teaching lab (10 stations) for the MLS program for molecular biology (Room B-108).
  - Phase 1 year teaching lab (6 stations) for the MLS program for transfusion medicine (Room B120).
  - Phase 1 and Phase 3 years teaching lab for the MLS program for histology (Room B-118)
  - *M. Keelan's research lab* - microbiology and molecular biology including specimen analysis, with 1-2 graduate students and typically 2 summer students (Room B-107).
  - *C. Sergi's research lab* - molecular biology, with 6 graduate students (B-105).

---

<sup>2</sup> The existing area includes a portion of internal circulation space (identified in the Detailed Space Table) and therefore is a combination of net assignable and component gross square metres.

## 6.0 FOMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY

- *F. Bamforth's research labs* - ancient DNA research with 1 graduate student plus summer students (Clean Room B-148, Dirty Room B-145).
- Various shared lab support spaces including preparation room, tissue culture room, cold/freezer room, apparatus wash/autoclave room, glass washing room, etc.
- 30 seat<sup>3</sup> classroom (Room B-114).
- Various student and staff support facilities.

## 6.6 PROJECTED FACILITY REQUIREMENTS

The following outlines the space requirements of the Department of Laboratory Medicine & Pathology in the CSB according to the major space categories as outlined in the OUA Space Manual.

### 6.6.1 Instruction - Classroom, Lecture and Seminar Space

#### *10<sup>th</sup> Floor*

- Room 10-120, that serves as a multipurpose seminar/conference room for up to approximately 30 persons, is adequate to serve future needs.

#### *Basement*

- Room B-114 is a 30-seat<sup>3</sup> classroom that is used mainly for pre-lab classes, not for formal scheduled lecture courses that now occur in the ECHA. It is adequate to serve future needs.

### 6.6.2 Instruction - Laboratory Space

#### *10<sup>th</sup> Floor*

- There is no requirement for instructional laboratory space on the 10<sup>th</sup> floor.

#### *Basement*

- There are 4 instructional laboratories in the CSB Basement that serve the Phase 1 and Phase 3 years of the MLS program, i.e. B-108, B-118, B-120 and B-136.
- While the instructional labs are adequate in size and function to meet the teaching requirements of the program (at least until 2017/18), they date back to 1969 and are considered outdated in terms of their design, e.g. lack of ventilation (room B-136 can get quite hot) - see footnote<sup>4</sup>.
- The LMP Department's longer term goal is to relocate its labs out of the CSB Basement if and when appropriate replacement space is made available. However, if this does not occur, the alternative will be to consider updating and upgrading the existing Basement labs.
- There are a number of laboratory service spaces in the Basement that support both the research and instructional labs including: apparatus and glass washing areas, tissue culture lab, freezer and refrigerator storage, other storage areas, and a shared locker/change room. These spaces are considered adequate to support the current and anticipated activities occurring in the Basement labs.
- Some of the LMP Basement lab spaces also provide shared support to the AET teaching and research activities on the 10<sup>th</sup> floor, i.e. rooms B-107, B-114 and B-121.

<sup>3</sup> The Office of the Registrar currently has the capacity of B-114 as 40 seats. However, its size realistically accommodates no more than approximately 30 seats and its reported capacity should be adjusted accordingly.

<sup>4</sup> The scope of the CSB Backfill Functional Program did not include an in-depth assessment of the existing facility conditions or a determination of the renovations that may be required.

## 6.0 FOMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY

**6.6.3 Research - Laboratory Space***10<sup>th</sup> Floor*

- The main AET Research Lab (Room 10-110, etc.) comprises 8 interconnected spaces that total about 286 NSM. This is a heavily serviced lab that has been internally adapted over the years to meet its functional needs, e.g. additional electrical services, wall-mounted gas lines, drain pans for above-ceiling AC units, bench and equipment installations, etc.
- It serves primarily as a research lab supporting the research work of 4-5 PI's in the AET Division, with up to as many as 44 researchers and graduate students working in the lab (the number typically increases during the summer). It is also used for teaching graduate students.
- The lab is a combination of wet benches and floor and bench mounted equipment (e.g. numerous mass spectrometers); biosafety cabinets, fume hoods and exhaust canopies; numerous fridges and freezers of various sizes and controlled temperatures; numerous dewers (e.g. for gases such as argon, methane, oxygen, nitrogen); and many other installations.
- As a general observation the AET Research Lab is overcrowded. One option that may provide some interim decongestion of the lab could be to move equipment such as fridges and freezers out of the prime lab working areas, which may require the conversion of offices into equipment rooms. Note: a separate, in-depth assessment and planning study is required to determine the longer term plan for this research group and the detailed requirements of these research labs.
- The Cell Research Lab (Room 10-130) is undersized for its current functions, which include wet bench work and a biosafety cabinet. The existing area is 12.8 NSM. One option is to increase the size of the lab by expanding into adjacent rooms 10-126B (11.4 NSM) and 10-126A (11.8 NSM).

*Basement*

- The Basement research labs are also outdated in their design and have similar concerns to the instructional labs. The research labs and their PI's include:
  - *M. Keelan's research lab (Room B-107)* - is a relatively large serviced lab that accommodates research in microbiology and molecular biology. In terms of its size and function, it is understood to be adequate for purposes of this Functional Program.
  - *C. Sergi's research lab (B-105)* - is a much smaller serviced lab that accommodates research in molecular biology. It is expected to be inadequate to accommodate the anticipated growth in his number of graduate students involved in research.
  - *F. Bamforth's research labs (B-145, B-148)* - are 2 separate serviced labs that accommodate research into ancient DNA. One is a 'clean' room in which fully gowned staff extract DNA samples that need to avoid any contamination. The other is a post-analysis 'dirty' room.

**6.6.4 Academic Offices and Related Services Space***10<sup>th</sup> Floor*

- The 10<sup>th</sup> floor contains 12-13 'academic offices' that meet a variety of the Division's needs. The F-T Faculty occupy 5 offices (i.e. S. Hruday, C. Le, X-F. Li, J. Martin and H. Zhang) while the remaining majority of offices contain multiple workstations used by adjunct professors, trust research associates, visiting academics and researchers, and postdoctoral fellows.
- There are 4 rooms that contain multiple workstations for the graduate students, including rooms 10-111 and 10-111A that together have over 20 desks, as well as rooms 10-134 and 10-134A that are also relatively large spaces. A number of the graduate students also do research work in the AET Research Lab.

**6.0 FOMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY**

- The other academic, administrative and related services spaces are identified in the accompanying Detailed Space Table for the 10<sup>th</sup> floor.

*Basement*

- Other academic and related service spaces include the graduate student workstations and the faculty-staff commons/meeting space that now supports all users in the Basement.

**6.6.5 Student Community and Engagement Space**
*Basement*

- Room B-103 is a relatively large (i.e. 78.0 NSM) student commons space that supports the undergraduate and graduate students utilizing the instructional and research labs in the Basement. The room includes kitchenette facilities and also serves as study space.

The existing, the projected space requirements for 2017/18, and the recommended Functional Program space areas for the FoMD Department of Laboratory Medicine & Pathology in the CSB are summarized in the following table. For a detailed breakdown of these areas see the accompanying Detailed Space Tables.

**Table 6-2 - Summary of CSB Space Projections by Space Category (in net assignable square metres)**

|   |  | Existing<br>Sq M      | Projected<br>Requirements<br>2017/18<br>Sq M | Recommended<br>Functional<br>Program<br>Sq M |
|---|--|-----------------------|--|--|
| <b>Department of Laboratory Medicine &amp; Pathology - 10<sup>th</sup> Floor<sup>1</sup></b>  |  |                       |  |  |
| 1.1   | Instruction - Classroom, Lecture & Seminar Space | 56.7                  | 60.0   | 56.7   |
| 3.1&3.4   | Wet Lab Research Space & Support                 | 299.2                 | 322.4  | 322.4  |
| 4.1-4.6   | Academic Offices & Related Space                 | <u>435.5</u>          | <u>364.3</u>                                 | <u>421.3</u>                                 |
|   | <b>Subtotal Area Requirements<sup>1</sup></b>    | <b>791.4</b>          | <b>746.7</b>                                 | <b>800.4</b>                                 |
| <b>Department of Laboratory Medicine &amp; Pathology - Basement</b>   |  |                       |  |  |
| 1.1   | Instruction - Classroom, Lecture & Seminar Space | 45.7                  | 51.0   | 45.7   |
| 2.1-2.3   | Instruction - Laboratory, Shop & Studio Space    | 720.0                 | 720.0  | 720.0  |
| 3.1&3.4   | Wet Lab Research Space & Support                 | 255.8                 | 335.8  | 335.8  |
| 4.1-4.6   | Academic Offices & Related Space                 | 66.6                  | 64.7   | 66.6   |
| 13.   | Student Community & Engagement Space             | <u>78.0</u>           | <u>78.0</u>                                  | <u>78.0</u>                                  |
|   | <b>Subtotal Area Requirements</b>                | <b><u>1,166.1</u></b> | <b><u>1,249.5</u></b>                        | <b><u>1,246.1</u></b>                        |
|   | <b>Total Area Requirements</b>                   | <b>1,957.5</b>        | <b>1,996.2</b>                               | <b>2,046.5</b>                               |
| Table Notes:  |  |                       |  |  |
| 1. The existing and programmed space on the 10 <sup>th</sup> floor includes a portion of internal circulation that is normally accounted for in the component gross-up allowance, which in the CSB can range from approximately 15-25%. Regardless, the programmed space must fit within the available space on the 10th floor. |  |                       |  |  |

## 6.0 FoMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY

**6.7 FUNCTIONAL RELATIONSHIPS**

For purposes of this Functional Program, it is assumed that the Department of Laboratory Medicine & Pathology spaces and functions will remain in their current locations for the next 5 years on the Basement and 10<sup>th</sup> floors, and that therefore the existing functional relationships will be retained.

## 6.0 FoMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY

**6.8 Detailed Space Table - FoMD Department of Laboratory Medicine and Pathology, 10<sup>th</sup> Floor**

| SPACE CATEGORY  |               |                    |                             | Current Location<br>Bldg Room No. |          | Func Prog Space (Net Sq M) <sup>1</sup> |                            |                           | Comments / Space Attributes <sup>2</sup>  |
|---|---------------|--------------------|-----------------------------|-----------------------------------|----------|---|----------------------------|---------------------------|---|
| Space Use / Function  | Position Type | FoMD Planning Code | Person or PI/Group Name     |                                   |          | Existing                                | Projected Req'm'ts 2017/18 | Recomm Functional Program |   |
| <b>1. INSTRUCTION - CLASSROOM, LECTURE &amp; SEMINAR SPACE</b>  |               |                    |                             |                                   |          |   |                            |                           |   |
| <b>1.1 Instruction - Classroom, Lecture &amp; Seminar Space</b> |               |                    |                             |                                   |          |   |                            |                           |   |
| Seminar/Conference Room   | -             | -                  | -                           | CSB                               | 10-120   | 56.7                                    | 60.0                       | 56.7                      | 24-30 persons @ 2.0-2.5 NSM/seat; assume existing space remains   |
| <b>Subtotal</b>   |               |                    |                             |                                   |          | <b>56.7</b>                             | <b>60.0</b>                | <b>56.7</b>               |   |
| <b>SUBTOTAL: 1. CLASSROOM, LECTURE &amp; SEMINAR SPACE</b>      |               |                    |                             |                                   |          | <b>56.7</b>                             | <b>60.0</b>                | <b>56.7</b>               |   |
| <b>3. RESEARCH SPACE</b>  |               |                    |                             |                                   |          |   |                            |                           |   |
| <b>3.1 Research - Serviced / Wet Laboratory Space</b>           |               |                    |                             |                                   |          |   |                            |                           |   |
| AET Research Lab  |               |                    | PI's: Le, Li, Martin, Zhang |                                   |          |   |                            |                           |   |
| AET Research Lab  | -             | -                  | "                           | CSB                               | 10-110   | 14.3                                    | -                          | 14.3                      | Assume existing space remains   |
| AET Research Lab  | -             | -                  | "                           | CSB                               | 10-110A  | 29.1                                    | -                          | 29.1                      | "   |
| AET Research Lab  | -             | -                  | "                           | CSB                               | 10-110B  | 54.8                                    | -                          | 54.8                      | "   |
| AET Research Lab  | -             | -                  | "                           | CSB                               | 10-110B1 | 41.7                                    | -                          | 41.7                      | "   |
| AET Research Lab  | -             | -                  | "                           | CSB                               | 10-110C  | 17.4                                    | -                          | 17.4                      | "   |
| AET Research Lab  | -             | -                  | "                           | CSB                               | 10-110D  | 16.8                                    | -                          | 16.8                      | "   |
| AET Research Lab  | -             | -                  | "                           | CSB                               | 10-110E  | 92.7                                    | -                          | 92.7                      | "   |
| AET Research Lab  | -             | -                  | "                           | CSB                               | 10-110F  | 19.6                                    | -                          | 19.6                      | "   |
| AET Cell Research   | -             | -                  | "                           | CSB                               | 10-130   | 12.8                                    | -                          | 36.0                      | Potential expansion into 10-126A&B to increase the existing size  |
| <b>Subtotal</b>   |               |                    |                             |                                   |          | <b>299.2</b>                            | <b>322.4</b>               | <b>322.4</b>              |   |
| <b>3.2 Research - Dry Laboratory Space</b>                      |               |                    |                             |                                   |          |   |                            |                           |   |
| None identified   |               |                    |                             |                                   |          |   |                            |                           |   |
| <b>Subtotal</b>   |               |                    |                             |                                   |          | <b>0.0</b>                              | <b>0.0</b>                 | <b>0.0</b>                |   |
| <b>3.3 Research - Clinical Trials Space</b>                     |               |                    |                             |                                   |          |   |                            |                           |   |
| None identified   |               |                    |                             |                                   |          |   |                            |                           |   |
| <b>Subtotal</b>   |               |                    |                             |                                   |          | <b>0.0</b>                              | <b>0.0</b>                 | <b>0.0</b>                |   |
| <b>3.4 Research - Laboratory Support Space</b>                  |               |                    |                             |                                   |          |   |                            |                           |   |
| AET Research Lab, Decongestion Space                            | -             | -                  | -                           | -                                 | -        | -                                       | -                          | -                         | Available expansion space on the 10th floor appears to be very limited; see LMP Basement space table for proposed 80.0 NSM allocation |
| <b>Subtotal</b>   |               |                    |                             |                                   |          | <b>0.0</b>                              | <b>0.0</b>                 | <b>0.0</b>                |   |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>                              |               |                    |                             |                                   |          | <b>299.2</b>                            | <b>322.4</b>               | <b>322.4</b>              |   |



## 6.0 FOMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY

**6.8 Detailed Space Table - FoMD Department of Laboratory Medicine and Pathology, 10<sup>th</sup> Floor (cont'd)**

| SPACE CATEGORY  |                      |                    |                         | Current Location<br>Bldg Room No. |         | Func Prog Space (Net Sq M) <sup>1</sup> |                            |                           | Comments / Space Attributes <sup>2</sup> |
|---|----------------------|--------------------|-------------------------|-----------------------------------|---------|---|----------------------------|---------------------------|--|
| Space Use / Function                                    | Position Type        | FoMD Planning Code | Person or PI/Group Name |                                   |         | Existing                                | Projected Req'm'ts 2017/18 | Recomm Functional Program |  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                      |                    |                         |                                   |         |   |                            |                           |  |
| <b>4.1 Division Administration</b>                      |                      |                    |                         |                                   |         |   |                            |                           |  |
| Workstation   | Admin Support        | SUP-FT             | Carastathis, K          | CSB                               | 10-102  | 32.0                                    | 6.0                        | 6.0                       | F-T admin support allocation 6.0 NSM     |
| Workstation   | Admin Support        |                    | Hrudey, L               | CSB                               | 10-126H | -                                       | 6.0                        | 6.0                       | "  |
| Workstation   | Business Manager     | SUP-FT             | Sergy, D                | CSB                               | 10-102B | 9.6                                     | 9.0                        | 9.0                       | Increased allocation of 9.0 NSM          |
| <b>Subtotal</b>   |                      |                    |                         |                                   |         | <b>41.6</b>                             | <b>21.0</b>                | <b>21.0</b>               |  |
| <b>4.2 Faculty, Full-time</b>                           |                      |                    |                         |                                   |         |   |                            |                           |  |
| Office  | Adjunct Professor    | C1.4               | Hrudey, S               | CSB                               | 10-126H | 10.7                                    | 3.0                        | 10.7                      | Assume existing space remains            |
| Office  | Professor 3          | A1.1               | Le, C                   | CSB                               | 10-102E | 23.6                                    | 12.0                       | 23.6                      | "  |
| Office  | Professor 2          | A1.1               | Li, X-F                 | CSB                               | 10-102D | 19.0                                    | 12.0                       | 19.0                      | "  |
| Office  | Associate Professor  | A1.1               | Martin, J               | CSB                               | 10-102C | 15.5                                    | 12.0                       | 15.5                      | "  |
| Office  | Associate Professor  | A1.1               | Zhang, H                | CSB                               | 10-102A | 14.8                                    | 12.0                       | 14.8                      | "  |
| <b>Subtotal</b>   |                      |                    |                         |                                   |         | <b>83.6</b>                             | <b>51.0</b>                | <b>83.6</b>               |  |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>      |                      |                    |                         |                                   |         |   |                            |                           |  |
| Workstation   | Visiting Academic    |                    | Fei                     | CSB                               | 10-125  | 12.4                                    | 6.0                        | 6.0                       | F-T CSC self-funded academic             |
| Workstation   | Visiting Academic    |                    | Kai                     | CSB                               | 10-125  | -                                       | 6.0                        | 6.0                       | F-T visiting academic from China         |
| Workstation   | Visiting Academic    |                    | Pending                 | CSB                               | 10-126D | -                                       | 6.0                        | 6.0                       | Visiting professor pending 2012          |
| T-D Workstation   | Adjunct Professor    | C1.4               | Gabos, S                | CSB                               | 10-126F | 13.3                                    | 3.0                        | 3.0                       |  |
| T-D Workstation   | Adjunct Professor    | C1.4               | Hrudey, S               | CSB                               | 10-126H | -                                       | 3.0                        | 3.0                       | Exist'g NSM incl above in shared office  |
| T-D Workstation   | Adjunct Professor    |                    | Jiang, T                | -                                 | -       | -                                       | 3.0                        | 3.0                       | Pending appointment                      |
| T-D Workstation   | Adjunct Professor    | C1.4               | Lai, M                  | CSB                               | 10-126F | -                                       | 3.0                        | 3.0                       |  |
| T-D Workstation   | Adjunct Professor    | C1.4               | Zhang, X-E              | CSB                               | 10-126D | 16.3                                    | 3.0                        | 3.0                       |  |
| <b>Subtotal</b>   |                      |                    |                         |                                   |         | <b>42.0</b>                             | <b>33.0</b>                | <b>33.0</b>               |  |
| <b>4.4 Research Staff / Other Academic</b>              |                      |                    |                         |                                   |         |   |                            |                           |  |
| Office  | Trust Research Assoc | A3.2               | Dos Santos, P           | CSB                               | 10-129  | 12.9                                    | 6.0                        | 12.9                      | Assume existing space remains            |
| Office  | Trust Research Assoc | A3.2               | Liu, Y                  | CSB                               | 10-127  | 12.9                                    | 6.0                        | 12.9                      | "  |
| Office  | Trust Research Assoc | A3.2               | Lu, X                   | CSB                               | 10-133  | 12.9                                    | 6.0                        | 12.9                      | "  |
| Office  | Trust Research Assoc | A3.2               | Shen, S                 | CSB                               | 10-127  | -                                       | 6.0                        | 6.0                       |  |
| Workstation   | Postdoctoral Fellow  | PDF                | Boyd, J                 | CSB                               | 10-127  | -                                       | 6.0                        | 6.0                       | Exist'g NSM incl above in shared office  |
| Workstation   | Postdoctoral Fellow  | PDF                | Huang, R                | CSB                               | 10-135  | 14.1                                    | 6.0                        | 6.0                       | 4 workstations located in 10-135         |
| Workstation   | Postdoctoral Fellow  | PDF                | Qian, Y                 | CSB                               | 10-131  | 12.9                                    | 6.0                        | 6.0                       | 3 workstations located in 10-131         |
| Workstation   | Postdoctoral Fellow  | PDF                | Wang, Z                 | CSB                               | 10-135  | -                                       | 6.0                        | 6.0                       | "  |
| Workstation   | Postdoctoral Fellow  | PDF                | Wu, M                   | CSB                               | 10-131  | -                                       | 6.0                        | 6.0                       | "  |
| Workstation   | Postdoctoral Fellow  | PDF                | Yan, X                  | CSB                               | 10-135  | -                                       | 6.0                        | 6.0                       | "  |
| Workstation   | Postdoctoral Fellow  | PDF                | Yang, L                 | CSB                               | 10-135  | -                                       | 6.0                        | 6.0                       | "  |
| Workstation   | Postdoctoral Fellow  | PDF                | Zhang, Q                | CSB                               | 10-131  | -                                       | 6.0                        | 6.0                       | "  |

**6.0 FOMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY**
**6.8 Detailed Space Table - FoMD Department of Laboratory Medicine and Pathology, 10<sup>th</sup> Floor (cont'd)**

| SPACE CATEGORY                              |                     |                    |                         | Current Location |         | Func Prog Space (Net Sq M) <sup>1</sup> |                            |                           | Comments / Space Attributes <sup>2</sup>                               |
|---|---------------------|--------------------|-------------------------|------------------|---------|---|----------------------------|---------------------------|--|
| Space Use / Function                        | Position Type       | FoMD Planning Code | Person or PI/Group Name |                  |         | Existing                                | Projected Req'm'ts 2017/18 | Recomm Functional Program |  |
| Open Workstation                            | -                   | -                  | -                       | CSB              | 10-126E | 8.8                                     | -                          | -                         | Exist'g space to accomm above  |
| Open Workstation                            | -                   | -                  | -                       | CSB              | 10-126G | 8.5                                     | -                          | -                         | "  |
| Workstation                                 | Visiting Researcher | T-RAR              | Hangbiao, J             | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | Research award recipient   |
| T-D Workstation                             | Visiting Researcher |                    | 3 Pending               | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | Assume 1 shared T-D workstation  |
| T-D Workstation                             | Additional PDF's    |                    | 5 Pending               |                  |         | -                                       | 30.0                       | 30.0                      | Accomm in 10-111, 10-127, 10-129, 10-133 & 10-134 & the research lab   |
| <b>Subtotal</b>                             |                     |                    |                         |                  |         | <b>83.0</b>                             | <b>108.0</b>               | <b>128.7</b>              |  |
| <b>4.5 Trainees &amp; Graduate Students</b> |                     |                    |                         |                  |         |   |                            |                           |  |
| Workstation                                 | Graduate Student    | GRAD               | Beesoon, S              | CSB              | 10-129  | -                                       | 3.0                        | 3.0                       | Exist'g NSM incl above in shared office                                |
| Workstation                                 | Trainee             | T-RAR              | Chen, J                 | CSB              | 10-111  | 50.1                                    | 3.0                        | 3.0                       | Approx 20 wkstns located in 10-111; grad students also accomm in labs  |
| Workstation                                 | Graduate Student    |                    | Lin, Y                  | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    | GRAD               | Liu, J                  | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    | GRAD               | Liu, Q                  | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    | GRAD               | McGuigan, C             | CSB              | 10-134  | 24.6                                    | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    |                    | Paliwoda, R             | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    |                    | Popowich, A             | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    |                    | Reid, M                 | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    |                    | Sun, X                  | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    |                    | Vatanpour, S            | CSB              |         | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    | GRAD               | Wang, C                 | CSB              | 10-134  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    | GRAD               | Zhang, Q                | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    | GRAD               | Liu, Y                  | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    | GRAD               | Moe, B                  | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Trainee             | T-RAR              | Peng, H                 | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    | GRAD               | Rearidon, A             | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    | GRAD               | Wagner, M               | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    | GRAD               | Wang, W                 | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Addn'l Grad Stud    |                    | 3 Pending               | CSB              | 134     | -                                       | 9.0                        | 9.0                       | "  |
| Workstation                                 | Other Grad Stud:    |                    |                         |                  |         |   |                            |                           | Faculty of Science Graduate Chemistry Students supervised by Dr. C. Le |
| Workstation                                 | Graduate Student    |                    | Cao, C                  | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    |                    | Chen, L                 | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    |                    | Dever, B                | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    |                    | Geisel, J               | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    |                    | Li, F                   | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    |                    | Li, J                   | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    |                    | Li, X                   | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |
| Workstation                                 | Graduate Student    |                    | Yang, Z                 | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | "  |

**6.0 FoMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY**
**6.8 Detailed Space Table - FoMD Department of Laboratory Medicine and Pathology, 10<sup>th</sup> Floor (cont'd)**

| SPACE CATEGORY   |                     |                    |                         | Current Location |         | Func Prog Space (Net Sq M) <sup>1</sup> |                            |                           | Comments / Space Attributes <sup>2</sup>                     |
|--|---------------------|--------------------|-------------------------|------------------|---------|---|----------------------------|---------------------------|--|
| Space Use / Function   | Position Type       | FoMD Planning Code | Person or PI/Group Name |                  |         | Existing                                | Projected Req'm'ts 2017/18 | Recomm Functional Program |  |
| Grad Student Wkstns  | -                   | -                  | -                       | CSB              | 10-111A | 11.7                                    | -                          | -                         | Exist'g space to accomm above                                |
| Grad Student Wkstns  | -                   | -                  | -                       | CSB              | 10-134A | 13.7                                    | -                          | -                         | "  |
| T-D Workstation  | Visiting Researcher |                    | Wu, J                   | CSB              | 10-111  | -                                       | 3.0                        | 3.0                       | F-T CSC self-funded student                                  |
| T-D Workstation  | AHS & Summer Stud   |                    | 7 in total              | CSB              | 126A    | 11.8                                    | -                          | -                         | Potential re-assignment of this space for cell lab expansion |
| <b>Subtotal</b>  |                     |                    |                         |                  |         | <b>111.9</b>                            | <b>93.0</b>                | <b>93.0</b>               |  |
| <b>4.6 Division Support Space</b>                                      |                     |                    |                         |                  |         |   |                            |                           |  |
| Reception/Waiting  |                     |                    |                         | CSB              | 10-102  | -                                       | -                          | -                         | Accommodated in 10-102 above                                 |
| Staff Commons/ Meeting Area  |                     |                    |                         | CSB              | 10-107  | 21.7                                    | 18.0                       | 21.7                      | Assume existing space remains                                |
| Storage, Files   |                     |                    |                         | CSB              | 10-126J | 6.0                                     | 6.0                        | 6.0                       | "  |
| Copy/Work Area   |                     |                    |                         | CSB              | 10-110G | 6.4                                     | 6.4                        | 6.4                       | "  |
| Meeting Room   |                     |                    |                         | CSB              | 10-126B | 11.4                                    | -                          | -                         | Potential re-assignment of this space for cell lab expansion |
| Internal Circulation   |                     |                    |                         | CSB              | 10-126  | 14.5                                    | 14.5                       | 14.5                      | Assume existing space remains                                |
| Internal Circulation   |                     |                    |                         | CSB              | 10-126Z | 13.4                                    | 13.4                       | 13.4                      | Assume existing space remains                                |
| <b>Subtotal</b>  |                     |                    |                         |                  |         | <b>73.4</b>                             | <b>58.3</b>                | <b>62.0</b>               |  |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>      |                     |                    |                         |                  |         | <b>435.5</b>                            | <b>364.3</b>               | <b>421.3</b>              |  |
| <b>TOTAL: DEP'T OF LABORATORY MEDICINE &amp; PATHOLOGY, 10th Floor</b> |                     |                    |                         |                  |         | <b>791.4</b>                            | <b>746.7</b>               | <b>800.4</b>              | <b>NSM<sup>3</sup></b>                                       |

**Total LMP Space on the 10th Floor of CSB - NSM<sup>3</sup>**
**800.4** Note: the programmed space must fit within the available space on the 10th floor

**Notes:**

- All areas (sqm) used in this document are net assignable square metres unless otherwise indicated.
- Since the LMP programmed space will be located in an existing building, the recommended Functional Program areas may need to be adjusted to accommodate existing conditions such as the structural grid, wall and window locations, etc.
- Existing and programmed areas include some existing internal circulation.

## 6.0 FoMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY

**6.8 Detailed Space Table - FoMD Department of Laboratory Medicine and Pathology, Basement**

| SPACE CATEGORY  |               |                    |                         | Current Location<br>Bldg Room No. | Func Prog Space (Net Sq M) <sup>1</sup> |                          |                           | Comments / Space Attributes <sup>2</sup>   |
|---|---------------|--------------------|-------------------------|-----------------------------------|---|--------------------------|---------------------------|--|
| Space Use / Function  | Position Type | FoMD Planning Code | Person or PI/Group Name |                                   | Existing                                | Projected Reqmts 2017/18 | Recomm Functional Program |  |
| <b>1. INSTRUCTION - CLASSROOM, LECTURE &amp; SEMINAR SPACE</b>  |               |                    |                         |                                   |   |                          |                           |  |
| <b>1.1 Instruction - Classroom, Lecture &amp; Seminar Space</b> |               |                    |                         |                                   |   |                          |                           |  |
| Classroom   | -             | -                  | -                       | CSB B-114                         | 45.7                                    | 51.0                     | 45.7                      | 30 seats @ 1.7-2.2 NSM/seat; assume existing space remains                                     |
| <b>Subtotal</b>   |               |                    |                         |                                   | <b>45.7</b>                             | <b>51.0</b>              | <b>45.7</b>               |  |
| <b>SUBTOTAL: 1. CLASSROOM, LECTURE &amp; SEMINAR SPACE</b>      |               |                    |                         |                                   | <b>45.7</b>                             | <b>51.0</b>              | <b>45.7</b>               |  |
| <b>2. INSTRUCTION - LABORATORY SPACE</b>                        |               |                    |                         |                                   |   |                          |                           |  |
| <b>2.1 Instruction - Serviced / Wet Laboratory Space</b>        |               |                    |                         |                                   |   |                          |                           |  |
| Laboratory - Phase 3 Year Undergrad MLS                         | -             | -                  | -                       | CSB B-108                         | 94.7                                    | 94.7                     | 94.7                      | 10 station wet lab for molecular biology   |
| Laboratory - Phases 1 & 3 Years Undergrad MLS                   | -             | -                  | -                       | CSB B-118                         | 76.9                                    | 76.9                     | 76.9                      | Wet lab for histology  |
| Laboratory - Phase 1 Year Undergrad MLS                         | -             | -                  | -                       | CSB B-120                         | 32.3                                    | 32.3                     | 32.3                      | 6 station wet lab for transfusion medicine   |
| Laboratory - Phase 1 Year Undergrad MLS                         | -             | -                  | -                       | CSB B-136                         | 228.4                                   | 228.4                    | 228.4                     | 30-32 station wet lab for chemistry, microbiology, hematology, histology & transfusion science |
| <b>Subtotal</b>   |               |                    |                         |                                   | <b>432.3</b>                            | <b>432.3</b>             | <b>432.3</b>              | <i>Assume all existing spaces remain</i>   |
| <b>2.2 Instruction - Dry Laboratory Space</b>                   |               |                    |                         |                                   |   |                          |                           |  |
| None identified   |               |                    |                         |                                   |   |                          |                           |  |
| <b>Subtotal</b>   |               |                    |                         |                                   | <b>0.0</b>                              | <b>0.0</b>               | <b>0.0</b>                |  |
| <b>2.3 Instruction - Laboratory Support Space</b>               |               |                    |                         |                                   |   |                          |                           |  |
| Apparatus Wash  | -             | -                  | -                       | CSB B-101/A                       | 107.6                                   | 107.6                    | 107.6                     | Incl autoclave & technician workstn  |
| Storage   | -             | -                  | -                       | CSB B-104                         | 3.5                                     | 3.5                      | 3.5                       | 4 cupbds in corridor, incl chem spill kits   |
| Storage   | -             | -                  | -                       | CSB B-106                         | 15.3                                    | 15.3                     | 15.3                      |  |
| Darkroom  | -             | -                  | -                       | CSB B-108A                        | 5.1                                     | 5.1                      | 5.1                       | Located in Lab B-108   |
| Workstation   | -             | -                  | -                       | CSB B-108B                        | 4.8                                     | 4.8                      | 4.8                       | Grad workstation adjacent to lab   |
| Workstation   | -             | -                  | -                       | CSB B-108C                        | 7.6                                     | 7.6                      | 7.6                       | Grad workstations adjacent to lab  |
| Cold Room/Freezers  | -             | -                  | -                       | CSB B-121                         | 43.9                                    | 43.9                     | 43.9                      | Supports instruction & research  |
| Cultures/Incubators   | -             | -                  | -                       | CSB B-136A                        | 5.2                                     | 5.2                      | 5.2                       | Located in Lab B-136   |
| Cold Room/Freezers  | -             | -                  | -                       | CSB B-136B                        | 6.4                                     | 6.4                      | 6.4                       | Located in Lab B-136   |
| Tissue Culture  | -             | -                  | -                       | CSB B-144                         | 21.0                                    | 21.0                     | 21.0                      | Supports instruction & research  |
| Lockers/Dressing  | -             | -                  | -                       | CSB B-191/A                       | 44.5                                    | 44.5                     | 44.5                      | Supports instr & rsrch, incl washrms   |
| Glass Washing   | -             | -                  | -                       | CSB B-127                         | 22.8                                    | 22.8                     | 22.8                      | Supports instruction & research  |
| <b>Subtotal</b>   |               |                    |                         |                                   | <b>287.7</b>                            | <b>287.7</b>             | <b>287.7</b>              |  |
| <b>SUBTOTAL: 2. INSTRUCTION - LABORATORY SPACE</b>              |               |                    |                         |                                   | <b>720.0</b>                            | <b>720.0</b>             | <b>720.0</b>              | <i>Assume all existing spaces remain</i>   |

## 6.0 FoMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY

**6.8 Detailed Space Table - FoMD Department of Laboratory Medicine and Pathology, Basement (cont'd)**

| SPACE CATEGORY  |               |                    |                         | Current Location<br>Bldg Room No. | Func Prog Space (Net Sq M) <sup>1</sup> |                            |                           | Comments / Space Attributes <sup>2</sup>  |
|---|---------------|--------------------|-------------------------|-----------------------------------|---|----------------------------|---------------------------|---|
| Space Use / Function                                    | Position Type | FoMD Planning Code | Person or PI/Group Name |                                   | Existing                                | Projected Req'm'ts 2017/18 | Recomm Functional Program |   |
| <b>3. RESEARCH SPACE</b>                                |               |                    |                         |                                   |   |                            |                           |   |
| <b>3.1 Research - Serviced / Wet Laboratory Space</b>   |               |                    |                         |                                   |   |                            |                           |   |
| Sergi Lab   | -             | -                  | PI: C. Sergi            | CSB B-105                         | 39.8                                    | 39.8                       | 39.8                      | Includes 6 graduate students  |
| Keelan Lab  | -             | -                  | PI: M. Keelan           | CSB B-107                         | 158.8                                   | 158.8                      | 158.8                     | Research in microbiology & molecular biology; 1-2 graduate students                                       |
| Bamforth Lab 1  | -             | -                  | PI: F. Bamforth         | CSB B-145                         | 17.8                                    | 17.8                       | 17.8                      | Clean room; research in ancient DNA   |
| Bamforth Lab 2  | -             | -                  | PI: F. Bamforth         | CSB B-148                         | 17.9                                    | 17.9                       | 17.9                      | Dirty room; research in ancient DNA   |
| <b>Subtotal</b>   |               |                    |                         |                                   | <b>234.3</b>                            | <b>234.3</b>               | <b>234.3</b>              | <i>Assume all existing spaces remain</i>  |
| <b>3.2 Research - Dry Laboratory Space</b>              |               |                    |                         |                                   |   |                            |                           |   |
| None identified   |               |                    |                         |                                   |   |                            |                           |   |
| <b>Subtotal</b>   |               |                    |                         |                                   | <b>0.0</b>                              | <b>0.0</b>                 | <b>0.0</b>                |   |
| <b>3.3 Research - Clinical Trials Space</b>             |               |                    |                         |                                   |   |                            |                           |   |
|   |               |                    |                         |                                   |   |                            |                           |   |
| <b>Subtotal</b>   |               |                    |                         |                                   | <b>0.0</b>                              | <b>0.0</b>                 | <b>0.0</b>                |   |
| <b>3.4 Research - Laboratory Support Space</b>          |               |                    |                         |                                   |   |                            |                           |   |
| Cold Room/Freezers                                      | -             | -                  | Keelan Lab              | CSB B-107A                        | 21.5                                    | 21.5                       | 21.5                      | Located in Lab B-107  |
| Lab Decongestion Space                                  | -             | -                  | -                       | -                                 | -                                       | 80.0                       | 80.0                      | Proposed 80.0 NSM allocation to help decongest the existing overcrowded labs on the 10th Floor & Basement |
| <b>Subtotal</b>   |               |                    |                         |                                   | <b>21.5</b>                             | <b>101.5</b>               | <b>101.5</b>              |   |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>                      |               |                    |                         |                                   | <b>255.8</b>                            | <b>335.8</b>               | <b>335.8</b>              |   |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |               |                    |                         |                                   |   |                            |                           |   |
| <b>4.1 Department Administration</b>                    |               |                    |                         |                                   |   |                            |                           |   |
| None identified   |               |                    |                         |                                   |   |                            |                           |   |
| <b>Subtotal</b>   |               |                    |                         |                                   | <b>0.0</b>                              | <b>0.0</b>                 | <b>0.0</b>                |   |
| <b>4.2 Faculty, Full-time</b>                           |               |                    |                         |                                   |   |                            |                           |   |
| None identified   |               |                    |                         |                                   |   |                            |                           |   |
| <b>Subtotal</b>   |               |                    |                         |                                   | <b>0.0</b>                              | <b>0.0</b>                 | <b>0.0</b>                |   |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>      |               |                    |                         |                                   |   |                            |                           |   |
| None identified   |               |                    |                         |                                   |   |                            |                           |   |
| <b>Subtotal</b>   |               |                    |                         |                                   | <b>0.0</b>                              | <b>0.0</b>                 | <b>0.0</b>                |   |
| <b>4.4 Research Staff / Other Academic</b>              |               |                    |                         |                                   |   |                            |                           |   |
| None identified   |               |                    |                         |                                   |   |                            |                           |   |
| <b>Subtotal</b>   |               |                    |                         |                                   | <b>0.0</b>                              | <b>0.0</b>                 | <b>0.0</b>                |   |

## 6.0 FoMD DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY

**6.8 Detailed Space Table - FoMD Department of Laboratory Medicine and Pathology, Basement (cont'd)**

| SPACE CATEGORY   |                   |                    |                         | Current Location<br>Bldg Room No. |        | Func Prog Space (Net Sq M) <sup>1</sup> |                            |                           | Comments / Space Attributes <sup>2</sup>                            |
|--|-------------------|--------------------|-------------------------|-----------------------------------|--------|---|----------------------------|---------------------------|---|
| Space Use / Function   | Position Type     | FoMD Planning Code | Person or PI/Group Name |                                   |        | Existing                                | Projected Req'm'ts 2017/18 | Recomm Functional Program |   |
| <b>4.5 Trainees &amp; Graduate Students</b>                                |                   |                    |                         |                                   |        |   |                            |                           |   |
| Workstations   | Graduate Students |                    |                         | CSB                               | B-117E | 31.9                                    | 30.0                       | 31.9                      | 5-6 graduate student workstations; assume existing space remains    |
| <b>Subtotal</b>  |                   |                    |                         |                                   |        | <b>31.9</b>                             | <b>30.0</b>                | <b>31.9</b>               |   |
| <b>4.6 Department Support Space</b>  |                   |                    |                         |                                   |        |   |                            |                           |   |
| Faculty-Staff Commons/ Meeting   | -                 | -                  | -                       | CSB                               | B-119  | 34.7                                    | 34.7                       | 34.7                      | Shared space supports all users on floor                            |
| <b>Subtotal</b>  |                   |                    |                         |                                   |        | <b>34.7</b>                             | <b>34.7</b>                | <b>34.7</b>               |   |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>          |                   |                    |                         |                                   |        | <b>66.6</b>                             | <b>64.7</b>                | <b>66.6</b>               |   |
| <b>13. STUDENT COMMUNITY &amp; ENGAGEMENT SPACE</b>                        |                   |                    |                         |                                   |        |   |                            |                           |   |
| Student Commons Space  | -                 | -                  | -                       | CSB                               | B-103  | 78.0                                    | 78.0                       | 78.0                      | Supports LMP undergrad & grad students using the instructional labs |
| <b>Subtotal</b>  |                   |                    |                         |                                   |        | <b>78.0</b>                             | <b>78.0</b>                | <b>78.0</b>               |   |
| <b>SUBTOTAL: 13. STUDENT COMMUNITY &amp; ENGAGEMENT SPACE</b>              |                   |                    |                         |                                   |        | <b>78.0</b>                             | <b>78.0</b>                | <b>78.0</b>               |   |
| <b>TOTAL: DEP'T OF LABORATORY MEDICINE &amp; PATHOLOGY, Basement Floor</b> |                   |                    |                         |                                   |        | <b>1,166.1</b>                          | <b>1,249.5</b>             | <b>1,246.1</b>            | <b>NSM<sup>2</sup></b>  |

**Total LMP Space in the Basement of the CSB - NSM**
**1,246.1**
**Notes:**

1. All areas (sqm) used in this document are net assignable square metres unless otherwise indicated.
2. Additional gross-up should not be required assuming the existing space configuration is not changed.

## 7.0 FOMD DEPARTMENT OF MEDICINE

### 7.1 PARAMETERS & ASSUMPTIONS

The FoMD Department of Medicine (DoM) currently occupies space in 13 different buildings on the University's North Campus, which includes the UAH-WMC site. The distribution of the DoM divisions and facilities is summarized in the following table. Note, that in addition to the 13 identified buildings, there are three DoM faculty/staff members that are based in the Kaye Edmonton Clinic (1) and Canadian Blood Services (2).

When the CSB Backfill Project is complete, the DoM will have reduced to 9 or 10 building locations.

**Table 7-1 - Department of Medicine Current Locations**

| DoM Division                          | Aberhart Centre | Brain & Aging Research Building | Clinical Sciences Building | College Plaza | Heritage Medical Research Building | Katz Group Centre for Health Research | Li Ka Shing Centre for Pharmacy & Research Innovation | Medical Science Building | Outpatient Residence | Research Residence | University Transition Facility | University Hospital - WMC & M/AH | Zeldler Leducor Centre |
|---------------------------------------|-----------------|---------------------------------|----------------------------|---------------|------------------------------------|---------------------------------------|---|--------------------------|----------------------|--------------------|--------------------------------|----------------------------------|------------------------|
| Administrative Services               |                 |                                 | ●                          |               |                                    |                                       |   |                          |                      |                    | ●                              |                                  |                        |
| Division of Cardiology                |                 | ●                               | ●                          | ●             |                                    | ●                                     |   | ●                        | ●                    | ●                  |                                |                                  |                        |
| Division of Dermatology               |                 | ●                               |                            |               |                                    | ●                                     |   |                          |                      |                    |                                |                                  |                        |
| Division of Endocrinology             |                 |                                 | ●                          | ●             |                                    | ●                                     |   |                          | ●                    |                    | ●                              |                                  |                        |
| Division of Gastroenterology          |                 |                                 |                            |               | ●                                  |                                       |   |                          |                      |                    |                                | ●                                |                        |
| Division of General Internal Medicine |                 |                                 | ●                          |               | ●                                  | ●                                     |   |                          | ●                    | ●                  |                                |                                  |                        |
| Division of Geriatric Medicine        |                 | ●                               |                            |               |                                    |                                       |   |                          |                      |                    |                                |                                  |                        |
| Division of Hematology                |                 | ●                               |                            |               |                                    | ●                                     | ●   |                          |                      | ●                  |                                |                                  |                        |
| Division of Infectious Diseases       |                 | ●                               | ●                          | ●             | ●                                  |                                       |   | ●                        |                      | ●                  |                                |                                  |                        |
| Division of Nephrology                |                 | ●                               | ●                          |               |                                    | ●                                     |   |                          | ●                    | ●                  |                                |                                  |                        |
| Division of Neurology                 |                 | ●                               | ●                          | ●             |                                    |                                       |   | ●                        | ●                    | ●                  |                                |                                  |                        |
| Division of Preventive Medicine       |                 |                                 |                            |               |                                    |                                       |   |                          |                      |                    | ●                              |                                  |                        |
| Division of Pulmonary Medicine        | ●               |                                 | ●                          | ●             | ●                                  |                                       |   |                          | ●                    | ●                  |                                |                                  |                        |
| Division of Rheumatology              |                 | ●                               | ●                          |               |                                    |                                       |   |                          |                      |                    |                                |                                  |                        |

Legend:

Primary Location ●

Secondary Location ●

An outcome planning decision of the ECHA project was the University's commitment to utilize a portion of the vacated CSB to enable the consolidation of most of the divisions of the DoM. Some buildings that the DoM currently occupies are reaching the end of their functional serviceability.

## 7.0 FOMD DEPARTMENT OF MEDICINE

Some are also AHS buildings, such as the UAH-WMC, within which the AHS requires space currently being used for DoM academic offices to accommodate clinical functions. The following DoM functions and divisions are already located in the CSB:

- DoM Administration (13<sup>th</sup> floor)
- Division of Dermatology (2<sup>nd</sup> floor)
- Division of Geriatric Medicine (1<sup>st</sup> floor)
- Division of Hematology (4<sup>th</sup> floor)
- Division of Nephrology (7<sup>th</sup> & 11<sup>th</sup> floors; portion of the division)

The CSB backfill plan proposes to relocate the following additional DoM divisions into vacated CSB space, including their academic and administrative offices and the majority of their dry lab space:

- Division of Endocrinology
- Division of General Internal Medicine
- Division of Infectious Diseases
- Division of Nephrology (dry lab space)
- Division of Neurology
- Division of Pulmonary Medicine
- Division of Rheumatology

Finally, there are three DoM divisions that will not be moving into the CSB, and therefore are not included in this CSB Backfill Functional Program, namely:

- Division of Cardiology - slated to move into the Mazankowski Alberta Heart Institute
- Division of Gastroenterology - will remain in the Zeidler Ledcor Centre
- Division of Preventive Medicine - will remain in University Terrace

The following general parameters and assumptions apply to the Functional Program for the FoMD Department of Medicine:

- The proposed locations of the DoM divisions on the various floors of the CSB are identified in the CSB Backfill Stacking Plan (Chapter 3) that has been approved by the DoM and FoMD.
- The projected CSB space requirements for the DoM divisions are based on the DoM General Space Program that was developed concurrently with this Functional Program. Of particular note is the use of the FoMD space guideline allocations together with the FoMD planning codes in the DoM GSP.
- The overall intent of the CSB backfill is to utilize the existing layout and room sizes as is to the maximum extent possible. Accordingly:
  - For those DoM divisions that will remain & expand in their current locations in the CSB, the Functional Program space allocations are based on a combination of the existing room sizes and the GSP guideline allocations. This is noted on the detailed space tables.
  - For those DoM divisions that are moving into or relocating within the CSB, the Functional Program space allocations are based on the GSP guideline allocations, recognizing that the space sizes will be adjusted to fit within the existing CSB layouts, wall locations and room sizes.
- The DoM's existing and projected dry lab facilities are identified in the GSP and carried forward into this Functional Program for those divisions locating in the CSB. Both the FoMD and DoM



## 7.0 FOMD DEPARTMENT OF MEDICINE

have highlighted the growing pressure to accommodate dry lab research activities including clinical trials and research involving human subjects.

- Consistent with the DoM GSP, wet labs are not part of this programming exercise. Given its older infrastructure, the CSB is unable to accommodate any additional wet lab facilities.
- Clinical space requirements are also not part of this Functional Program. Clinical facilities are typically the responsibility of AHS to provide on the UAH-WMC site.

**7.2 ACADEMIC NARRATIVE**

The Department of Medicine is a recognized leader in the undergraduate, graduate, and postgraduate medical education, in world-class medical research, and (in partnership with Alberta Health Services) in providing outstanding specialized care to Albertans. The DoM has a very energetic research community bringing in over \$40,000,000 in research funding each year.

The DoM is the largest department in the Faculty of Medicine & Dentistry and among the largest at the University of Alberta. More than 800 academic and clinical faculty, students, residents and fellows, supported by an additional 300 or more health, technical and support staff, help achieve the Department's goal of improving health and health care locally and globally. There is a strong day-to-day functional relationship between the FoMD teaching and research activities and the clinical services it provides at the UAH-WMC. For example, the DoM has a significant number of part time physicians that are important to meeting the day-to-day teaching needs yet may not be university funded positions.

The DoM is comprised of the medical specialties that prevent, diagnose, and treat adult diseases. Each of the DoM's 13 specialty divisions is administered independently with accountability to the Chair of the DoM.

Note, additional narrative about the educational, research and clinical role of the DoM and each of its 13 divisions is provided in the accompanying DoM GSP document.

**7.3 FACULTY, STAFF & STUDENT NUMBERS**

The DoM currently totals approximately 1,100 persons including academic and clinical faculty, students, residents, fellows, and health, technical and support staff.

Within this number are approximately 210 full time faculty, 91 specialty residents and 96 core residents, as well as postgraduate fellows, graduate students and numerous part time clinical academic colleagues, plus the approximately 300 health, technical and support staff. The number of full time faculty is projected to increase to 284 by 2017/18.

Note, additional information on faculty, staff and student numbers for each of the DoM divisions is provided in the accompanying DoM GSP document.

**7.4 ENROLLMENT NUMBERS & TRENDS**

The numbers of DoM core and specialty residents, postgraduate fellows and graduate students are identified for the DoM and its divisions in the accompanying DoM GSP document.

## 7.5 CURRENT FACILITIES

As noted previously, the DoM divisions are currently distributed among 13 buildings. The DoM's wet lab research facilities are located primarily in the BARB, HMRC, Katz, LKS and MSB buildings. Those divisions that are the heaviest users of wet lab research space include Cardiology, Gastroenterology, Nephrology, Neurology and Pulmonary Medicine, and to a lesser extent Endocrinology, Hematology, Infectious Diseases and Rheumatology.

Every DoM division utilizes dry lab research space, obviously some significantly more than others. Of particular importance to the CSB Backfill are those existing dry lab research facilities that need to be relocated to the CSB. For example, the DoM has dry lab space in buildings such as the Aberhart Centre, College Plaza, Outpatient Residence and the Research Transition Facility that is generally considered inappropriate space for such activities. It is also using space for dry labs in buildings such as the HMRC that is intended for wet lab functions.

The DoM's current space uses within the CSB are as follows:

- **DoM Administration** (13<sup>th</sup> floor) - accommodates approximately 45 persons in a mix of closed offices and open workstations. It occupies 607.1 square metres, which represents more than three-quarters of the total floor area. The existing area includes some internal circulation, so it is a combination of net assignable and component gross area. It includes a relatively large conference room (CSB #13-126) that serves the entire DoM. The backfill plan proposes to retain Administration on the 13<sup>th</sup> floor.
- **Division of Dermatology** (2<sup>nd</sup> floor) - houses most of the division's academic offices and administrative space in a mix of closed offices and open workstations. The division's space currently totals 158.8 square metres, which includes very little internal circulation. The backfill plan proposes to relocate Dermatology to the 8<sup>th</sup> floor.
- **Division of Geriatric Medicine** (1<sup>st</sup> floor) - accommodates all of the division's current space that in addition to its offices includes a dry lab. Most of the existing space is enclosed offices and totals 125.0 square metres. The backfill plan proposes that the division remain and expand in its current location.
- **Division of Hematology** (4<sup>th</sup> floor) - houses all of the Hematology faculty and administrative staff in a mix of closed offices and open workstations, with a total area of 261.2 square metres. The backfill plan proposes that the division remain and expand in its current location.
- **Division of Nephrology** (7<sup>th</sup> & 11<sup>th</sup> floors) - accommodates the majority of the division's faculty offices and administrative space in a mix of closed offices and open workstations. The 11<sup>th</sup> floor serves as its 'main' location, where the offices of the director and approximately 10 full time faculty and 12 administrative staff are located. The division currently occupies a total of 429.9 square metres in the CSB, not including the NARP Clinic located on the 9<sup>th</sup> floor.

The division has a large dry lab group referred to as the Kidney Health Research Group (led by M. Tonelli). This dry lab space and its current 30-35 research staff will be relocating into the CSB.

The backfill plan proposes that Nephrology remain and expand on the 11<sup>th</sup> floor and that it may require additional space on another floor. However, the Nephrology Clinical Trials Group that is currently located on the 9<sup>th</sup> floor of the CSB will relocate to the WMC together with the NARP Clinic.

## 7.0 FOMD DEPARTMENT OF MEDICINE

The following provides an overview of the current facilities for the six other DoM divisions that will be relocating into the CSB:

- **Division of Endocrinology** - all of the Endocrinology faculty and administrative offices that are located on the 3<sup>rd</sup> floor of the HMRC will be relocating into the CSB, together with dry lab space that is currently located in the RTF. The FoMD intends to use Endocrinology's current space in the HMRC to accommodate wet lab research.
- **Division of General Internal Medicine** - all of the GIM faculty and administrative offices that are currently located on the 2<sup>nd</sup> floor of the WMC (2F1) will be relocating into the CSB and expanding to accommodate dry lab research such as Dr. McAlister's group. AHS requires the division's existing office space in the WMC for clinical purposes.
- **Division of Infectious Diseases** - all of the Infectious Diseases faculty and administrative offices that are currently located on the 2<sup>nd</sup> floor of the WMC (2E4) will be relocating into the CSB. AHS requires the division's existing office space in the WMC for clinical purposes.
- **Division of Neurology** - all of the Neurology faculty and administrative offices that are currently located on the 2<sup>nd</sup> floor of the WMC (2E3) will be relocating into the CSB. AHS requires the division's existing office space in the WMC for clinical purposes. The division has dry lab research space in the WMC and OPR, some of which will need to relocate into the CSB. It also has existing MS research space on the 9<sup>th</sup> floor of the CSB that will be replaced by the proposed new dry lab MS Centre.
- **Division of Pulmonary Medicine** - the division's faculty and administrative offices are currently dispersed among five buildings, with its 'main' office located on the 2<sup>nd</sup> floor of the WMC (2E4) that accommodates approximately 50% of the faculty. The plan is to consolidate the majority of faculty offices and dry lab research facilities in the CSB, with the exception of those faculty whose offices are located in the HMRC and Katz with their wet labs. AHS requires the division's existing office space in the WMC for clinical purposes.

The division has dry lab research space in the ABC (D. Befus, R. Long, and M. Stickland) and in the RTF (I. Mayers) that will relocate into the CSB. As part of this move, there will be the opportunity to create appropriately sized dry lab human subjects research facilities for the Pulmonary Medicine PI's such as M. Stickland and H. Vliagoftis.

- **Division of Rheumatology** - all of the Rheumatology faculty and administrative offices that are located on the 5<sup>th</sup> floor of the HMRC will be relocating into the CSB. The FoMD intends to use Endocrinology's current space in the HMRC to accommodate wet lab research. The division also has a small clinical trials administrative/support group currently located on the 9<sup>th</sup> floor of the CSB that will also move to the 5<sup>th</sup> floor.

## 7.6 PROJECTED FACILITY REQUIREMENTS

The following outlines the specific space requirements of each of the DoM divisions in the CSB according to the major space categories as outlined in the OUA Space Manual. The information presented here correlates directly with each division's detailed space table presented at the end of this chapter. The space tables identify the existing space allocations, the projected space requirements for 2017/18, and the recommended Functional Program space areas for: dry lab facilities, F-T and P-T faculty offices and workstations, other academic and administrative staff workstations, and related support facilities.

### 7.6.1 DoM Administration

The backfill plan proposes to retain Administration in its existing space on the 13<sup>th</sup> floor.

#### Academic Offices and Related Services Space

- In most cases it is assumed that the existing offices and workstations will remain as is on the 13<sup>th</sup> floor. Therefore, the recommended Functional Program areas reflect the current space sizes rather than the guideline allocations. While some existing workstation and office sizes do not always match the guideline allocations, it is anticipated that changing them would not be cost effective.
- Space allocations are included for the 3 staff that are not currently located on the 13<sup>th</sup> floor, i.e. D. Rolfson and L. Bolster in the WMC that are part of Postgraduate Education and D. Pincock in the RTF.
- The Functional Program proposes to retain the large conference room (CSB #13-126) that serves the entire DoM. It also proposes to retain other existing support facilities such as the reception station, copy/fax room and department kitchenette.
- The existing space includes 2 smaller conference rooms (13-113 & 103M) as well as the Chair's meeting room (13-103K). The department will decide whether it wishes to re-assign any of these spaces to an alternate use.
- Included in this component is a placeholder for shared touch down workstations for the 96 Core Residents that serve the entire DoM, based on a ratio of approximately 1 touch down workstation per 20 Residents. However, it is noted that this space would be better located in the WMC where the Core Residents spend most of their time.

### 7.6.2 DoM Division of Dermatology

The backfill plan proposes to move Dermatology from the 2<sup>nd</sup> floor to the 8<sup>th</sup> floor of the CSB. Based on its total programmed area of 177.5 NSM, Dermatology will require approximately one-quarter of the floor.

#### Academic Offices and Related Services Space

- Dermatology's programmed space includes 6 offices, 4 workstations, 12 touch down workstations and related support areas, as identified in the detailed space table.
- Two of the programmed offices are for growth in full time faculty and 1 workstation is for growth in administrative support staff.
- Since Dermatology is moving to a new location, the recommended Functional Program areas are based on the guideline allocations. However, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as is, some programmed areas will need to be adjusted to fit within the existing room/space sizes. For example, some faculty offices may end up being 10-11 NSM to fit within the existing offices on the 8<sup>th</sup> floor.
- The proposed layout of the 8<sup>th</sup> floor will be developed in a subsequent stage, at which point it will be determined how best to divide the floor among its three main occupants: Dermatology, Rheumatology and the remaining vacant/decant space. Also, it is anticipated that some of the programmed spaces such as the conference room and copy/fax room may be shared between the two divisions on the floor.

### 7.6.3 DoM Division of Endocrinology

The backfill plan proposes to locate Endocrinology on the 9<sup>th</sup> floor of the CSB. Based on its total programmed area of 417.0 NSM, Endocrinology will require approximately two-thirds of the floor.

#### Dry Lab Research Space

- The programmed space includes 6 open workstations, which is for Dr. Toth's research team that is currently located in the RTF. The decision on how best to group the workstations will be determined when a layout is developed, but may be driven by the existing available space on the floor.

#### Academic Offices and Related Services Space

- Endocrinology's programmed academic office space comprises 17 offices, 19 workstations, 7 touch down workstations and related support areas, as identified in the detailed space table.
- Five of the programmed offices are for growth in full time faculty and 2 of the workstations are for growth in administrative support positions.
- Since Endocrinology is moving to a new location, the recommended Functional Program areas are based on the guideline allocations. However, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as is, some programmed areas will need to be adjusted to fit within the existing room/space sizes. For example, the existing office sizes on the 9<sup>th</sup> floor range from 9-10 NSM up to 16-17 NSM, with the majority being around 12 NSM, i.e., the programmed size of a full time faculty office.
- The backfill plan identifies that the other occupant on the 9<sup>th</sup> floor will be the AHS University Hospital Foundation, with a proposed allocation of 200 NSM. It currently occupies the south wing of the 9<sup>th</sup> floor. The proposed layout of the 9<sup>th</sup> floor will be developed in a subsequent stage, at which point it will be determined how best to utilize the existing available space to accommodate the division's space requirements together with the Foundation's offices.

### 7.6.4 DoM Division of General Internal Medicine

The backfill plan proposes to locate General Internal Medicine on the 5<sup>th</sup> floor of the CSB. Based on its total programmed area of 474.0 NSM, GIM will require approximately two-thirds to three-quarters of the floor.

#### Dry Lab Research Space

- The programmed dry lab space includes 6 open workstations, which is for Dr. McAlister's research group. Three of the workstations are for future growth. The decision on how best to group the workstations will be determined when a layout is developed, but will likely be driven by the existing available space on the floor. For example, the 5<sup>th</sup> floor already contains a number of larger open areas that should be quite suitable for dry lab space.

#### Academic Offices and Related Services Space

- GIM's programmed academic office space comprises 22 offices, 14 workstations, 16 touch down workstations and related support areas, as identified in the detailed space table.
- Eight of the programmed offices are for growth in full time faculty and 3 of the workstations are for growth in administrative support positions.
- Since GIM is moving to a new location, the recommended Functional Program areas are based on the guideline allocations. However, recognizing that the overall intent of the CSB backfill is to

## 7.0 FOMD DEPARTMENT OF MEDICINE

utilize the existing layout and room sizes as is, some programmed areas will need to be adjusted to fit within the existing room/space sizes. For example, the existing office sizes on the 5<sup>th</sup> floor range from 11-16 NSM, with the majority around 13 NSM.

- Based on the backfill plan, it is assumed that the remaining space on the 5<sup>th</sup> floor will serve as vacant/decant space. The proposed layout of the 5<sup>th</sup> floor will be developed in a subsequent stage, at which point it will be determined how best to utilize the existing available space to accommodate the division's space requirements. As noted previously, the existing 5<sup>th</sup> floor layout includes a number of larger open spaces in each of the three blocks of floor space.

**7.6.5 DoM Division of Geriatric Medicine**

The backfill plan proposes that Geriatric Medicine will remain and expand in its current location on the 1<sup>st</sup> floor of the CSB. Based on its total programmed area of 222.8 NSM, Geriatric Medicine will need to almost double its current space of 125.0 NSM.

**Dry Lab Research Space**

- The existing dry lab space (1-114) may continue to accommodate the projected needs of Dr. Wagg's research team of 3 persons. Alternatively, it could be moved to a slightly larger space if the existing space better serves another purpose.

**Academic Offices and Related Services Space**

- Geriatric Medicine's programmed academic office space comprises 9 offices, 5 workstations, 4 touch down workstations and related support areas, as identified in the detailed space table.
- Five of the programmed offices are for growth in full time faculty and 2 of the workstations are for growth in administrative support positions.
- For purposes of the Functional Program, it is assumed that the existing offices and workstations will remain as is in the division's current space. Therefore, the recommended Functional Program areas generally reflect the current space sizes rather than the guideline allocations.
- Some existing workstation and office sizes do not match the guideline allocations, which could be assessed when a layout is developed. The proposed layout will be developed in a subsequent stage, at which point it will be determined how to make best use of the existing available space to accommodate both the division's existing and additional space requirements.

**7.6.6 DoM Division of Hematology**

The backfill plan proposes that Hematology will remain and expand in its current location on the 4<sup>th</sup> floor of the CSB. Based on its total programmed area of 348.6 NSM and its current area of 261.2 NSM, it is apparent that Hematology will require some expansion space on the floor.

**Dry Lab Research Space**

- The Functional Program includes a clinical trials dry lab space allocation for the new Division Director based on accommodating a research team of approximately 6 persons. The decision on how best to group the workstations will be determined when a layout is developed, but will likely be driven by the available expansion space on the 4<sup>th</sup> floor.

**Academic Offices and Related Services Space**

- Hematology's programmed academic office space comprises 13 offices, 11 workstations, 2 touch down workstations and related support areas, as identified in the detailed space table.

## 7.0 FOMD DEPARTMENT OF MEDICINE

- Six of the programmed offices are for growth in full time faculty and 2 of the workstations are for growth in administrative support positions.
- For purposes of the Functional Program it is assumed that Hematology's existing offices and workstations will remain as is on the 4<sup>th</sup> floor. Therefore, the recommended Functional Program areas generally reflect the current space sizes rather than the guideline allocations. Although most of the existing office sizes do not match the guideline allocations, i.e. they range from 13-14 NSM, it is anticipated that changing them would not be cost effective.
- The proposed expansion layout will be developed in a subsequent stage, at which point it will be determined how both the existing and expansion spaces can be utilized most effectively to accommodate the division's existing and additional space requirements.

### 7.6.7 DoM Division of Infectious Diseases

The backfill plan proposes to locate Infectious Diseases on the 1<sup>st</sup> floor of the CSB, most likely in the southeast block of space that is currently occupied by Transplant Services (approx 230 NSM) and the University Hospital Credit Union (approx 60 NSM). The total programmed area of Infectious Diseases is 255.0 NSM.

#### Dry Lab Research Space

- The Functional Program includes dry lab space for Dr. Shafran's clinical trials research team of approximately 4-5 persons that is currently located in the OPR. The decision on how best to group the workstations will be determined when a layout is developed, but will likely be driven by the available space on the 1<sup>st</sup> floor.

#### Academic Offices and Related Services Space

- Infectious Diseases programmed academic office space comprises 10 offices, 7 workstations, 5 touch down workstations and related support areas, as identified in the detailed space table.
- One of the programmed offices is for growth in full time faculty and 1 workstation is for growth in administrative support staff.
- Since Infectious Diseases is moving to a new location, the recommended Functional Program areas are based on the guideline allocations. However, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as is, some programmed areas will need to be adjusted to fit within the existing room/space sizes. For example, in the southeast block of the 1<sup>st</sup> floor, about half of the existing offices are 12-13 NSM and half are 8-9 NSM. Also, 4 of the existing internal rooms are exam rooms and the amount of larger open spaces is relatively limited except for the Credit Union space.
- The proposed division's space layout will be developed in a subsequent stage, at which point it will be determined how the existing spaces can be utilized most effectively to accommodate the division's existing and future space requirements.

### 7.6.8 DoM Division of Nephrology

The backfill plan proposes to consolidate Nephrology on the 11<sup>th</sup> floor of the CSB. Based on its total programmed area of 746.5 NSM, Nephrology will require all of the 11<sup>th</sup> floor and likely a small amount of additional space on another floor. However, since the 746.5 NSM includes the space for the division's 5-year projected growth of 6+5 additional positions (i.e. about 60-90 NSM), it may be feasible to accommodate all of its current space needs on the single floor.

If and when it is determined that a portion of Nephrology's space has to be located on another floor, the preferred approach may be to locate those faculty that are most heavily involved in providing day-to-day clinical services in the WMC on a lower floor of the CSB.

#### Dry Lab Research Space

- The programmed space includes the large dry lab group referred to as the Kidney Health Research Group (led by Dr. Tonelli) that is currently located in the RTF. Its total area is 276.0 NSM.
- The Functional Program for the dry lab space has a total of 40 workstations, which includes growth of 5-8 research staff. Given the significant size of this research group, the programmed area also includes allocations for conference space, copy/fax room and file storage. However, depending upon their location, there may be the opportunity to share these with those that are also programmed in the Nephrology faculty and administrative offices.
- The decision on how best to group and cluster the workstations will be determined when a layout is developed, but obviously will to some extent be driven by the existing available space on the floor. Clearly, locating all or even most of the 40 workstations in one open area is not feasible.

#### Academic Offices and Related Services Space

- Nephrology's programmed academic office space comprises 22 offices, 16 workstations, 5 touch down workstations and related support areas, as identified in the detailed space table.
- Four of the programmed offices are for growth in full time faculty and 2 of the workstations are for growth in administrative support positions.
- Since Nephrology is a combination of existing space on the 11<sup>th</sup> floor and space that is being relocated from the 7<sup>th</sup> floor and the RTF, the recommended Functional Program areas are based on a combination of the existing 11<sup>th</sup> floor spaces and the guideline allocations. The detailed space table identifies which spaces are existing areas and which are the guideline allocations.
- However, it is recognized that the consolidation of Nephrology on the 11<sup>th</sup> floor may present an opportunity to re-assign some of its existing spaces to better match functional needs and/or guideline allocations. This can be examined when the layout of the 11<sup>th</sup> floor is developed in a subsequent stage.

### 7.6.9 DoM Division of Neurology

The backfill plan proposes to consolidate Neurology on the 7<sup>th</sup> floor of the CSB. Based on its total programmed area of 682.0 NSM, Neurology will require the entire 7<sup>th</sup> floor and potentially a small amount of additional space on another floor. However, since the 682.0 NSM includes the space for division's 5-year projected growth of 8 additional positions (i.e. about 84 NSM), it may be feasible to accommodate all of its current space needs on the single floor.

#### Dry Lab Research Space

- A total of 169.0 NSM of dry lab space is included in the Functional Program. Approximately two-thirds of this space is for the proposed MS Centre (i.e. 118.0 NSM) that will be led by Dr. Power. Note, it is assumed that over time this will replace Neurology's existing wet lab space on the 9<sup>th</sup> floor.
- The programmed dry lab space also includes 9 other workstations, for dry lab activities that are currently housed in the WMC, RTF and CSB (i.e. researchers working for Dr. Gross, Dr.



Suchowersky, Dr. Kalra, Dr. Butcher, Dr. Siddiqi and Dr. Blevins). The decision on how best to group the workstations will be determined when a layout is developed, but will likely be driven by the existing available space on the floor. For example, although the 7<sup>th</sup> floor is already quite cellular, it does contain 3 larger spaces of 20-35 NSM each.

#### Academic Offices and Related Services Space

- Neurology's programmed academic office space comprises 26 offices, 18 workstations, 16 touch down workstations and related support areas, as identified in the detailed space table.
- Six of the programmed offices are for growth in full time faculty and 2 of the workstations are for growth in administrative support positions.
- Since Neurology is moving to an entirely new location, all of the recommended Functional Program areas are based on the guideline allocations. However, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as is, some programmed areas will need to be adjusted to fit within the existing room/space sizes. For example, the existing office sizes on the 7<sup>th</sup> floor range from 7.5-13 NSM, with a significant number of them around 9 NSM, i.e. the existing clinic exam rooms.
- The proposed layout of the 7<sup>th</sup> floor will be developed in a subsequent stage, at which point it will be determined how best to utilize the existing available space to accommodate the division's space requirements.

#### 7.6.10 DoM Division of Pulmonary Medicine

The backfill plan proposes to locate Pulmonary Medicine on the 3<sup>rd</sup> floor of the CSB. Based on its total programmed area of 813.0 NSM, Pulmonary Medicine will require the entire 3<sup>rd</sup> floor and some additional space on another floor. It is noted, however, that the 813.0 NSM includes the space for division's 5-year projected growth of approximately 14 additional positions (i.e. about 132 NSM).

The preferred solution for separating a portion of the division's space onto another floor is to locate the proposed dry lab (human subjects) research facilities potentially on the 1<sup>st</sup> floor of the CSB, i.e. 210 NSM. The benefits of this location are that the existing space is quite suitable for dry lab facilities but likely not for academic offices (i.e. it was previously nursing labs) and it provides good access for the human subjects.

#### Dry Lab Research Space

- The programmed dry lab space for Pulmonary Medicine accommodates approximately 29 research staff, totals 324.0 NSM, and includes the following three sub-components:
  - the human subjects dry labs for Dr. Stickland and Dr. Vliagoftis (each @ 75.0 NSM based on the preliminary layout and equipment identified by the division) plus their research team workstations (10 research staff), a total of 210.0 NSM; ideally the researchers' workstations should be located in proximity to the human subjects labs;
  - the dry lab space for Dr. Long's and Dr. Befus's research teams (15 research staff) that are presently located in the Aberhart Centre, a total of 90.0 NSM; and
  - the dry lab space for Dr. Mayer's team (4 research staff) that are presently located in the RTF, a total of 24.0 NSM.

#### Academic Offices and Related Services Space

- The division's programmed academic office space comprises 27 offices, 16 workstations, 9 touch down workstations and related support areas, as identified in the detailed space table.

## 7.0 FOMD DEPARTMENT OF MEDICINE

- Eight of the programmed offices are for growth in full time faculty and 3 of the workstations are for growth in administrative support positions.
- Since Pulmonary Medicine is moving to an entirely new location, all of the recommended Functional Program areas are based on the guideline allocations. However, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as is, some programmed areas will need to be adjusted to fit within the existing room/space sizes on the 3rd and 1<sup>st</sup> floors.

**7.6.11 DoM Division of Rheumatology**

The backfill plan proposes to locate Rheumatology on the 8<sup>th</sup> floor of the CSB. Based on its total programmed area of 296.0 NSM, Rheumatology will require up to one-half of the floor.

**Dry Lab Research Space**

- The programmed dry lab space will accommodate the 2 staff that support all Rheumatology clinical trials activities and includes 2 workstations, files storage and a monitor room, i.e. a total of 32.0 NSM. These staff are currently located on the 9<sup>th</sup> floor of the CSB and will move to the 8<sup>th</sup> floor with the rest of the division.

**Academic Offices and Related Services Space**

- Rheumatology's programmed academic office space comprises 11 offices, 12 workstations, 6 touch down workstations and related support areas, as identified in the detailed space table.
- Five of the programmed offices are for growth in full time faculty and 2 of the workstations are for growth in administrative support positions.
- Since Rheumatology is moving to a new location, the recommended Functional Program areas are based on the guideline allocations. However, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as is, some programmed areas will need to be adjusted to fit within the existing room/space sizes. For example, some faculty offices may end up being 10-11 NSM to fit within the existing offices on the 8<sup>th</sup> floor.
- The proposed layout of the 8<sup>th</sup> floor will be developed in a subsequent stage, at which point it will be determined how best to divide the floor among its three main occupants: Rheumatology, Dermatology and the remaining vacant/decant space. Also, it is anticipated that some of the programmed spaces such as the conference room and copy/fax room may be shared between the two divisions on the floor.

**7.6.12 DoM-CSB Space Summary**

The existing space allocations, the projected space requirements for 2017/18, and the recommended Functional Program space areas for the ten DoM divisions and the DoM Administrative Services in the CSB are summarized in Table 7-2 Summary of CSB Space Projections by DoM Division & Space Category. For a detailed breakdown of these areas see the accompanying detailed space tables in section 7.8.

Note, that the square metre areas for each division in Table 7-2 are in many cases different from those identified in the DoM GSP. The reason for this is that Table 7-2 only includes space that will be located in the CSB whereas the GSP includes space that is in other buildings such as dry lab facilities, and faculty offices that are located with wet labs.

## 7.0 FOMD DEPARTMENT OF MEDICINE

Note also, for those divisions already located in the CSB that are remaining in their existing space, the recommended Functional Program area may be higher than the guideline allocation area. This is because the recommended Functional Program areas are based on the existing room sizes, which do not always match the guideline allocations. It is assumed that renovating the existing space simply to adhere to the guideline allocations would not be cost effective.

**Table 7-2 - Summary of CSB Space Projections by DoM Division & Space Category (in net assignable square metres)**

| <b>DoM Division</b>                                   | <b>Existing<sup>2</sup><br/>Sq M</b> | <b>Projected<br/>Requirements<br/>2017/18<br/>Sq M</b> | <b>Recommended<br/>Functional<br/>Program<br/>Sq M</b> |
|---|--------------------------------------|--|--|
| <b>DoM Administration</b>                             |                                      |  |  |
| 4.1-4.6 Academic Offices & Related Space <sup>1</sup> | <u>607.1</u>                         | <u>563.6</u>   | <u>645.9</u>   |
| <b>Subtotal</b>                                       | <b>607.1</b>                         | <b>563.6</b>   | <b>645.9</b>   |
| <b>DoM Division of Dermatology</b>                    |                                      |  |  |
| 4.1-4.6 Academic Offices & Related Space              | <u>158.8</u>                         | <u>177.5</u>   | <u>177.5</u>   |
| <b>Subtotal</b>                                       | <b>158.8</b>                         | <b>177.5</b>   | <b>177.5</b>   |
| <b>DoM Division of Endocrinology</b>                  |                                      |  |  |
| 3.2-3.4 Dry Lab Research Space                        | 21.1                                 | 36.0   | 36.0   |
| 4.1-4.6 Academic Offices & Related Space <sup>1</sup> | <u>247.9</u>                         | <u>381.0</u>   | <u>381.0</u>   |
| <b>Subtotal</b>                                       | <b>269.0</b>                         | <b>417.0</b>   | <b>417.0</b>   |
| <b>DoM Division of General Internal Medicine</b>      |                                      |  |  |
| 3.2-3.4 Dry Lab Research Space                        | 22.2                                 | 36.0   | 36.0   |
| 4.1-4.6 Academic Offices & Related Space              | <u>285.4</u>                         | <u>438.0</u>   | <u>438.0</u>   |
| <b>Subtotal</b>                                       | <b>307.6</b>                         | <b>474.0</b>   | <b>474.0</b>   |
| <b>DoM Division of Geriatric Medicine</b>             |                                      |  |  |
| 3.2-3.4 Dry Lab Research Space                        | 16.4                                 | 18.0   | 16.4   |
| 4.1-4.6 Academic Offices & Related Space              | <u>108.6</u>                         | <u>192.0</u>   | <u>206.4</u>   |
| <b>Subtotal</b>                                       | <b>125.0</b>                         | <b>210.0</b>   | <b>222.8</b>   |
| <b>DoM Division of Hematology</b>                     |                                      |  |  |
| 3.2-3.4 Dry Lab Research Space                        | 0.0                                  | 36.0   | 36.0   |
| 4.1-4.6 Academic Offices & Related Space <sup>1</sup> | <u>261.2</u>                         | <u>276.0</u>   | <u>312.6</u>   |
| <b>Subtotal</b>                                       | <b>261.2</b>                         | <b>312.0</b>   | <b>348.6</b>   |
| <b>DoM Division of Infectious Diseases</b>            |                                      |  |  |
| 3.2-3.4 Dry Lab Research Space                        | 65.0                                 | 36.0   | 36.0   |
| 4.1-4.6 Academic Offices & Related Space              | <u>137.7</u>                         | <u>219.0</u>   | <u>219.0</u>   |
| <b>Subtotal</b>                                       | <b>202.7</b>                         | <b>255.0</b>   | <b>255.0</b>   |
| <b>DoM Division of Nephrology</b>                     |                                      |  |  |
| 3.2-3.4 Dry Lab Research Space <sup>1</sup>           | 292.4                                | 276.0  | 276.0  |
| 4.1-4.6 Academic Offices & Related Space <sup>1</sup> | <u>441.9</u>                         | <u>417.0</u>   | <u>470.5</u>   |
| <b>Subtotal</b>                                       | <b>734.3</b>                         | <b>693.0</b>   | <b>746.5</b>   |

## 7.0 FOMD DEPARTMENT OF MEDICINE

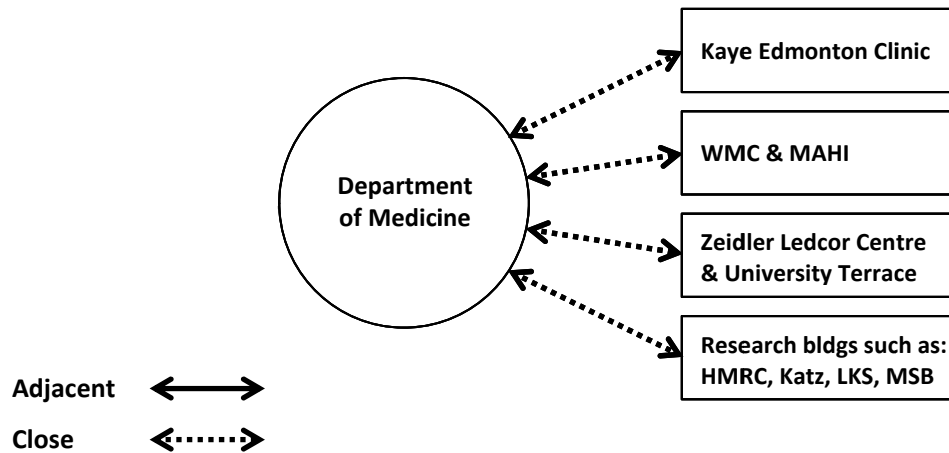
| <b>DoM Division</b>  | <b>Existing<sup>2</sup><br/>Sq M</b> | <b>Projected<br/>Requirements<br/>2017/18<br/>Sq M</b> | <b>Recommended<br/>Functional<br/>Program<br/>Sq M</b> |
|--|--------------------------------------|--|--|
| <b>DoM Division of Neurology</b>   |                                      |  |  |
| 3.2-3.4 Dry Lab Research Space   | 166.1                                | 169.0  | 169.0  |
| 4.1-4.6 Academic Offices & Related Space <sup>1</sup>  | <u>373.8</u>                         | <u>513.0</u>   | <u>513.0</u>   |
| <b>Subtotal</b>  | <b>539.9</b>                         | <b>682.0</b>   | <b>682.0</b>   |
| <b>DoM Division of Pulmonary Medicine</b>  |                                      |  |  |
| 3.2-3.4 Dry Lab Research Space <sup>1</sup>  | 191.3                                | 324.0  | 324.0  |
| 4.1-4.6 Academic Offices & Related Space   | <u>424.0</u>                         | <u>489.0</u>   | <u>489.0</u>   |
| <b>Subtotal</b>  | <b>615.3</b>                         | <b>813.0</b>   | <b>813.0</b>   |
| <b>DoM Division of Rheumatology</b>  |                                      |  |  |
| 3.2-3.4 Dry Lab Research Space   | 10.3                                 | 32.0   | 32.0   |
| 4.1-4.6 Academic Offices & Related Space <sup>1</sup>  | <u>149.4</u>                         | <u>264.0</u>   | <u>264.0</u>   |
| <b>Subtotal</b>  | <b>159.7</b>                         | <b>296.0</b>   | <b>296.0</b>   |
| <b>3.2-3.4 Total Dry Lab Research Space</b>  | <b>784.8</b>                         | <b>963.0</b>   | <b>961.4</b>   |
| <b>4.1-4.6 Total Academic Offices &amp; Related Space</b>  | <b>3,195.8</b>                       | <b>3,930.1</b>   | <b>4,116.9</b>   |
| <b>TOTAL ALL SPACE<sup>3</sup></b>   | <b>3,980.6</b>                       | <b>4,893.1</b>   | <b>5,078.3</b>   |
| Table Notes:<br>1. The reported existing net square metres for a number of divisions include internal circulation space.<br>2. The existing net square metres include each division's space currently in the CSB as well as their space in other buildings that will be relocating into the CSB.<br>3. A potential gross-up allowance may be required to account for internal circulation and walls, which will vary by component and by type of space. For programming & test fit purposes, a range of 15% to 25% is recommended to convert the NSM to CGSM. The 15% & 25% CGSM estimates are provided at the end of each detailed space table. |                                      |  |  |

**7.7 FUNCTIONAL RELATIONSHIPS**

- There are no identified priority functional relationships between the DoM divisions that in themselves would indicate a preferred floor location within the CSB.
- Suggested criteria for stacking the DoM divisions within the CSB are identified in Chapter 3. Two criteria of note are to give priority to locating human subjects research space on the lower floors and to consolidate each division's space to the extent possible.
- Members of most of the DoM divisions within the CSB provide clinical services in the WMC and will take advantage of the physical connections between the CSB and the WMC.
- Some members also provide outpatient clinical services in the Kaye Edmonton Clinic, which is physically linked to the WMC.
- The DoM Residents provide day-to-day, 24-hour coverage of clinical patient units in the WMC. For this reason, it is important that their existing lounge spaces be maintained in the WMC.

## 7.0 FOMD DEPARTMENT OF MEDICINE

- Of all DoM Residents, the DoM Core Residents and GIM Residents cover the greatest number of WMC units and patients, and therefore will benefit ideally from a location within the WMC or on a lower floor within the CSB.


**7.8 DETAILED SPACE TABLES**

See following pages.

## 7.0 FOMD DEPARTMENT OF MEDICINE

**7.8.1 DoM Administration**

| SPACE CATEGORY  |                      |                    |                         | Current Location<br>Bldg Room No. |          | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>                        |
|---|----------------------|--------------------|-------------------------|-----------------------------------|----------|---|---------------------------|---------------------------|---|
| Space Use / Function  | Position Type        | FoMD Planning Code | Person or PI/Group Name |                                   |          | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |   |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE - DoM Administrative Services</b> |                      |                    |                         |                                   |          |   |                           |                           |   |
| <b>4.1 Chair's Office &amp; Office of Research</b>                                    |                      |                    |                         |                                   |          |   |                           |                           |   |
| Office  | DoM Chair            | A1.5               | Ballermann, B           | CSB                               | 13-103L  | 19.0                                    | 16.0                      | 19.0                      | FP area based on existing size <sup>2</sup>                     |
| Chair's Mtg Room  | -                    | -                  | "                       | CSB                               | 13-103K  | 14.8                                    | 14.8                      | 14.8                      | FP area based on existing size <sup>2</sup>                     |
| Workstation   | Admin Assistant      | SUP-FT             | Gisenya, S              | CSB                               | 13-103ii | -                                       | 6.0                       | -                         | Space incl in 13-103 area above                                 |
| Workstation   | Admin Asst, Research | SUP-FT             | Dimos, E                | CSB                               | 13-103iv | -                                       | 6.0                       | -                         | Space incl in 13-103 area above                                 |
| Workstation   | Admissions Coord     | SUP-FT             | Leskow, A               | CSB                               | 13-103H  | 15.9                                    | 6.0                       | 15.9                      | Multiple workstns located in 13-103H                            |
| Workstation   | Accounting Asst      | SUP-FT             | Nasr, L                 | CSB                               | 13-103H  | -                                       | 6.0                       | -                         | "   |
| Office  | Trust Academic       | A3.1               | Rourke, L               | CSB                               | 13-130E  | 13.9                                    | 12.0                      | 13.9                      | FP area based on existing size <sup>2</sup>                     |
| Office  | Trust Admin/Manager  | A3.3               | Pincock, DG             | RTF                               | 2-103    | -                                       | 12.0                      | 12.0                      |   |
| <b>Subtotal</b>   |                      |                    |                         |                                   |          | <b>63.6</b>                             | <b>78.8</b>               | <b>75.6</b>               |   |
| <b>4.2 Human Resources</b>  |                      |                    |                         |                                   |          |   |                           |                           |   |
| Workstation   | HR Assistant         | SUP-FT             | Brow, O                 | CSB                               | 13-103i  | -                                       | 6.0                       | -                         | Space incl in 13-103 area above                                 |
| Office  | HR Assistant         | SrAD-a             | Siiik, L                | CSB                               | 13-103C1 | 11.4                                    | 9.0                       | 11.4                      | FP area based on existing size <sup>2</sup>                     |
| Workstation   | Admin Assistant      | SUP-FT             | Spanu, D                | CSB                               | 13-103D  | 29.0                                    | 6.0                       | 29.0                      | Multiple workstations & internal circulation located in 13-103D |
| Workstation   | Admin Assistant      | SUP-FT             | Stewart, D              | CSB                               | 13-103D  | -                                       | 6.0                       | -                         | "   |
| Office  | HR Manager           | SrAD-a             | Vacant                  | CSB                               | 13-103E1 | 9.9                                     | 12.0                      | 9.9                       | FP area based on existing size <sup>2</sup>                     |
| Workstation   | HR Assistant         | SUP-FT             | Vacant                  | CSB                               | 13-103D  | -                                       | 6.0                       | -                         | Space incl in 13-103D area above                                |
| <b>Subtotal</b>   |                      |                    |                         |                                   |          | <b>50.3</b>                             | <b>45.0</b>               | <b>50.3</b>               |   |
| <b>4.3 Finance</b>  |                      |                    |                         |                                   |          |   |                           |                           |   |
| Office  | APO                  | A1.2               | Wong, L                 | CSB                               | 13-103F  | 9.6                                     | 12.0                      | 9.6                       | FP area based on existing size <sup>2</sup>                     |
| Workstation   | Accounting Asst      | SUP-FT             | Dankowich, L            | CSB                               | 13-103E  | 15.2                                    | 6.0                       | 15.2                      | Multiple workstns located in 13-103E                            |
| Workstation   | Accounting Asst      | SUP-FT             | Jackson, S              | CSB                               | 13-135   | 14.1                                    | 6.0                       | 14.1                      | Multiple workstns located in 13-135                             |
| Workstation   | Accounting Support   | SUP-FT             | Khatib, A               | CSB                               | 13-103A  | 10.5                                    | 6.0                       | 10.5                      | FP area based on existing size <sup>2</sup>                     |
| Workstation   | Accounting Asst      | SUP-FT             | Laskowski, U            | CSB                               | 13-133   | 12.9                                    | 6.0                       | 12.9                      | "   |
| Workstation   | Accounting Asst      | SUP-FT             | Mckelvie, A             | CSB                               | 13-103E  | -                                       | 6.0                       | -                         | Space incl in 13-103E area above                                |
| Workstation   | Accounting Asst      | SUP-FT             | Schwandt, A             | CSB                               | 13-135   | -                                       | 6.0                       | -                         | Space incl in 13-135 area above                                 |
| <b>Subtotal</b>   |                      |                    |                         |                                   |          | <b>62.3</b>                             | <b>48.0</b>               | <b>62.3</b>               |   |

**7.0 FOMD DEPARTMENT OF MEDICINE**
**7.8.1 DoM Administration (cont'd)**

| SPACE CATEGORY                    |   |                    |                         | Current Location |               | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>   |
|-----------------------------------|---|--------------------|-------------------------|------------------|---------------|---|---------------------------|---------------------------|--|
| Space Use / Function              | Position Type                                     | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No.      | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>4.4 Billing</b>                |   |                    |                         |                  |               |   |                           |                           |  |
| Workstation                       | Accounting Asst                                   | SUP-FT             | Ammar, S                | CSB              | 13-130A       | 14.7                                    | 6.0                       | 14.7                      | Multiple workstns located in 13-130A   |
| Workstation                       | Accounting Asst                                   | SUP-FT             | Clark, C                | CSB              | 13-130D       | 13.3                                    | 6.0                       | 13.3                      | Multiple workstns located in 13-130D   |
| Workstation                       | Accounting Asst                                   | SUP-FT             | Gadway, W               | CSB              | 13-130C       | 14.0                                    | 6.0                       | 14.0                      | Multiple workstns located in 13-130C   |
| Workstation                       | Accounting Asst                                   | SUP-FT             | Jaglo, M                | CSB              | 13-130D       | -                                       | 6.0                       | -                         | Space incl in 13-130D area above   |
| Workstation                       | Accounting Asst                                   | SUP-FT             | Melnyk, C               | CSB              | 13-130A       | -                                       | 6.0                       | -                         | Space incl in 13-130A area above   |
| Office                            | Accounting Asst                                   | A1.1               | Minchau, L              | CSB              | 13-130B       | 14.9                                    | 12.0                      | 14.9                      | Multiple workstns located in 13-130B   |
| Workstation                       | Accounting Asst                                   | SUP-FT             | Teplyske, M             | CSB              | 13-130C       | -                                       | 6.0                       | -                         | Space incl in 13-130C area above   |
| Workstation                       | Accounting Asst                                   | SUP-FT             | Tuazon, B               | CSB              | 13-130B       | -                                       | 6.0                       | -                         | Space incl in 13-130B area above   |
| <b>Subtotal</b>                   |   |                    |                         |                  |               | <b>56.9</b>                             | <b>54.0</b>               | <b>56.9</b>               |  |
| <b>4.5 Administration</b>         |   |                    |                         |                  |               |   |                           |                           |  |
| Office                            | APO, Assistant Chair                              | A1.2               | Hiscock, B              | CSB              | 13-103J       | 11.1                                    | 12.0                      | 11.1                      | FP area based on existing size <sup>2</sup>  |
| Office                            | Trust Admin/Manager                               | A3.3               | Bouman, F               | CSB              | 13-127        | 11.1                                    | 9.0                       | 11.1                      | "  |
| Office                            | Trust Admin/Manager                               | A3.3               | Bulger, T               | CSB              | 13-125        | 14.2                                    | 9.0                       | 14.2                      | Multiple workstns located in 13-125  |
| Workstation                       | Communic Coord                                    | SUP-FT             | Friesen, J              | CSB              | 13-103        | 109.2                                   | 6.0                       | 109.2                     | Multiple workstations & internal circulation located in 13-103                                       |
| Workstation                       | PR/Publications Clerk                             | SUP-FT             | Jones, E                | CSB              | 13-103        | -                                       | 6.0                       | -                         | "  |
| Workstation                       | Admin Assistant                                   | SUP-FT             | Keller, L               | CSB              | 13-125        | -                                       | 6.0                       | -                         | Space incl in 13-125 area above  |
| Office                            | Trust Admin/Manager                               | A3.3               | McEwan, M               | CSB              | 13-103G       | 9.5                                     | 6.0                       | 9.5                       | FP area based on existing size <sup>2</sup>  |
| Workstation                       | Admin Professional                                | A2.4               | Morrison, C             | CSB              | 13-103H       | -                                       | 6.0                       | -                         | Space incl in 13-103 area above  |
| Workstation                       | Web Designer                                      | SUP-FT             | Park, J                 | CSB              | 13-103        | -                                       | 6.0                       | -                         | "  |
| Workstation                       | Lab Tech/Recep                                    | SUP-FT             | Phillips, K             | CSB              | 13-103ZZ      | -                                       | 6.0                       | -                         | "  |
| Workstation                       | Admin Assistant                                   | SUP-FT             | Racz, D                 | CSB              | 13-103D       | -                                       | 6.0                       | -                         | "  |
| Workstation                       | Admin Assistant                                   | SUP-FT             | Jichita, G              | CSB              | 13-103        | -                                       | 6.0                       | -                         | "  |
| <b>Subtotal</b>                   |   |                    |                         |                  |               | <b>155.1</b>                            | <b>84.0</b>               | <b>155.1</b>              |  |
| <b>4.6 Postgraduate Education</b> |   |                    |                         |                  |               |   |                           |                           |  |
| Office                            | Associate Professor & Program Director            | A1.5               | Rolfson, D              | WMC              | 2F1           | -                                       | 12.0                      | 12.0                      |  |
| Workstation                       | Clin Research Fellow                              | C1.2               | Bolster, L              | WMC              | 2F1           | -                                       | 6.0                       | 6.0                       |  |
| Office                            | Educ Prog Coord                                   | SrAD-a             | Kurtz, D                | CSB              | 13-132        | 8.5                                     | 9.0                       | 8.5                       | FP area based on existing size <sup>2</sup>  |
| Workstation                       | Admin Assistant                                   | SUP-FT             | Clarkson, S             | CSB              | 13-131        | 12.9                                    | 6.0                       | 12.9                      | Multiple workstns located in 13-131  |
| Workstation                       | Admin Assistant                                   | SUP-FT             | Gargan, T               | CSB              | 13-133        | -                                       | 6.0                       | -                         | Space incl in 13-133 area above  |
| Workstation                       | Program Coord                                     | SUP-FT             | Motyka, B               | CSB              | 2-116         | 15.5                                    | 6.0                       | 15.5                      | Multiple workstns located in 13-116  |
| Workstation                       | Program Coord                                     | SUP-FT             | Nero, C                 | CSB              | 2-116         | -                                       | 6.0                       | -                         | "  |
| Workstation                       | Program Coord                                     | SUP-FT             | Tomski, A               | CSB              | 13-133        | -                                       | 6.0                       | -                         | Space incl in 13-133 area above  |
| Workstation                       | Program Coord                                     | SUP-FT             | Toronchuk, S            | CSB              | 13-131        | -                                       | 6.0                       | -                         | Space incl in 13-131 area above  |
| T-D Workstation                   | Total of approx 96 DoM Core Residents I, II & III |                    | DoM                     | CSB              | 2F2.33Z, etc. | -                                       | 15.0                      | 15.0                      | Assume existing Resident lounges remain in WMC; GSP allocation of 1 T-D workstation per 20 Residents |
| <b>Subtotal</b>                   |   |                    |                         |                  |               | <b>36.9</b>                             | <b>78.0</b>               | <b>69.9</b>               |  |

**7.8.1 DoM Administration (cont'd)**

| SPACE CATEGORY  |               |                    |                         | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>   |
|---|---------------|--------------------|-------------------------|------------------|----------|---|---------------------------|---------------------------|--|
| Space Use / Function  | Position Type | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No. | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>4.7 Department Support Space</b>                               |               |                    |                         |                  |          |   |                           |                           |  |
| Reception   | -             | -                  | -                       | CSB              | 13-112   | 10.6                                    | 10.6                      | 10.6                      | FP area based on existing size <sup>2</sup>                                      |
| Department Conference Room  | -             | -                  | -                       | CSB              | 13-126   | 78.1                                    | 78.1                      | 78.1                      | DoM conference room; FP area based on existing size                              |
| Conf Rm Storage   | -             | -                  | -                       | CSB              | 13-126A  | 1.0                                     | 1.0                       | 1.0                       | FP area based on existing size <sup>2</sup>                                      |
| Meeting Room  | -             | -                  | -                       | CSB              | 13-113   | 11.1                                    | 11.1                      | 11.1                      | "  |
| Meeting Room  | -             | -                  | -                       | CSB              | 103M     | 10.9                                    | 10.9                      | 10.9                      | "  |
| Storage, Files  | -             | -                  | -                       | CSB              | -        | -                                       | 9.0                       | 9.0                       | NSM guideline allocation   |
| Copy/Fax Room   | -             | -                  | -                       | CSB              | 13-103B  | 16.0                                    | 9.0                       | 9.0                       | FP area based on existing size <sup>2</sup>                                      |
| Dep't Kitchenette   | -             | -                  | -                       | CSB              | 13-122   | 19.6                                    | 19.6                      | 19.6                      | "  |
| General Office  | -             | -                  | -                       | CSB              | 13-130   | 26.5                                    | 26.5                      | 26.5                      | Mainly internal circulation & copier; FP area based on exist'g size <sup>2</sup> |
| Office  | -             | -                  | Vacant                  | CSB              | 13-130G  | 8.2                                     | -                         | -                         |  |
| <b>Subtotal</b>   |               |                    |                         |                  |          | <b>182.0</b>                            | <b>175.8</b>              | <b>175.8</b>              |  |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |               |                    |                         |                  |          | <b>607.1</b>                            | <b>563.6</b>              | <b>645.9</b>              |  |
| <b>TOTAL: DoM, DEPARTMENT ADMINISTRATION</b>                      |               |                    |                         |                  |          | <b>607.1</b>                            | <b>563.6</b>              | <b>645.9</b>              | <b>NSM<sup>3</sup></b>   |

|  |              |
|--|--------------|
| <b>Total DoM Administration Space in the CSB - NSM</b> | <b>645.9</b> |
| <b>Estimated CGSM in the CSB @ 15% Gross Up</b>        | <b>742.8</b> |
| <b>Estimated CGSM in the CSB @ 25% Gross Up</b>        | <b>807.4</b> |

**Notes:**

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. Because the DoM Administration will remain in its current location, the Functional Program space allocations generally are based on existing sizes.

3. The existing area of 607.1 sqm includes portions of internal circulation, e.g. in 13-103 & 13-103G.



**7.8.2 DoM Division of Dermatology**

| SPACE CATEGORY  |                     |                    |                         | Current Location<br>Bldg Room No. | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |
|---|---------------------|--------------------|-------------------------|-----------------------------------|---|---------------------------|---------------------------|--|
| Space Use / Function  | Position Type       | FoMD Planning Code | Person or PI/Group Name |                                   | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE - Division of Dermatology</b> |                     |                    |                         |                                   |   |                           |                           |  |
| <b>4.1 Division Administration</b>  |                     |                    |                         |                                   |   |                           |                           |  |
| Workstation   | Medical Secretary   | SUP-FT             | Billey, J               | CSB 2-125                         | 19.4                                    | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation   | Medical Secretary   | SUP-FT             | Ewasiw, P               | CSB 2-125                         | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Medical Secretary   | SUP-FT             | McLernon, L             | CSB 2-125                         | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Admin Support       |                    | Future growth           | - -                               | -                                       | 6.0                       | 6.0                       | 1 addn'l workstation @ 6.0 NSM                   |
| <b>Subtotal</b>   |                     |                    |                         |                                   |   | <b>19.4</b>               | <b>24.0</b>               | <b>24.0</b>                                      |
| <b>4.2 Faculty, Full-time</b>   |                     |                    |                         |                                   |   |                           |                           |  |
| Office  | Division Director   | A1.5               | Salopek, T              | CSB 2-108                         | 14.2                                    | 12.0                      | 12.0                      | FP area based on the GSP allocation <sup>2</sup> |
| Office  | Professor 1         | A1.5               | Brassard, A             | CSB 2-125A                        | 14.0                                    | 12.0                      | 12.0                      | "  |
| Office  | Associate Professor | A1.5               | Lin, A                  | CSB 2-109B                        | 13.7                                    | 12.0                      | 12.0                      | "  |
| Office  | Clinical Professor  | C1.1               | Rao, J                  | CSB 2-109A                        | 13.6                                    | 12.0                      | 12.0                      | "  |
| Office  | F-T Faculty         |                    | Future growth           | - -                               | -                                       | 24.0                      | 24.0                      | 2 addn'l offices @ 12.0 NSM                      |
| <b>Subtotal</b>   |                     |                    |                         |                                   |   | <b>55.5</b>               | <b>72.0</b>               | <b>72.0</b>                                      |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>                                |                     |                    |                         |                                   |   |                           |                           |  |
| T-D Workstation   | Asst Clinical Prof  |                    | Kalisiak, M             | CSB 2-127                         | 11.6                                    | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |
| T-D Workstation   | Assoc Clinical Prof | C1.2               | Taher, M                | CSB                               | -                                       | -                         | -                         | "  |
| <b>Subtotal</b>   |                     |                    |                         |                                   |   | <b>11.6</b>               | <b>3.0</b>                | <b>3.0</b>                                       |
| <b>4.5 Trainees</b>   |                     |                    |                         |                                   |   |                           |                           |  |
| Workstation   | Resident V          |                    | Day, I                  | CSB 2-128                         | 14.2                                    | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation   | Resident IV         |                    | Jung, G                 | CSB 2-128                         | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident II         |                    | Kurian, A               | CSB 2-128                         | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident I          |                    | Kuzel, P                | CSB 2-128                         | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident III        |                    | Kwok, T                 | CSB 2-128                         | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident I          |                    | Levy, J                 | CSB 2-128                         | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident V          |                    | Lortie, C               | CSB 2-128                         | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident III        |                    | Mercer, J               | CSB 2-128                         | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident III        |                    | Postok, O               | CSB 2-128                         | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident V          |                    | Prajapati, V            | CSB 2-128                         | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident IV         |                    | Wu, D                   | CSB 2-128                         | -                                       | 3.0                       | 3.0                       | "  |
| <b>Subtotal</b>   |                     |                    |                         |                                   |   | <b>14.2</b>               | <b>33.0</b>               | <b>33.0</b>                                      |

**7.8.2 DoM Division of Dermatology (cont'd)**

| SPACE CATEGORY  |               |                          |                            | Current Location<br>Bldg Room No. | Func Prog Space (Net Sq M) <sup>1</sup> |                                 |                                 | Comments / Space Attributes <sup>2</sup>         |
|---|---------------|--------------------------|----------------------------|-----------------------------------|---|---------------------------------|---------------------------------|--|
| Space Use / Function  | Position Type | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | Existing                                | Projected<br>Reqm'ts<br>2017/18 | Recomm<br>Functional<br>Program |  |
| <b>4.6 Division Support Space</b>                                 |               |                          |                            |                                   |   |                                 |                                 |  |
| Reception   | -             | -                        | -                          | -                                 | -                                       | 6.0                             | 6.0                             | FP area based on the GSP allocation <sup>2</sup> |
| Conference Room   | -             | -                        | -                          | CSB 2-105                         | 35.6                                    | 18.0                            | 18.0                            | GSP allocation; could share                      |
| Staff Room  | -             | -                        | -                          | CSB 2-107                         | 19.0                                    | -                               | -                               | Incl in conf room allocation                     |
| Storage, Files  | -             | -                        | -                          | CSB -                             | -                                       | 9.0                             | 9.0                             | FP area based on the GSP allocation <sup>2</sup> |
| Storage   | -             | -                        | -                          | CSB 2-130                         | 3.5                                     | 3.5                             | 3.5                             |  |
| Copy/Fax Room   | -             | -                        | -                          | -                                 | -                                       | 9.0                             | 9.0                             | GSP allocation; could share                      |
| <b>Subtotal</b>   |               |                          |                            |                                   | <b>58.1</b>                             | <b>45.5</b>                     | <b>45.5</b>                     |  |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |               |                          |                            |                                   | <b>158.8</b>                            | <b>177.5</b>                    | <b>177.5</b>                    |  |
| <b>TOTAL: DoM, DIVISION OF DERMATOLOGY</b>                        |               |                          |                            |                                   | <b>158.8</b>                            | <b>177.5</b>                    | <b>177.5</b>                    | <b>NSM</b>                                       |

|   |              |
|---|--------------|
| <b>Total Dermatology Space in the CSB - NSM</b> | <b>177.5</b> |
| <b>Estimated CGSM in the CSB @ 15% Gross Up</b> | <b>204.1</b> |
| <b>Estimated CGSM in the CSB @ 25% Gross Up</b> | <b>221.9</b> |

**Notes:**

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. Because Dermatology will move to a new location, i.e the CSB 8th floor, the Functional Program space allocations generally are based on the GSP guideline allocations, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as-is to the maximum extent possible. For example, most of the existing offices on the 8th floor are approximately 10-11 NSM.

**7.8.3 DoM Division of Endocrinology**

| SPACE CATEGORY   |                    |                    |                         | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |
|--|--------------------|--------------------|-------------------------|------------------|----------|---|---------------------------|---------------------------|--|
| Space Use / Function                                     | Position Type      | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No. | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>3. RESEARCH SPACE</b>                                 |                    |                    |                         |                  |          |   |                           |                           |  |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b> |                    |                    |                         |                  |          |   |                           |                           |  |
| <b>E. Toth Group</b>                                     | -                  | -                  | <b>PI: E. Toth</b>      | RTF              |          |   |                           |                           | Toth's team will relocate to the CSB             |
| Workstation  | Research Assistant | SUP-FT             | Connor, T               | RTF              | 4-000    |   | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation  | Research Assistant |                    | Jacobs, A               | RTF              | 4-026    | 10.4                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Dietitian          |                    | Jensen, J               | RTF              | 4-100    |   | 6.0                       | 6.0                       | "  |
| Workstation  | Laboratory Tech    |                    | Legare, M               | RTF              | 4-000    |   | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant | SUP-FT             | Oster, R                | RTF              | 4-030    | 10.7                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant | SUP-FT             | Ralph, K                | RTF              | 4-000    |   | 6.0                       | 6.0                       | "  |
| <b>Subtotal</b>  |                    |                    |                         |                  |          |   | <b>21.1</b>               | <b>36.0</b>               | <b>36.0</b>                                      |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>                       |                    |                    |                         |                  |          |   | <b>21.1</b>               | <b>36.0</b>               | <b>36.0</b>                                      |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>  |                    |                    |                         |                  |          |   |                           |                           |  |
| <b>4.1 Division Administration</b>                       |                    |                    |                         |                  |          |   |                           |                           |  |
| Workstation  | Medical Secretary  | SUP-FT             | Bobryk, V               | HMRC             | 362      | 83.1                                    | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation  | Admin Assistant    | SUP-FT             | Hebert, B               | HMRC             | 362J     | 10.7                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Medical Secretary  | SUP-FT             | Krishka, J              | HMRC             | 362      | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Medical Secretary  | SUP-FT             | Martin, J               | HMRC             | 362      | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Admin Support      | SUP-FT             | Neveu, R                | HMRC             |          | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Medical Secretary  | SUP-FT             | Nunez, F                | HMRC             | 362      | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Medical Secretary  | SUP-FT             | Queeley, J              | HMRC             | 362      | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Admin Secretary    | SUP-FT             | Rice, M                 | HMRC             | 362      | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Medical Transcrip  | SUP-FT             | Rimell, C               | HMRC             | 362      | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Medical Secretary  | SUP-FT             | Robatzek, J             | HMRC             | 362      | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Admin Assistant    | SUP-FT             | Robertson, L            | HMRC             | 362      | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Admin Support      | SUP-FT             | Spearing, K             | HMRC             | 362      | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Medical Secretary  | SUP-FT             | Veats, D                | HMRC             | 362G     | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Admin Support      |                    | Vacant                  | HMRC             |          | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Medical Secretary  | SUP-PT             | Huisman, D              | CP               | 2000     |   | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation  | Admin Support      | SUP-FT             | Burlet, M               | RTF              |          |   | 6.0                       | 6.0                       | "  |
| Workstation  | Admin Assistant    | SUP-FT             | Poirier, S              | RTF              | 4-100    | 6.0                                     | 6.0                       | 6.0                       | "  |
| Workstation  | Admin Support      |                    | Future growth           | -                | -        | -                                       | 12.0                      | 12.0                      | 2 addn'l workstations @ 6.0 NSM                  |
| <b>Subtotal</b>  |                    |                    |                         |                  |          |   | <b>99.8</b>               | <b>114.0</b>              | <b>114.0</b>                                     |

**7.8.3 DoM Division of Endocrinology (cont'd)**

| SPACE CATEGORY  |                     |                    |                         | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |
|---|---------------------|--------------------|-------------------------|------------------|----------|---|---------------------------|---------------------------|--|
| Space Use / Function                                  | Position Type       | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No. | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>4.2 Faculty, Full-time</b>                         |                     |                    |                         |                  |          |   |                           |                           |  |
| Office  | Division Director   | A1.5               | Chik, C                 | HMRC             | 362F     | 12.9                                    | 12.0                      | 12.0                      | FP area based on the GSP allocation <sup>2</sup> |
| Office  | Professor 3         | A1.1               | Lewanczuk, R            | HMRC             | 362J1    | 12.0                                    | 12.0                      | 12.0                      | "  |
| Office  | Associate Professor | A1.1               | Mereu, L                | HMRC             | 362H     | 12.0                                    | 12.0                      | 12.0                      | "  |
| Office  | Professor 3         | A1.1               | Morrish, D              | HMRC             | 362B     | 12.8                                    | 12.0                      | 12.0                      | "  |
| Office  | Assoc Clinical Prof |                    | Oppenorth, A            | HMRC             | 350C     | 14.6                                    | 12.0                      | 12.0                      | "  |
| Office  | Trust Academic      | A3.1               | Romney, J               | HMRC             | 350B     | 11.7                                    | 12.0                      | 12.0                      | "  |
| Office  | Professor 3         | A1.1               | Ryan, E                 | HMRC             | 362E     | 12.9                                    | 12.0                      | 12.0                      | "  |
| Office  | Professor 3         | A1.1               | Toth, E                 | HMRC             | 362C     | 12.9                                    | 12.0                      | 12.0                      | "  |
| Office  | F-T Faculty         |                    | Vacant                  | HMRC             | -        | -                                       | 12.0                      | 12.0                      | New hire for 2013 (J. O'Connell)                 |
| Office  | Trust Academic      | A3.1               | McNab, T                | RTF              | 3-081    | 11.7                                    | 12.0                      | 12.0                      | FP area based on the GSP allocation <sup>2</sup> |
| Office  | Trust Academic      | A3.1               | Mitchell, R             | RTF              | 3-079    | 11.9                                    | 12.0                      | 12.0                      | "  |
| Office  | Associate Professor | A1.5               | Senior, P               | CP               | 2000     |   | 12.0                      | 12.0                      | "  |
| Office  | F-T Faculty         |                    | Future growth           | -                | -        | -                                       | 24.0                      | 24.0                      | 2 addn'l 12.0 NSM offices by 2012/13             |
| Office  | F-T Faculty         |                    | Future growth           | -                | -        | -                                       | 36.0                      | 36.0                      | 3 addn'l 12.0 NSM offices by 2013/14             |
| <b>Subtotal</b>                                       |                     |                    |                         |                  |          |   | <b>125.4</b>              | <b>204.0</b>              | <b>204.0</b>                                     |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>    |                     |                    |                         |                  |          |   |                           |                           |  |
| T-D Workstation                                       | Asst Clinical Prof  | C1.2               | Ghosh, M                | HMRC             | 362C     | -                                       | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |
| T-D Workstation                                       | Assoc Clinical Prof | C1.2               | Hopkins, K              | HMRC             |          | -                                       | -                         | -                         | "  |
| T-D Workstation                                       | Asst Clinical Prof  | C1.2               | Jacquier, J             | HMRC             | 362C     | -                                       | -                         | -                         | "  |
| T-D Workstation                                       | Asst Clinical Prof  | C1.2               | Kwong, S                | HMRC             | 362A     | 11.3                                    | -                         | -                         | "  |
| T-D Workstation                                       | Asst Clinical Prof  | C1.2               | Li, S                   | HMRC             | 362A     | -                                       | -                         | -                         | "  |
| <b>Subtotal</b>                                       |                     |                    |                         |                  |          |   | <b>11.3</b>               | <b>3.0</b>                | <b>3.0</b>                                       |
| <b>4.4 Other Academic / Research / Clinical Staff</b> |                     |                    |                         |                  |          |   |                           |                           |  |
| T-D Workstation                                       | Clinical Fellow     |                    | MacKenzie-F, J          | HMRC             | 371      | -                                       | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |
| <b>Subtotal</b>                                       |                     |                    |                         |                  |          |   | <b>0.0</b>                | <b>3.0</b>                | <b>3.0</b>                                       |
| <b>4.5 Trainees</b>                                   |                     |                    |                         |                  |          |   |                           |                           |  |
| Workstation   | Resident V          | PG-RES             | Cawsey, S               | HMRC             | 371A     | 11.4                                    | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation   | Resident IV         | PG-RES             | Gill, A                 | HMRC             | 371A     | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident V          | PG-RES             | Parameswaranathan, S    | HMRC             | 371      | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident V          | PG-RES             | Shahidi, M              | HMRC             | 371A     | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident V          | PG-RES             | Slabu, H                | HMRC             | 371A     | -                                       | 3.0                       | 3.0                       | "  |
| <b>Subtotal</b>                                       |                     |                    |                         |                  |          |   | <b>11.4</b>               | <b>15.0</b>               | <b>15.0</b>                                      |

**7.8.3 DoM Division of Endocrinology (cont'd)**

| SPACE CATEGORY  |               |                    |                         | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                            |                           | Comments / Space Attributes <sup>2</sup>         |                        |
|---|---------------|--------------------|-------------------------|------------------|----------|---|----------------------------|---------------------------|--|------------------------|
| Space Use / Function  | Position Type | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No. | Existing                                | Projected Req'm'ts 2017/18 | Recomm Functional Program |  |                        |
| <b>4.6 Division Support Space</b>                                 |               |                    |                         |                  |          |   |                            |                           |  |                        |
| Reception   | -             | -                  | -                       | HMRC             | 362      | -                                       | 6.0                        | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |                        |
| Conference Room   | -             | -                  | -                       | -                | -        | -                                       | 18.0                       | 18.0                      | GSP allocation; could share                      |                        |
| Storage, Files  | -             | -                  | -                       | -                | -        | -                                       | 9.0                        | 9.0                       | FP area based on the GSP allocation <sup>2</sup> |                        |
| Copy/Fax Room   | -             | -                  | -                       | -                | -        | -                                       | 9.0                        | 9.0                       | GSP allocation; could share                      |                        |
| <b>Subtotal</b>   |               |                    |                         |                  |          |   | <b>0.0</b>                 | <b>42.0</b>               | <b>42.0</b>                                      |                        |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |               |                    |                         |                  |          |   | <b>247.9</b>               | <b>381.0</b>              | <b>381.0</b>                                     |                        |
| <b>TOTAL: DoM, DIVISION OF ENDOCRINOLOGY</b>                      |               |                    |                         |                  |          |   | <b>269.0</b>               | <b>417.0</b>              | <b>417.0</b>                                     | <b>NSM<sup>2</sup></b> |

|  |       |
|--|-------|
| Total Endocrinology Space in the CSB - NSM | 417.0 |
| Estimated CGSM in the CSB @ 15% Gross Up   | 479.6 |
| Estimated CGSM in the CSB @ 25% Gross Up   | 521.3 |

**Notes:**

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. Because Endocrinology will move to a new location, i.e. the CSB 9th floor, the Functional Program space allocations generally are based on the GSP guideline allocations, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as-is to the maximum extent possible. For example, the existing offices on the 9th floor range in size from about 9-10 NSM up to 16-17 NSM with the majority around 12 NSM.

**7.8.4 DoM Division of General Internal Medicine**

| SPACE CATEGORY   |                      |                    |                         | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                            |                           | Comments / Space Attributes <sup>2</sup>         |
|--|----------------------|--------------------|-------------------------|------------------|----------|---|----------------------------|---------------------------|--|
| Space Use / Function                                     | Position Type        | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No. | Existing                                | Projected Req'm'ts 2017/18 | Recomm Functional Program |  |
| <b>3. RESEARCH SPACE</b>                                 |                      |                    |                         |                  |          |   |                            |                           |  |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b> |                      |                    |                         |                  |          |   |                            |                           |  |
| McAlister Research Group                                 | -                    | -                  | EPICORE                 | CP               | 220      | -                                       | -                          | -                         | McAlister's team will relocate to the CSB        |
| Workstation  | Analyst, PhD         |                    | Bakal, J                | LKS              | 132-F    | 12.0                                    | 6.0                        | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation  | Clinical Pharmacist  |                    | Fradette, M             | CP               | 220L     | 10.2                                    | 6.0                        | 6.0                       | "  |
| Workstation  | Analyst              |                    | Youngson, E             | LKS              |          | -                                       | 6.0                        | 6.0                       | "  |
| Workstation  | Research Coordinator |                    | Future Growth           | -                | -        | -                                       | 6.0                        | 6.0                       | "  |
| Workstation  | Fellow/MSc           |                    | Future Growth           | -                | -        | -                                       | 6.0                        | 6.0                       | "  |
| Workstation  | Analyst              |                    | Future Growth           | -                | -        | -                                       | 6.0                        | 6.0                       | "  |
| <b>Subtotal</b>  |                      |                    |                         |                  |          |   | <b>22.2</b>                | <b>36.0</b>               | <b>36.0</b>                                      |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>                       |                      |                    |                         |                  |          |   | <b>22.2</b>                | <b>36.0</b>               | <b>36.0</b>                                      |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>  |                      |                    |                         |                  |          |   |                            |                           |  |
| <b>4.1 Division Administration</b>                       |                      |                    |                         |                  |          |   |                            |                           |  |
| Workstation  | Admin Assistant      | SUP-FT             | Bradford, M             | WMC              | 2F1.28   | 14.7                                    | 6.0                        | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation  | Admin Assistant      | SUP-FT             | Dacyk, K                | WMC              | 2F1.33   | 13.3                                    | 6.0                        | 6.0                       | "  |
| Workstation  | Medical Secretary    | SUP-FT             | Chetty, S               | WMC              | 2F1.34B  | 11.2                                    | 6.0                        | 6.0                       | "  |
| Workstation  | Admin Support        | SUP-FT             | Clouston, J             | WMC              | 2F1.37A  | 9.2                                     | 6.0                        | 6.0                       | "  |
| Workstation  | Admin Assistant      | SUP-FT             | Frankton, S             | WMC              | 2F1.30A  | 10.3                                    | 6.0                        | 6.0                       | "  |
| Workstation  | Program Coord        | SUP-FT             | Hlady, C                | WMC              | 2F1.33   | -                                       | 6.0                        | 6.0                       | "  |
| Workstation  | Medical Secretary    | SUP-FT             | Pretty, S               | WMC              | 2F1.34A  | -                                       | 6.0                        | 6.0                       | "  |
| Workstation  | Medical Secretary    | SUP-FT             | Pullin, A               | WMC              | 2F1.37B  | -                                       | 6.0                        | 6.0                       | "  |
| Workstation  | Medical Secretary    | SUP-FT             | Stalker, G              | WMC              | 2F1.12A  | 18.7                                    | 6.0                        | 6.0                       | "  |
| Workstation  | Medical Secretary    | SUP-FT             | Wynnyk, V               | WMC              | 2F1.12B  | -                                       | 6.0                        | 6.0                       | "  |
| Workstation  | Admin Support        |                    | Gooley, C               | RTF              | 2-105    | 6.0                                     | 6.0                        | 6.0                       | "  |
| Workstation  | Admin Support        |                    | Future growth           | -                | -        | -                                       | 18.0                       | 18.0                      | 3 addn'l workstations @ 6.0 NSM                  |
| <b>Subtotal</b>  |                      |                    |                         |                  |          |   | <b>83.4</b>                | <b>84.0</b>               | <b>84.0</b>                                      |
| <b>4.2 Faculty, Full-time</b>                            |                      |                    |                         |                  |          |   |                            |                           |  |
| Office   | Division Director    | A1.5               | Kassam, N               | WMC              | 2F1.35   | 10.9                                    | 12.0                       | 12.0                      | FP area based on the GSP allocation <sup>2</sup> |
| Office   | Assistant Professor  | A1.5               | Daniels, V              | WMC              | 2F1.13   | 10.9                                    | 12.0                       | 12.0                      | "  |
| Office   | Professor 3          | A1.5               | Fisher, B               | WMC              | 2F1.23   | 11.1                                    | 12.0                       | 12.0                      | "  |
| Office   | Assistant Professor  |                    | Ghosh, M                | WMC              | 1F1.09   | 10.9                                    | 12.0                       | 12.0                      | "  |
| Office   | Assistant Professor  | A1.5               | Goldstein, C            | WMC              | 2F1.36   | 9.1                                     | 12.0                       | 12.0                      | "  |
| Office   | Professor 2          | A1.5               | Hamilton, P             | WMC              | 2F1.22   | 11.1                                    | 12.0                       | 12.0                      | "  |
| Office   | Professor 2          | A1.5               | Majumdar, S             | WMC              | 2F1.24   | 10.7                                    | 12.0                       | 12.0                      | "  |
| Office   | Professor 3          | A1.5               | McAlister, F            | WMC              | 2F1.21   | 15.6                                    | 12.0                       | 12.0                      | "  |
| Office   | Assistant Professor  | A1.5               | Morales, F              | WMC              | 2F1.11   | 10.9                                    | 12.0                       | 12.0                      | "  |
| Office   | Associate Professor  | A1.5               | Padwal, R               | WMC              | 2F1.26   | 10.1                                    | 12.0                       | 12.0                      | "  |
| Office   | Assistant Professor  | A1.5               | Ringrose, J             | WMC              | 2F1.38   | 12.1                                    | 12.0                       | 12.0                      | "  |

**7.0 FOMD DEPARTMENT OF MEDICINE**
**7.8.4 DoM Division of General Internal Medicine (cont'd)**

| SPACE CATEGORY  |                      |                    |                         | Current Location<br>Bldg Room No. | Func Prog Space (Net Sq M) <sup>1</sup> |                            |                           | Comments / Space Attributes <sup>2</sup>                             |
|---|----------------------|--------------------|-------------------------|-----------------------------------|---|----------------------------|---------------------------|--|
| Space Use / Function                                  | Position Type        | FoMD Planning Code | Person or PI/Group Name |                                   | Existing                                | Projected Req'm'ts 2017/18 | Recomm Functional Program |  |
| Office  | Trust Tchg/Res Acad  | A3.1               | Rourke, L               | CSB 13-130E                       | -                                       | -                          | -                         | Dr. Rourke's office incl under DoM Admin; proximity to GIM desirable |
| Office  | Assistant Professor  |                    | Tapardel, A             | WMC 2F1.16                        | 11.3                                    | 12.0                       | 12.0                      | FP area based on the GSP allocation <sup>2</sup>                     |
| Office  | F-T Faculty          |                    | Vacant                  | WMC                               | -                                       | 12.0                       | 12.0                      | Position under active recruitment                                    |
| Office  | Professor/Assoc Dean | A1.1               | Hayward, B              | RTF 2-105                         | 12.0                                    | 12.0                       | 12.0                      | FP area based on the GSP allocation <sup>2</sup>                     |
| Office  | F-T Faculty          |                    | Future growth           | -                                 | -                                       | 12.0                       | 12.0                      | 1 addn'l 12.0 NSM offices by 2013/14                                 |
| Office  | F-T Faculty          |                    | Future growth           | -                                 | -                                       | 84.0                       | 84.0                      | 7 addn'l 12.0 NSM offices by 2014/15                                 |
| <b>Subtotal</b>                                       |                      |                    |                         |                                   |   | <b>146.7</b>               | <b>264.0</b>              | <b>264.0</b>   |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>    |                      |                    |                         |                                   |   |                            |                           |  |
| T-D Workstation                                       | Clin Acad Colleague  |                    | Abdulsamad, A           | WMC 2F1.T-D                       | -                                       | 3.0                        | 3.0                       | FP area based on the GSP allocation <sup>2</sup>                     |
| T-D Workstation                                       | Clin Acad Colleague  |                    | Au, A                   | WMC 2F1.T-D                       | -                                       | 3.0                        | 3.0                       | "  |
| T-D Workstation                                       | Clin Acad Colleague  |                    | Bridgeland, L           | WMC 2F1.T-D                       | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Clin Acad Colleague  |                    | Cernohorsky, K          | WMC 2F1.08                        | 10.9                                    | -                          | -                         | "  |
| T-D Workstation                                       | Clin Acad Colleague  |                    | Chui, B                 | WMC 2F1.T-D                       | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Clin Acad Colleague  | C1.2               | Colbourne, S            | WMC 2F1.T-D                       | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Clin Acad Colleague  |                    | Craig, K                | WMC 2F1.T-D                       | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Clin Acad Colleague  | C1.2               | Ghani, A                | WMC 2F1.08                        | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Clin Acad Colleague  |                    | Hwang, P                | WMC 2F1.T-D                       | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Clin Acad Colleague  |                    | Ip, S                   | WMC 2F1.T-D                       | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Clin Acad Colleague  |                    | Reddy, S                | WMC 2F1.T-D                       | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Clin Acad Colleague  |                    | Salmon, S               | WMC 2F1.08                        | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Clin Acad Colleague  |                    | Thompson, S             | WMC 2F1.T-D                       | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Clin Acad Colleague  |                    | Vijay, S                | WMC 2F1.T-D                       | -                                       | -                          | -                         | "  |
| <b>Subtotal</b>                                       |                      |                    |                         |                                   |   | <b>10.9</b>                | <b>6.0</b>                | <b>6.0</b>   |
| <b>4.4 Other Academic / Research / Clinical Staff</b> |                      |                    |                         |                                   |   |                            |                           |  |
| T-D Workstation                                       | Postdoctoral Fellow  |                    | Albalawi, Z             | WMC -                             | -                                       | 3.0                        | 3.0                       | FP area based on the GSP allocation <sup>2</sup>                     |
| T-D Workstation                                       | Grad Student, MSc    |                    | Al-Mamaar, A            | WMC -                             | -                                       | 3.0                        | 3.0                       | "  |
| T-D Workstation                                       | Postdoctoral Fellow  |                    | Babock, H               | WMC -                             | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Fellow, GIM          |                    | Benoit, L               | WMC -                             | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Fellow, GIM          |                    | Cawsey, S               | WMC -                             | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Clinical Fellow      | PG-CF              | Ghamri, K               | WMC -                             | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Clin Research Fellow |                    | Choi, H                 | WMC -                             | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Fellow, Surgery      |                    | Gill, R                 | WMC -                             | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Grad Student, MSc    |                    | Houle, S                | WMC -                             | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Postdoctoral Fellow  |                    | Kahlon, S               | WMC -                             | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Grad Student, PhD    |                    | Lau, D                  | WMC -                             | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Postdoctoral Fellow  |                    | Lyons, K                | WMC -                             | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Clinical Fellow      |                    | Michell-Viret, C        | WMC -                             | -                                       | -                          | -                         | "  |
| T-D Workstation                                       | Fellow, GIM          |                    | Smith, A                | WMC -                             | -                                       | -                          | -                         | "  |
| <b>Subtotal</b>                                       |                      |                    |                         |                                   |   | <b>0.0</b>                 | <b>6.0</b>                | <b>6.0</b>   |

**7.8.4 DoM Division of General Internal Medicine (cont'd)**

| SPACE CATEGORY  |                    |                    |                         | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |            |
|---|--------------------|--------------------|-------------------------|------------------|----------|---|---------------------------|---------------------------|--|------------|
| Space Use / Function  | Position Type      | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No. | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |            |
| <b>4.5 Trainees</b>   |                    |                    |                         |                  |          |   |                           |                           |  |            |
| Workstation   | Resident V         |                    | Baptiste, J             | WMC              | "        | -                                       | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |            |
| Workstation   | Resident IV        |                    | Choudhury, R            | WMC              | "        | -                                       | 3.0                       | 3.0                       | "  |            |
| Workstation   | Resident IV        |                    | Diep, C                 | WMC              | "        | -                                       | 3.0                       | 3.0                       | "  |            |
| Workstation   | Resident IV        |                    | Ho, P                   | WMC              | "        | -                                       | 3.0                       | 3.0                       | "  |            |
| Workstation   | Resident V         |                    | Leon Ardila, H          | WMC              | "        | -                                       | 3.0                       | 3.0                       | "  |            |
| Workstation   | Resident IV        |                    | Manhas, K               | WMC              | "        | -                                       | 3.0                       | 3.0                       | "  |            |
| Workstation   | Resident IV        |                    | Toor, E                 | WMC              | "        | -                                       | 3.0                       | 3.0                       | "  |            |
| Workstation   | Resident IV        |                    | Wilson, B               | WMC              | "        | -                                       | 3.0                       | 3.0                       | "  |            |
| Workstation   | Resident V         |                    | Winterstein, J          | WMC              | "        | -                                       | 3.0                       | 3.0                       | "  |            |
| Workstation   | Resident V         |                    | Zawadowski, M           | WMC              | "        | -                                       | 3.0                       | 3.0                       | "  |            |
| Workstation   | 2 addn'l Residents |                    | Vacant                  | WMC              | "        | -                                       | 6.0                       | 6.0                       | "  |            |
| <b>Subtotal</b>   |                    |                    |                         |                  |          |   | <b>0.0</b>                | <b>36.0</b>               | <b>36.0</b>                                      |            |
| <b>4.6 Division Support Space</b>                                 |                    |                    |                         |                  |          |   |                           |                           |  |            |
| Reception   | -                  | -                  | -                       | -                | -        | -                                       | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |            |
| Conference Room   | -                  | -                  | -                       | WMC              | 2F1.07   | 35.1                                    | 18.0                      | 18.0                      | GSP allocation; could share                      |            |
| Storage, Files  | -                  | -                  | -                       | -                | -        | -                                       | 9.0                       | 9.0                       | FP area based on the GSP allocation <sup>2</sup> |            |
| Copy/Fax Room   | -                  | -                  | -                       | WMC              | 2F1.27   | 9.3                                     | 9.0                       | 9.0                       | GSP allocation; could share                      |            |
| <b>Subtotal</b>   |                    |                    |                         |                  |          |   | <b>44.4</b>               | <b>42.0</b>               | <b>42.0</b>                                      |            |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                    |                    |                         |                  |          |   | <b>285.4</b>              | <b>438.0</b>              | <b>438.0</b>                                     |            |
| <b>TOTAL: DoM, DIVISION OF GENERAL INTERNAL MEDICINE</b>          |                    |                    |                         |                  |          |   | <b>307.6</b>              | <b>474.0</b>              | <b>474.0</b>                                     | <b>NSM</b> |

|   |              |
|---|--------------|
| <b>Total General Internal Medicine Space in the CSB - NSM</b> | <b>474.0</b> |
| <b>Estimated CGSM in the CSB @ 15% Gross Up</b>               | <b>545.1</b> |
| <b>Estimated CGSM in the CSB @ 25% Gross Up</b>               | <b>592.5</b> |

**Notes:**

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. Because General Internal Medicine will move to a new location, i.e. the CSB 5th floor, the Functional Program space allocations generally are based on the GSP guideline allocations, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as-is to the maximum extent possible. For example, the existing offices on the 5th floor range in size from about 11-16 NSM with the majority around 13 NSM.



**7.8.5 DoM Division of Geriatric Medicine**

| SPACE CATEGORY   |                     |                    |                         | Current Location<br>Bldg Room No. | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |
|--|---------------------|--------------------|-------------------------|-----------------------------------|---|---------------------------|---------------------------|--|
| Space Use / Function                                     | Position Type       | FoMD Planning Code | Person or PI/Group Name |                                   | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b> |                     |                    |                         |                                   |   |                           |                           |  |
| Wagg Group   |                     |                    | PI: A. Wagg             | CSB 1-114                         |   |                           |                           |  |
| "  | Research Staff      | SUP-FT             | Yeung, J                | CSB 1-114                         | 16.4                                    | 6.0                       | 16.4                      | FP area based on existing size <sup>2</sup>      |
| "  | Research Support    |                    | Future growth           | - -                               | -                                       | 6.0                       | -                         | Space incl in the 1-114 area above               |
| "  | Postdoctoral Fellow |                    | Future growth           | - -                               | -                                       | 6.0                       | -                         | "  |
| <b>Subtotal</b>  |                     |                    |                         |                                   | <b>16.4</b>                             | <b>18.0</b>               | <b>16.4</b>               |  |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>                       |                     |                    |                         |                                   | <b>16.4</b>                             | <b>18.0</b>               | <b>16.4</b>               |  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>  |                     |                    |                         |                                   |   |                           |                           |  |
| <b>4.1 Division Administration</b>                       |                     |                    |                         |                                   |   |                           |                           |  |
| Workstation  | Admin Assistant     | SUP-FT             | Cribb, D                | CSB 1-118                         | 9.4                                     | 6.0                       | 9.4                       | FP area based on existing size <sup>2</sup>      |
| Workstation  | Admin Secretary     | SUP-FT             | Kravic, J               | CSB 1-108                         | 12.8                                    | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation  | Admin Support       |                    | Future growth           | - -                               | -                                       | 12.0                      | 12.0                      | 2 addn'l workstations @ 6.0 NSM                  |
| <b>Subtotal</b>  |                     |                    |                         |                                   | <b>22.2</b>                             | <b>24.0</b>               | <b>27.4</b>               |  |
| <b>4.2 Faculty, Full-time</b>                            |                     |                    |                         |                                   |   |                           |                           |  |
| Office   | Division Director   | A1.5               | Wagg, A                 | CSB 1-116                         | 16.7                                    | 12.0                      | 16.7                      | FP area based on existing size <sup>2</sup>      |
| Office   | Associate Professor | A1.5               | Alagiakrishnan K        | CSB 1-122                         | 18.4                                    | 12.0                      | 18.4                      | FP area based on existing size <sup>2</sup>      |
| Office   | Associate Professor | A1.5               | Rolfson, D              | CSB B-139G                        | 13.5                                    | 12.0                      | 12.0                      | FP area based on the GSP allocation <sup>2</sup> |
| Office   | F-T Faculty         |                    | Vacant                  | - -                               | -                                       | 12.0                      | 12.0                      | Position under active recruitment                |
| Office   | F-T Faculty         |                    | Future growth           | - -                               | -                                       | 60.0                      | 60.0                      | 5 addn'l 12.0 NSM offices by 2013/14             |
| <b>Subtotal</b>  |                     |                    |                         |                                   | <b>48.6</b>                             | <b>108.0</b>              | <b>119.1</b>              |  |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>       |                     |                    |                         |                                   |   |                           |                           |  |
| Workstation  | Associate Professor | A1.6               | Juby, A                 | CSB 1-110                         | 19.9                                    | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| T-D Workstation  | Asst Clinical Prof  | C1.2               | McAlister-L, F          | CSB 1-122                         | -                                       | 3.0                       | -                         | Space incl in the 1-122 area above               |
| T-D Workstation  | Asst Clinical Prof  | C1.2               | Rucker, D               | CSB 1-110                         | -                                       | -                         | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |
| T-D Workstation  | Emeritus            | -                  | McCracken, P            | CSB -                             | -                                       | -                         | -                         | Shared T-D workstation                           |
| <b>Subtotal</b>  |                     |                    |                         |                                   | <b>19.9</b>                             | <b>9.0</b>                | <b>9.0</b>                |  |

**7.8.5 DoM Division of Geriatric Medicine (cont'd)**

| SPACE CATEGORY  |                    |                    |                         | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |            |
|---|--------------------|--------------------|-------------------------|------------------|----------|---|---------------------------|---------------------------|--|------------|
| Space Use / Function  | Position Type      | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No. | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |            |
| <b>4.5 Trainees</b>   |                    |                    |                         |                  |          |   |                           |                           |  |            |
| Workstation   | Resident IV        |                    | Rai, R                  | -                | -        | -                                       | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |            |
| Workstation   | 2 addn'l Residents |                    | Future Growth           | -                | -        | -                                       | 6.0                       | 6.0                       | "  |            |
| <b>Subtotal</b>   |                    |                    |                         |                  |          |   | <b>0.0</b>                | <b>9.0</b>                | <b>9.0</b>                                       |            |
| <b>4.6 Division Support Space</b>                                 |                    |                    |                         |                  |          |   |                           |                           |  |            |
| Reception   | -                  | -                  | -                       | -                | -        | -                                       | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |            |
| Conference Room   | -                  | -                  | -                       | CSB              | 1-107    | 17.9                                    | 18.0                      | 17.9                      | FP area based on existing size <sup>2</sup>      |            |
| Storage, Files  | -                  | -                  | -                       | -                | -        | -                                       | 9.0                       | 9.0                       | FP area based on the GSP allocation <sup>2</sup> |            |
| Copy/Fax Room   | -                  | -                  | -                       | -                | -        | -                                       | 9.0                       | 9.0                       | GSP allocation; could share                      |            |
| <b>Subtotal</b>   |                    |                    |                         |                  |          |   | <b>17.9</b>               | <b>42.0</b>               | <b>41.9</b>                                      |            |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                    |                    |                         |                  |          |   | <b>108.6</b>              | <b>192.0</b>              | <b>206.4</b>                                     |            |
| <b>TOTAL: DoM, DIVISION OF GERIATRIC MEDICINE</b>                 |                    |                    |                         |                  |          |   | <b>125.0</b>              | <b>210.0</b>              | <b>222.8</b>                                     | <b>NSM</b> |

|  |              |
|--|--------------|
| <b>Total Geriatric Medicine Space in the CSB - NSM</b> | <b>222.8</b> |
| <b>Estimated CGSM in the CSB @ 15% Gross Up</b>        | <b>256.2</b> |
| <b>Estimated CGSM in the CSB @ 25% Gross Up</b>        | <b>278.5</b> |

**Notes:**

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. Because Geriatric Medicine will remain & expand in its current location on the CSB 1st floor, the Functional Program space allocations are based on a combination of the existing room sizes & the GSP guideline allocations, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as-is to the maximum extent possible.

**7.8.6 DoM Division of Hematology**

| SPACE CATEGORY   |                       |                    |                         | Current Location<br>Bldg/Room No. | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>                               |
|--|-----------------------|--------------------|-------------------------|-----------------------------------|---|---------------------------|---------------------------|--|
| Space Use / Function   | Position Type         | FoMD Planning Code | Person or PI/Group Name |                                   | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>3. RESEARCH SPACE</b>   |                       |                    |                         |                                   |   |                           |                           |  |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                       |                    |                         |                                   |   |                           |                           |  |
| New DD Dry Lab   | -                     | -                  | PI: Division Director   | -                                 | -                                       | -                         | -                         | Clinical trials dry lab research team for the new Division Director    |
| Workstation  | Data Manager          |                    |                         | -                                 | -                                       | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup>                       |
| Workstation  | Research Assistant    |                    |                         | -                                 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Clinical Trials Staff |                    |                         | -                                 | -                                       | 24.0                      | 24.0                      | 4-5 clinical trials staff @ 6.0 NSM per workstation                    |
| <b>Subtotal</b>  |                       |                    |                         |                                   |   | <b>0.0</b>                | <b>36.0</b>               | <b>36.0</b>  |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                       |                    |                         |                                   |   | <b>0.0</b>                | <b>36.0</b>               | <b>36.0</b>  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>                    |                       |                    |                         |                                   |   |                           |                           |  |
| <b>4.1 Division Administration</b>   |                       |                    |                         |                                   |   |                           |                           |  |
| Workstation  | Admin Assistant       | SUP-FT             | Barkhouse, R            | CSB 4-112D                        | 13.3                                    | 6.0                       | 13.3                      | FP area based on existing size <sup>2</sup>                            |
| Workstation  | Medical Secretary     | SUP-FT             | Bezanson, T             | CSB 4-112B                        | 41.1                                    | 6.0                       | 41.1                      | 5-6 workstations located in 4-112B                                     |
| Workstation  | Medical Secretary     | SUP-FT             | Breedevelt, C           | CSB 4-112B                        | -                                       | 6.0                       | -                         | Space incl in 4-112B area above  |
| Workstation  | Admin Support         | SUP-FT             | Lumacang, A             | CSB 4-112P                        | 27.3                                    | 6.0                       | 27.3                      | 2 workstns & files located in 4-112P                                   |
| Workstation  | Medical Transcrip     | SUP-FT             | Olson, L                | CSB 4-112B                        | -                                       | 6.0                       | -                         | Space incl in 4-112B area above  |
| Workstation  | Medical Secretary     | SUP-FT             | Prat, C                 | CSB 4-112B                        | -                                       | 6.0                       | -                         | "  |
| Workstation  | Admin Support         | SUP-FT             | Reidford, P             | CSB 4-112N                        | 43.6                                    | 6.0                       | 43.6                      | 4 workstations located in 4-112N, plus internal circulation            |
| Workstation  | Medical Secretary     | SUP-FT             | Sigurdur, K             | CSB 4-112B                        | -                                       | 6.0                       | -                         | Space incl in 4-112B area above  |
| Workstation  | Admin Support         |                    | Vacant                  | -                                 | -                                       | 6.0                       | -                         | Space should be avail in exist'g area                                  |
| Workstation  | Admin Support         |                    | Future growth           |                                   |   | 12.0                      | -                         | 2 addn'l workstations @ 6.0 NSM; space should be avail in exist'g area |
| <b>Subtotal</b>  |                       |                    |                         |                                   | <b>125.3</b>                            | <b>66.0</b>               | <b>125.3</b>              |  |
| <b>4.2 Faculty, Full-time</b>  |                       |                    |                         |                                   |   |                           |                           |  |
| Office   | Division Director     | A1.5               | Larratt, L              | CSB 4-112M                        | 14.4                                    | 12.0                      | 14.4                      | FP area based on existing size <sup>2</sup>                            |
| Office   | Assistant Professor   | A1.5               | Hamilton, M             | CSB 4-112C                        | 14.3                                    | 12.0                      | 14.3                      | "  |
| Office   | Assistant Professor   | A1.5               | Saini, L                | CSB 4-112J                        | 13.3                                    | 12.0                      | 13.3                      | "  |
| Office   | Assistant Professor   | A1.5               | Sandhu, I               | CSB 4-112K                        | 13.3                                    | 12.0                      | 13.3                      | "  |
| Office   | Trust Academic        | A3.1               | Wu, C                   | CSB 4-112F                        | 13.3                                    | 12.0                      | 13.3                      | "  |
| Office   | Assistant Professor   | A1.5               | Zhu, N                  | CSB 4-112G                        | 13.1                                    | 12.0                      | 13.1                      | "  |
| Office   | Assistant Professor   |                    | Peters, A               | CSB 4-112E                        | 13.3                                    | 12.0                      | 13.3                      | "  |
| Office   | Future growth         |                    | Future growth           |                                   | -                                       | 72.0                      | 72.0                      | 6 addn'l 12.0 NSM offices by 2014/15                                   |
| <b>Subtotal</b>  |                       |                    |                         |                                   | <b>95.0</b>                             | <b>156.0</b>              | <b>167.0</b>              |  |

**7.8.6 DoM Division of Hematology (cont'd)**

| SPACE CATEGORY  |                     |                    |                         | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |
|---|---------------------|--------------------|-------------------------|------------------|----------|---|---------------------------|---------------------------|--|
| Space Use / Function  | Position Type       | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No. | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>                |                     |                    |                         |                  |          |   |                           |                           |  |
| T-D Workstation   | Asst Clin Professor | C1.2               | Bodnar, M               | CSB              | -        | -                                       | -                         | -                         | FP area based on the GSP allocation <sup>2</sup> |
| T-D Workstation   | Clinical Lecturer   | C1.2               | Bolster, L              | CSB              | 4-112L   | 13.3                                    | 3.0                       | 3.0                       | "  |
| T-D Workstation   | Emeritus            |                    | Mant, M                 | CSB              | 4-112N   | -                                       | -                         | -                         | Space incl in 4-112N area above                  |
| T-D Workstation   | Asst Clin Professor |                    | Patterson, J            | CSB              | -        | -                                       | -                         | -                         | FP area based on the GSP allocation <sup>2</sup> |
| T-D Workstation   | Asst Clin Professor | C1.2               | Taparia, M              | CSB              | 4-112H   | 13.3                                    | 3.0                       | 3.0                       | "  |
| T-D Workstation   |                     |                    | Turner, R               | CSB              | 4-112N   | -                                       | -                         | -                         | Space incl in 4-112N area above                  |
| <b>Subtotal</b>   |                     |                    |                         |                  |          | <b>26.6</b>                             | <b>6.0</b>                | <b>6.0</b>                |  |
| <b>4.4 Other Academic / Research / Clinical Staff</b>             |                     |                    |                         |                  |          |   |                           |                           |  |
| T-D Workstation   |                     |                    | Crisp, N                | CSB              | 4-112P   | -                                       | 3.0                       | -                         | Space incl in 4-112P area above                  |
| <b>Subtotal</b>   |                     |                    |                         |                  |          | <b>0.0</b>                              | <b>3.0</b>                | <b>0.0</b>                |  |
| <b>4.5 Trainees</b>   |                     |                    |                         |                  |          |   |                           |                           |  |
| Workstation   | Resident IV         | PG-RES             | Ontko, D                | CSB              | 4-112N   | -                                       | 3.0                       | -                         | Space incl in 4-112N area above                  |
| <b>Subtotal</b>   |                     |                    |                         |                  |          | <b>0.0</b>                              | <b>3.0</b>                | <b>0.0</b>                |  |
| <b>4.6 Division Support Space</b>                                 |                     |                    |                         |                  |          |   |                           |                           |  |
| Reception   | -                   | -                  | -                       | CSB              | -        | -                                       | 6.0                       | -                         | FP area based on existing size <sup>2</sup>      |
| Conference Room   | -                   | -                  | -                       | CSB              | 4-112A   | 12.8                                    | 18.0                      | 12.8                      | "  |
| Storage, Files  | -                   | -                  | -                       | CSB              | 4-112T   | 1.5                                     | 9.0                       | 1.5                       | "  |
| Copy/Fax Room   | -                   | -                  | -                       | CSB              | 4-112P   | -                                       | 9.0                       | -                         | "  |
| Internal Circulation  | -                   | -                  | -                       | CSB              | 4-112    | [32.9]                                  | [32.9]                    | [32.9]                    | Circulation allocation incl in gross up          |
| <b>Subtotal</b>   |                     |                    |                         |                  |          | <b>14.3</b>                             | <b>42.0</b>               | <b>14.3</b>               |  |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                     |                    |                         |                  |          | <b>261.2</b>                            | <b>276.0</b>              | <b>312.6</b>              |  |
| <b>TOTAL: DoM, DIVISION OF HEMATOLOGY</b>                         |                     |                    |                         |                  |          | <b>261.2</b>                            | <b>312.0</b>              | <b>348.6</b>              | <b>NSM</b>                                       |

|  |       |
|--|-------|
| Total Hematology Space in the CSB - NSM  | 348.6 |
| Estimated CGSM in the CSB @ 15% Gross Up | 400.9 |
| Estimated CGSM in the CSB @ 25% Gross Up | 435.8 |

**Notes:**

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. Because Hematology will remain & expand in its current location on the CSB 4th floor, the Functional Program space allocations are based on a combination of the existing room sizes & the GSP guideline allocations, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as-is to the maximum extent possible. For example, a number of the existing offices on the 4th floor are approximately 13-14 NSM.

**7.8.7 DoM Division of Infectious Diseases**

| SPACE CATEGORY   |                     |                    |                         | Current Location<br>Bldg Room No. | Func Prog Space (Net Sq M) <sup>1</sup> |                            |                           | Comments / Space Attributes <sup>2</sup> |  |
|--|---------------------|--------------------|-------------------------|-----------------------------------|---|----------------------------|---------------------------|--|--|
| Space Use / Function   | Position Type       | FoMD Planning Code | Person or PI/Group Name |                                   | Existing                                | Projected Req'm'ts 2017/18 | Recomm Functional Program |  |  |
| <b>3. RESEARCH SPACE</b>   |                     |                    |                         |                                   |   |                            |                           |  |  |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                     |                    |                         |                                   |   |                            |                           |  |  |
| Shafran Lab  | -                   | -                  | PI: S. Shafran          | OPR                               | 3T1                                     |                            |                           |  |  |
| Workstation  | Admin Assistant     | SUP-FT             | Douglas, C              | OPR                               | 3T1.22                                  | 13.0                       | 6.0                       | 6.0                                      | FP area based on the GSP allocation <sup>2</sup> |
| Workstation  | Research Nurse      | EXT                | Lindemulder, A          | OPR                               | 3T1.22                                  | -                          | 6.0                       | 6.0                                      | "  |
| Office   |                     | EXT                | Mangan, H               | OPR                               | 3T1.26                                  | 13.0                       | 6.0                       | 6.0                                      | "  |
| Office   |                     | EXT                | Tomlinson, K            | OPR                               | 3T1.24                                  | 13.0                       | 6.0                       | 6.0                                      | "  |
| Office   |                     |                    | Vacant                  | OPR                               | 3T1.21                                  | 13.0                       | 6.0                       | 6.0                                      | "  |
| Storage  | -                   | -                  |                         | OPR                               | 3T1.25                                  | 13.0                       | 6.0                       | 6.0                                      | "  |
| <b>Subtotal</b>  |                     |                    |                         |                                   |   | <b>65.0</b>                | <b>36.0</b>               | <b>36.0</b>                              |  |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                     |                    |                         |                                   |   | <b>65.0</b>                | <b>36.0</b>               | <b>36.0</b>                              |  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>                    |                     |                    |                         |                                   |   |                            |                           |  |  |
| <b>4.1 Division Administration</b>   |                     |                    |                         |                                   |   |                            |                           |  |  |
| Workstation  | Medical Secretary   | SUP-PT             | Mallett, S              | CSB                               | 13-130F                                 | 9.4                        | 6.0                       | 6.0                                      | FP area based on the GSP allocation <sup>2</sup> |
| Workstation  | Admin Assistant     | SUP-FT             | Tytler, A               | WMC                               | 2E4.16                                  | 22.8                       | 6.0                       | 6.0                                      | "  |
| Workstation  | Medical Secretary   | SUP-FT             | La Trace, J             | WMC                               | 2E4.16                                  | -                          | 6.0                       | 6.0                                      | "  |
| Workstation  | Admin Clerk         | SUP-FT             | McDonald, J             | WMC                               | 2E4.16                                  | -                          | 6.0                       | 6.0                                      | "  |
| Workstation  | Medical Secretary   | SUP-FT             | Blouin, A               | WMC                               | 2E4.16                                  | -                          | 6.0                       | 6.0                                      | "  |
| Workstation  | Medical Secretary   | SUP-PT             | Antwright, J            | HMRC                              | 713                                     | -                          | 6.0                       | 6.0                                      | "  |
| Workstation  | Admin Support       |                    | Future growth           | -                                 | -                                       | -                          | 6.0                       | 6.0                                      | 1 addn'l workstation @ 6.0 NSM                   |
| <b>Subtotal</b>  |                     |                    |                         |                                   |   | <b>32.2</b>                | <b>42.0</b>               | <b>42.0</b>                              |  |
| <b>4.2 Faculty, Full-time</b>  |                     |                    |                         |                                   |   |                            |                           |  |  |
| Office   | Division Director   | A1.5               | Taylor, G               | WMC                               | 2E4.14                                  | 10.7                       | 12.0                      | 12.0                                     | FP area based on the GSP allocation <sup>2</sup> |
| Office   | Associate Professor | A1.5               | Doucette, K             | WMC                               | 2E4.15                                  | 12.1                       | 12.0                      | 12.0                                     | "  |
| Office   | Professor 3         | A1.5               | Houston, S              | WMC                               | 2E4.12                                  | 10.1                       | 12.0                      | 12.0                                     | "  |
| Office   | Professor 3         | A1.1               | Preiksaitis, J          | WMC                               | 2B2.08                                  | -                          | 12.0                      | 12.0                                     | "  |
| Office   | Associate Professor | A1.5               | Saxinger, L             | WMC                               | 2E4.19                                  | 20.4                       | 12.0                      | 12.0                                     | "  |
| Office   | Professor 3         | A1.1               | Shafran, S              | WMC                               | 2E4.13                                  | 10.7                       | 12.0                      | 12.0                                     | "  |
| Office   | Assistant Professor | A1.5               | Smith, S                | WMC                               | 2E4.20                                  | 12.1                       | 12.0                      | 12.0                                     | "  |
| Office   | Assistant Professor |                    | O'Shea, D               | -                                 | -                                       | -                          | 12.0                      | 12.0                                     | "  |
| Office   | Professor 3         | A1.5               | Kunimoto, D             | HMRC                              | 713                                     | 29.4                       | 12.0                      | 12.0                                     | "  |
| Office   | F-T Faculty         |                    | Future growth           | -                                 | -                                       | -                          | 12.0                      | 12.0                                     | 1 addn'l 12.0 NSM office by 2012/13              |
| <b>Subtotal</b>  |                     |                    |                         |                                   |   | <b>105.5</b>               | <b>120.0</b>              | <b>120.0</b>                             |  |

## 7.0 FOMD DEPARTMENT OF MEDICINE

**7.8.7 DoM Division of Infectious Diseases (cont'd)**

| SPACE CATEGORY  |                      |                    |                         | Current Location<br>Bldg Room No. | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |
|---|----------------------|--------------------|-------------------------|-----------------------------------|---|---------------------------|---------------------------|--|
| Space Use / Function  | Position Type        | FoMD Planning Code | Person or PI/Group Name |                                   | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>4.4 Other Academic / Research / Clinical Staff</b>             |                      |                    |                         |                                   |   |                           |                           |  |
| T-D Workstation   | Clinical Fellow      | PG-CF              | Burton, C               | - -                               | -                                       | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |
| T-D Workstation   | Clinical Fellow      | PG-CF              | Egli, A                 | - -                               | -                                       | -                         | -                         | "  |
| <b>Subtotal</b>   |                      |                    |                         |                                   |   | <b>0.0</b>                | <b>3.0</b>                | <b>3.0</b>                                       |
| <b>4.5 Trainees</b>   |                      |                    |                         |                                   |   |                           |                           |  |
| Workstation   | Resident V           | PG-RES             | Asadi, L                | - -                               | -                                       | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation   | Resident IV          | PG-RES             | King, A                 | - -                               | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | 1-2 addn'l Residents |                    | Future Growth           | - -                               | -                                       | 6.0                       | 6.0                       | "  |
| <b>Subtotal</b>   |                      |                    |                         |                                   |   | <b>0.0</b>                | <b>12.0</b>               | <b>12.0</b>                                      |
| <b>4.6 Division Support Space</b>                                 |                      |                    |                         |                                   |   |                           |                           |  |
| Reception   | -                    | -                  | -                       | - -                               | -                                       | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Conference Room   | -                    | -                  | -                       | - -                               | -                                       | 18.0                      | 18.0                      | GSP allocation; could share                      |
| Storage, Files  | -                    | -                  | -                       | - -                               | -                                       | 9.0                       | 9.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Copy/Fax Room   | -                    | -                  | -                       | WMC 2E4.02                        | -                                       | 9.0                       | 9.0                       | GSP allocation; could share                      |
| <b>Subtotal</b>   |                      |                    |                         |                                   |   | <b>0.0</b>                | <b>42.0</b>               | <b>42.0</b>                                      |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                      |                    |                         |                                   |   | <b>137.7</b>              | <b>219.0</b>              | <b>219.0</b>                                     |
| <b>TOTAL: DoM, DIVISION OF INFECTIOUS DISEASES</b>                |                      |                    |                         |                                   |   | <b>202.7</b>              | <b>255.0</b>              | <b>255.0</b>                                     |
|   |                      |                    |                         |                                   |   |                           |                           | <b>NSM</b>                                       |

|   |              |
|---|--------------|
| <b>Total Infectious Diseases Space in the CSB - NSM</b> | <b>255.0</b> |
| <b>Estimated CGSM in the CSB @ 15% Gross Up</b>         | <b>293.3</b> |
| <b>Estimated CGSM in the CSB @ 25% Gross Up</b>         | <b>318.8</b> |

**Notes:**

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. Because Infectious Diseases will move to a new location, i.e. the CSB 1st floor, the Functional Program space allocations generally are based on the GSP guideline allocations, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as-is to the maximum extent possible. For example, the existing offices on the 1st floor range in size from about 9-15 NSM with the majority around 13 NSM.

**7.8.8 DoM Division of Nephrology**

| SPACE CATEGORY   |                      |                    |                         | Current Location<br>Bldg Room No. |       | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |
|--|----------------------|--------------------|-------------------------|-----------------------------------|-------|---|---------------------------|---------------------------|--|
| Space Use / Function                                     | Position Type        | FoMD Planning Code | Person or PI/Group Name |                                   |       | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>3. RESEARCH SPACE</b>                                 |                      |                    |                         |                                   |       |   |                           |                           |  |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b> |                      |                    |                         |                                   |       |   |                           |                           |  |
| <b>Kidney Health Research Group</b>                      |                      |                    | <b>KHRG</b>             |                                   |       |   |                           |                           | <b>PI's: Klarenbach, Pannu, Tonelli</b>          |
| Workstation  | Admin Assistant      | SUP-PT             | Ahmad, N                | RTF                               | 3-049 | 23.2                                    | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation  | Postdoctoral Fellow  | PDF                | Ayyalasomayajula        | RTF                               | 3-054 | 34.2                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Grad Research Asst   | GRAD               | Bohlouli, B             | RTF                               | 3-064 | 23.0                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Computer Scientist   |                    | Chodos, D               | RTF                               | 3-034 | 106.5                                   | 6.0                       | 6.0                       | "  |
| Workstation  | Grad Student Schol   |                    | Ehteshami, A            | RTF                               | 3-034 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Grad Student Schol   |                    | Faruque, L              | RTF                               | 3-054 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Support     |                    | Hannam, L               | RTF                               | 3-034 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Admin Assistant      | SUP-PT             | Houston, G              | RTF                               | 3-034 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Support     |                    | Karkhaneh, M            | RTF                               | -     | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Trust Professional   | A3.2               | Lin, M                  | RTF                               | 3-034 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant   |                    | Liu, Bill               | RTF                               | 3-034 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Trust Professional   | A3.2               | Lloyd, A                | RTF                               | 3-049 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant   | SUP-FT             | MahdaviFard, F          | RTF                               | 3-034 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Administrative Clerk | SUP-FT             | Marot, J                | RTF                               | 3-051 | 23.2                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Study Coordinator    |                    | McCoshen, L             | RTF                               | 3-034 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant   | SUP-FT             | McFaul, L               | RTF                               | 3-034 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Study Coordinator    |                    | Muneer, M               | RTF                               | 3-034 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Resident             | PG-RES             | Nadler, B               | RTF                               | 3-034 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant   | SUP-FT             | Opgenorth, D            | RTF                               | 3-050 | 11.5                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Study Assistant      | SUP-PT             | Piquette, L             | RTF                               | 3-034 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant   | SUP-FT             | Ruholl, N               | RTF                               | 3-034 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant   | SUP-FT             | Szigety, S              | RTF                               | 3-034 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant   | SUP-FT             | Tiv, S                  | RTF                               | 3-057 | 23.1                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Research Trainee     |                    | Vanderham, B            | RTF                               | 3-034 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Trust Professional   | A3.2               | Wiebe, N                | RTF                               | 3-048 | 12.9                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Statistical Analyst  | SUP-FT             | Ye, F                   | RTF                               | 3-057 | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant   | SUP-FT             | Borne, B                | -                                 | -     | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Trust Professional   | A3.2               | So, H                   | -                                 | -     | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Support     |                    | Future Growth           | -                                 | -     | -                                       | 30.0                      | 30.0                      | "  |
| Storage  | -                    | -                  | KHRG                    | RTF                               | 3-064 | -                                       | 9.0                       | 9.0                       | "  |
| Conference Room  | -                    | -                  | KHRG                    | RTF                               | 3-058 | 11.5                                    | 18.0                      | 18.0                      | "  |
| Copy/Fax Room  | -                    | -                  | KHRG                    | RTF                               | -     | -                                       | 9.0                       | 9.0                       | "  |
| Workstation  | Research Assistant   |                    | Geambasu, A             | RTF                               | 3-044 | 11.9                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant   | SUP-FT             | George, C               | RTF                               | 3-063 | 11.4                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Research Support     | SUP-FT             | Li, J                   | RTF                               | -     | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Support     |                    | Sabastianski, M         | RTF                               | 3-064 | -                                       | 6.0                       | 6.0                       | "  |
| Workstations   | 3 Coordinators       |                    | Vacant                  | RTF                               | 3-000 | -                                       | 18.0                      | 18.0                      | "  |
| <b>Subtotal</b>  |                      |                    |                         |                                   |       | <b>292.4</b>                            | <b>276.0</b>              | <b>276.0</b>              |  |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>                       |                      |                    |                         |                                   |       | <b>292.4</b>                            | <b>276.0</b>              | <b>276.0</b>              |  |

**7.0 FOMD DEPARTMENT OF MEDICINE**
**7.8.8 DoM Division of Nephrology (cont'd)**

| SPACE CATEGORY  |                     |                          |                            | Current Location<br>Bldg Room No. | Func Prog Space (Net Sq M) <sup>1</sup> |                                 |                                 | Comments / Space Attributes <sup>2</sup>         |
|---|---------------------|--------------------------|----------------------------|-----------------------------------|---|---------------------------------|---------------------------------|--|
| Space Use / Function                                    | Position Type       | FoMD<br>Planning<br>Code | Person or<br>PI/Group Name |                                   | Existing                                | Projected<br>Reqm'ts<br>2017/18 | Recomm<br>Functional<br>Program |  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                     |                          |                            |                                   |   |                                 |                                 |  |
| <b>4.1 Division Administration</b>                      |                     |                          |                            |                                   |   |                                 |                                 |  |
| Workstation   | Medical Secretary   | SUP-FT                   | Boyle, C                   | CSB 11-107                        | 57.7                                    | 6.0                             | 57.7                            | Incl 5 workstns & internal circulation           |
| Workstation   | Medical Secretary   | SUP-FT                   | Hamdon, L                  | CSB 11-107                        | -                                       | 6.0                             | -                               | Space incl in 11-107 area above                  |
| Workstation   | Admin Assistant     | SUP-FT                   | Hernandez, N               | CSB 11-107B                       | 8.5                                     | 6.0                             | 8.5                             | FP area based on existing size                   |
| Office  | Trust Adm/Manager   | A3.3                     | Jolles, E                  | CSB 11-132A                       | -                                       | 12.0                            | 12.0                            | FP area based on the GSP allocation <sup>2</sup> |
| Workstation   | Medical Secretary   | SUP-FT                   | Killips, C                 | CSB 11-107                        | -                                       | 6.0                             | -                               | Space incl in 11-107 area above                  |
| Workstation   | Admin Assistant     | SUP-FT                   | Luyendyk, S                | CSB 11-129                        | 9.8                                     | 6.0                             | 9.8                             | FP area based on existing size                   |
| Workstation   | Medical Secretary   | SUP-FT                   | Mendys, K                  | CSB 11-107                        | -                                       | 6.0                             | -                               | Space incl in 11-107 area above                  |
| Workstation   | Medical Secretary   | SUP-FT                   | Moore, R                   | CSB 7-127                         | 7.2                                     | 6.0                             | 6.0                             | FP area based on the GSP allocation <sup>2</sup> |
| Workstation   | Admin Support       | SUP-FT                   | Morrissey, D               | CSB 11-107                        | -                                       | 6.0                             | -                               | Space incl in 11-107 area above                  |
| Workstation   | Admin Assistant     | SUP-FT                   | Paterson, J                | CSB 11-101A                       | 11.2                                    | 6.0                             | 11.2                            | FP area based on existing size                   |
| Workstation   | Admin Secretary     | SUP-FT                   | Semper, L                  | CSB 11-132                        | 24.4                                    | 6.0                             | 24.4                            | Incl 2 workstns & internal circulation           |
| Workstation   | Medical Secretary   | SUP-FT                   | Thompson, S                | CSB 7-134                         | 20.1                                    | 6.0                             | 6.0                             | FP area based on the GSP allocation <sup>2</sup> |
| Workstation   | Medical Secretary   | SUP-FT                   | Tran, L                    | CSB 11-107C                       | 8.7                                     | 6.0                             | 8.7                             | FP area based on existing size                   |
| Workstation   | Medical Secretary   | SUP-FT                   | Wildeboer, C               | CSB 11-132B                       | 9.6                                     | 6.0                             | 9.6                             | FP area based on existing size                   |
| Workstation   | Medical Secretary   |                          | Thompson, S                | CSB 7-134                         | -                                       | 6.0                             | 6.0                             | FP area based on the GSP allocation <sup>2</sup> |
| Workstation   | Admin Support       |                          | Future growth              |                                   |   | 12.0                            | 12.0                            | 2 addn'l workstations @ 6.0 NSM                  |
| <b>Subtotal</b>   |                     |                          |                            |                                   | <b>157.2</b>                            | <b>108.0</b>                    | <b>171.9</b>                    |  |
| <b>4.2 Faculty, Full-time</b>                           |                     |                          |                            |                                   |   |                                 |                                 |  |
| Office  | Division Director   | A1.5                     | Jindal, K                  | CSB 11-101A1                      | 17.3                                    | 12.0                            | 17.3                            | FP area based on existing size                   |
| Office  | Assistant Professor |                          | Bello, A                   | CSB 7-125                         | 13.0                                    | 12.0                            | 12.0                            | FP area based on the GSP allocation <sup>2</sup> |
| Office  | Associate Professor | A1.5                     | Braam, G                   | CSB 11-132A                       | 11.0                                    | 12.0                            | 11.0                            | FP area based on existing size                   |
| Office  | Trust Academic      | A3.1                     | Caldwell, S                | CSB 11-131                        | 11.5                                    | 12.0                            | 11.5                            | FP area based on existing size                   |
| Office  | Professor 3         | A1.5                     | Cockfield, S               | CSB 11-135                        | 15.9                                    | 12.0                            | 15.9                            | FP area based on existing size                   |
| Office  | Associate Professor | A1.5                     | Courtney, M                | CSB 11-133                        | 11.3                                    | 12.0                            | 11.3                            | FP area based on existing size                   |
| Office  | Associate Professor |                          | Davison, S                 | CSB 7-134A                        | 16.7                                    | 12.0                            | 12.0                            | FP area based on the GSP allocation <sup>2</sup> |
| Office  | Associate Professor | A1.5                     | Gourishankar, S            | CSB 11-102                        | 12.9                                    | 12.0                            | 12.9                            | FP area based on existing size                   |
| Office  | Trust Academic      | A3.1                     | Grynoch, J                 | CSB 11-107E                       | 10.5                                    | 12.0                            | 10.5                            | FP area based on existing size                   |
| Office  | Trust Academic      | A3.1                     | Habib, S                   | CSB 11-107A                       | 12.0                                    | 12.0                            | 12.0                            | FP area based on existing size                   |
| Office  | Associate Professor | A1.5                     | Klarenbach, S              | CSB 7-123                         | 10.3                                    | 12.0                            | 12.0                            | FP area based on the GSP allocation <sup>2</sup> |
| Office  | Associate Professor | A1.5                     | McMahon, A                 | CSB 11-132C                       | 15.8                                    | 12.0                            | 15.8                            | FP area based on existing size                   |
| Office  | Associate Professor | A1.5                     | Pannu, N                   | CSB 7-133                         | 11.0                                    | 12.0                            | 12.0                            | FP area based on the GSP allocation <sup>2</sup> |
| Office  | Assistant Professor | A1.5                     | Pauly, R                   | CSB 7-135                         | 12.0                                    | 12.0                            | 12.0                            | FP area based on the GSP allocation <sup>2</sup> |
| Office  | Trust Academic      | A3.1                     | Qarni, U                   | CSB 11-107F                       | 12.6                                    | 12.0                            | 12.6                            | FP area based on existing size                   |
| Office  | Associate Professor | A1.5                     | Tonelli, M                 | CSB 7-129                         | 12.5                                    | 12.0                            | 12.0                            | FP area based on the GSP allocation <sup>2</sup> |
| Office  | F-T Faculty         |                          | Vacant                     | CSB 11-107D                       | 9.3                                     | 12.0                            | 9.3                             | FP area based on existing size                   |
| Office  | F-T Faculty         |                          | Future growth              |                                   | -                                       | 48.0                            | 48.0                            | 4 addn'l 12.0 NSM offices by 2014/15             |
| <b>Subtotal</b>   |                     |                          |                            |                                   | <b>215.6</b>                            | <b>252.0</b>                    | <b>260.1</b>                    |  |



## 7.0 FOMD DEPARTMENT OF MEDICINE

**7.8.8 DoM Division of Nephrology (cont'd)**

| SPACE CATEGORY  |                 |                    |                         | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |
|---|-----------------|--------------------|-------------------------|------------------|----------|---|---------------------------|---------------------------|--|
| Space Use / Function  | Position Type   | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No. | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>4.4 Other Academic / Research / Clinical Staff</b>             |                 |                    |                         |                  |          |   |                           |                           |  |
| T-D Workstation   |                 | GRAD               | Badr, D                 | -                | -        | -                                       | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |
| T-D Workstation   |                 | GRAD               | Mojiri, A               | -                | -        | -                                       | -                         | -                         | "  |
| T-D Workstation   | Clinical Fellow |                    | Shah, N                 | -                | -        | -                                       | -                         | -                         | "  |
| T-D Workstation   | Fellow          |                    | Riyahd, A-S             | CSB              | 7-131    | 9.0                                     | -                         | -                         | "  |
| T-D Workstation   |                 | PDF                | Chui, B                 | RTF              | -        | -                                       | -                         | -                         | "  |
| T-D Workstation   | Research Fellow | C1.2               | Kalenga, J              | RTF              | 3-054    | -                                       | -                         | -                         | "  |
| T-D Workstation   | Clinical Fellow |                    | Fernandez, S            | WMC              | 5A1.06   | 6.0                                     | -                         | -                         | "  |
| T-D Workstation   | Clinical Fellow | PG-CF              | Osman, M                | WMC              | 5A1.06   | -                                       | -                         | -                         | "  |
| T-D Workstation   | Clinical Fellow | PG-CF              | Wong, B                 | WMC              | 5A1.06   | -                                       | -                         | -                         | "  |
| <b>Subtotal</b>   |                 |                    |                         |                  |          | <b>15.0</b>                             | <b>3.0</b>                | <b>3.0</b>                |  |
| <b>4.5 Trainees</b>   |                 |                    |                         |                  |          |   |                           |                           |  |
| Workstation   | Resident V      | PG-RES             | Michalska, M            | WMC              | 5C1.21   | 6.0                                     | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation   | Resident        | PG-RES             | Samanta, R              | WMC              | 5C1.21   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident        | PG-RES             | Villeneuve, P           | WMC              | 5C1.21   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident        | PG-RES             | Wen, K                  | WMC              | 5C1.21   | -                                       | 3.0                       | 3.0                       | "  |
| <b>Subtotal</b>   |                 |                    |                         |                  |          | <b>6.0</b>                              | <b>12.0</b>               | <b>12.0</b>               |  |
| <b>4.6 Division Support Space</b>                                 |                 |                    |                         |                  |          |   |                           |                           |  |
| Reception   | -               | -                  | -                       | -                | -        | -                                       | 6.0                       | -                         | Space incl in 11-107 & 11-132 areas              |
| Conference Room   | -               | -                  | -                       | CSB              | 11-103   | 14.5                                    | 18.0                      | 14.5                      | FP area based on existing size                   |
| Conference Room   | -               | -                  | -                       | CSB              | 7-113    | 19.2                                    | -                         | -                         |  |
| Conference Room   | -               | -                  | -                       | CSB              | 7-125    | 12.6                                    | -                         | -                         |  |
| Storage   | -               | -                  | -                       | CSB              | 11-126   | 1.8                                     | 9.0                       | 9.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Copy/Fax Room   | -               | -                  | -                       | CSB              | 11-107   | -                                       | 9.0                       | -                         | Space incl in 11-107 area above                  |
| <b>Subtotal</b>   |                 |                    |                         |                  |          | <b>48.1</b>                             | <b>42.0</b>               | <b>23.5</b>               |  |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                 |                    |                         |                  |          | <b>441.9</b>                            | <b>417.0</b>              | <b>470.5</b>              |  |
| <b>TOTAL: DoM, DIVISION OF NEPHROLOGY</b>                         |                 |                    |                         |                  |          | <b>734.3</b>                            | <b>693.0</b>              | <b>746.5</b>              | <b>NSM<sup>3</sup></b>                           |

|   |              |
|---|--------------|
| <b>Total Nephrology Space in the CSB - NSM</b>  | <b>746.5</b> |
| <b>Estimated CGSM in the CSB @ 15% Gross Up</b> | <b>858.5</b> |
| <b>Estimated CGSM in the CSB @ 25% Gross Up</b> | <b>933.1</b> |

**Notes:**

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. Because Nephrology will remain &amp; expand in its current location on the CSB 11th floor, the Functional Program space allocations are based on a combination of the existing room sizes &amp; the GSP guideline allocations, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as-is to the maximum extent possible. For example, a number of the existing offices on the 4th floor are approximately 9-15 NSM.

It is also understood that the total projected 5-year space needs of Nephrology will likely exceed the total available space on the 11th floor, and therefore, some redistribution of existing offices and workstations may be appropriate.

3. The existing area of 734.3 sqm includes portions of internal circulation, e.g. in CSB 11-107, etc.

**7.8.9 DoM Division of Neurology**

| SPACE CATEGORY   |                      |                    |                         | Current Location<br>Bldg Room No. |         | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>  |
|--|----------------------|--------------------|-------------------------|-----------------------------------|---------|---|---------------------------|---------------------------|---|
| Space Use / Function   | Position Type        | FoMD Planning Code | Person or PI/Group Name |                                   |         | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |   |
| <b>3. RESEARCH SPACE</b>   |                      |                    |                         |                                   |         |   |                           |                           |   |
| <b>3.1 Research - Serviced / Wet Laboratory Space, incl Support</b>        |                      |                    |                         |                                   |         |   |                           |                           |   |
| <b>MS Research</b>   |                      |                    |                         | <b>PI: K. Warren</b>              |         |   |                           |                           |   |
| Serviced Lab   | -                    | -                  | "                       | CSB                               | 9-120A  | 78.2                                    | -                         | -                         | Space incl below under new dry lab  |
| Office   | -                    | -                  | "                       | CSB                               | 9-120A1 | 12.0                                    | -                         | -                         | "   |
| Bio-containment Rm   | -                    | -                  | "                       | CSB                               | 9-120A2 | 7.5                                     | -                         | -                         | "   |
| Cold Room  | -                    | -                  | "                       | CSB                               | 9-120B  | 13.6                                    | -                         | -                         | "   |
| Corridor   | -                    | -                  | "                       | CSB                               | 9-120   | 6.6                                     | -                         | -                         | "   |
| <b>Subtotal</b>  |                      |                    |                         |                                   |         | <b>117.9</b>                            | <b>0.0</b>                | <b>0.0</b>                |   |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b>                   |                      |                    |                         |                                   |         |   |                           |                           |   |
| <b>Gross Group</b>   |                      |                    |                         | <b>PI: D. Gross</b>               |         |   |                           |                           |   |
| Workstation  | Research Asst, Nurse | SUP-FT             | Tagliapietra, S         | CSB                               | B-117a  | 14.9                                    | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup>                                    |
| <b>MS Centre</b>   |                      |                    |                         | <b>PI: C. Power</b>               |         |   |                           |                           |   |
| New Dry Lab  | -                    | -                  | -                       | -                                 | -       | -                                       | 118.0                     | 118.0                     | Proposed new MS Centre in CSB (replaces MS Research incl above under Wet Lab Space) |
| <b>Suchowersky Group</b>   |                      |                    |                         | <b>PI: Suchowersky</b>            |         |   |                           |                           |   |
| Workstation  | Genetic Counsellor   |                    | Burnell, L              | WMC                               | 2E3     |   | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup>                                    |
| T-D Workstation  | Clin Research Fellow |                    | Manosalva, A            | WMC                               | 2E3.09  | 11.0                                    | 3.0                       | 3.0                       | "   |
| Workstation  | Med Lab Tech         | SUP-PT             | McCann, P               | WMC                               | 2E3     |   | 6.0                       | 6.0                       | "   |
| <b>Subtotal</b>  |                      |                    |                         |                                   |         | <b>25.9</b>                             | <b>139.0</b>              | <b>139.0</b>              |   |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                      |                    |                         |                                   |         |   |                           |                           |   |
| <b>Kalra Group</b>   |                      |                    |                         | <b>PI: S. Kalra</b>               |         |   |                           |                           |   |
| Workstation  | Research Assistant   | SUP-FT             | Wrona, S                | RTF                               | 3-029   | 22.3                                    | 6.0                       | 6.0                       | Multiple workstations in 3-029  |
| <b>Butcher Group</b>   |                      |                    |                         | <b>PI: K. Butcher</b>             |         |   |                           |                           |   |
| Workstation  | Research Assistant   |                    | Gaucher, T              | WMC                               | 0A8.32  | -                                       | 6.0                       | 6.0                       |   |
| <b>Subtotal</b>  |                      |                    |                         |                                   |         | <b>22.3</b>                             | <b>12.0</b>               | <b>12.0</b>               |   |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b>  |                      |                    |                         |                                   |         |   |                           |                           |   |
| <b>Siddiqi Group</b>   |                      |                    |                         | <b>PI: Z. Siddiqi</b>             |         |   |                           |                           |   |
| Workstation  | Research Assistant   | SUP-PT             | Blackmore, D            | ECS                               |         | -                                       | -                         | -                         | Space incl in Kaye Edmonton Clinic  |
| Workstation  | Research Nurse       |                    | Gaucher, S              | WMC                               | 0A8.32  | -                                       | -                         | -                         | Space incl w/ ABACUS in the WMC   |
| Workstation  | Graduate Research    |                    | Sivakumar, L            | WMC                               | 0A8.32  | -                                       | -                         | -                         | "   |
| Workstation  | Research Support     |                    | Vacant                  | CSB                               |         |   | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup>                                    |
| <b>Blevins Group</b>   |                      |                    |                         | <b>PI: G. Blevins</b>             |         |   |                           |                           |   |
| Workstation  | Research Support     |                    | Dumont, P               | -                                 | -       | -                                       | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup>                                    |
| Workstation  | Research Support     |                    | White, L                | -                                 | -       | -                                       | 6.0                       | 6.0                       | "   |
| <b>Subtotal</b>  |                      |                    |                         |                                   |         | <b>0.0</b>                              | <b>18.0</b>               | <b>18.0</b>               |   |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                      |                    |                         |                                   |         | <b>166.1</b>                            | <b>169.0</b>              | <b>169.0</b>              |   |

**7.8.9 DoM Division of Neurology (cont'd)**

| SPACE CATEGORY  |                     |                    |                         | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |
|---|---------------------|--------------------|-------------------------|------------------|----------|---|---------------------------|---------------------------|--|
| Space Use / Function                                    | Position Type       | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No. | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                     |                    |                         |                  |          |   |                           |                           |  |
| <b>4.1 Division Administration</b>                      |                     |                    |                         |                  |          |   |                           |                           |  |
| Workstation   | Medical Secretary   | SUP-FT             | Allin, C                | WMC              | 2E3 #7   | 131.2                                   | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation   | Program Coordinator | SUP-FT             | Aquin, J                | WMC              | 2E3 #6   | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Medical Secretary   | SUP-FT             | Arcand, S               | WMC              | 2E3 #16  | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Medical Secretary   | SUP-FT             | Dewar, K                | WMC              | 2E3 #11  | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Medical Secretary   | SUP-FT             | Drost, C                | WMC              | 2E3 open | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Medical Secretary   | SUP-FT             | Fitzner, J              | WMC              | 2E3 open | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Medical Secretary   |                    | Jacobson, J             | WMC              | 2E3 #15  | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Medical Transcrip   | SUP-FT             | Johnson, P              | WMC              | 2E3 #3   | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Medical Secretary   | SUP-FT             | Larida, V               | WMC              | 2E3 #12  | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Medical Secretary   | SUP-FT             | MacDonald, A            | WMC              | 2E3 #10  | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Admin Assistant     | SUP-FT             | McKenzie, K             | WMC              | 2E3 #4   | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Admin Assistant     | SUP-FT             | Miko, D                 | WMC              | 2E3 #13  | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Medical Secretary   | SUP-FT             | Stitsen, J              | WMC              | 2E3 #14  | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Admin Assistant     | SUP-FT             | Tiller, S               | WMC              | 2E3.28   | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Medical Secretary   |                    | Wherman, J              | WMC              | 2E3 #8   | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Medical Secretary   | SUP-FT             | York, G                 | WMC              | 2E3 #2   | -                                       | 6.0                       | 6.0                       | "  |
| Workstation   | Admin Support       |                    | Future growth           |                  |          | -                                       | 12.0                      | 12.0                      | 2 addn'l workstations @ 6.0 NSM                  |
| <b>Subtotal</b>   |                     |                    |                         |                  |          | <b>131.2</b>                            | <b>108.0</b>              | <b>108.0</b>              |  |
| <b>4.2 Faculty, Full-time</b>                           |                     |                    |                         |                  |          |   |                           |                           |  |
| Office  | Division Director   | A1.5               | Roberts, T              | WMC              | 2E3.26   | 12.5                                    | 12.0                      | 12.0                      | FP area based on the GSP allocation <sup>2</sup> |
| Office  | Associate Professor | A1.5               | Ahmedd, S               | WMC              | 2E3.12   | 10.8                                    | 12.0                      | 12.0                      | "  |
| Office  | Assistant Professor | A1.5               | Blevins, G              | WMC              | 2E3.24   | 10.8                                    | 12.0                      | 12.0                      | "  |
| Office  | Assistant Professor | A1.5               | Buck, B                 | WMC              | 2E3.33   | 11.4                                    | 12.0                      | 12.0                      | "  |
| Office  | Assistant Professor | A1.5               | Butcher, K              | WMC              | 2E3.27   | 10.5                                    | 12.0                      | 12.0                      | "  |
| Office  | Professor 2         |                    | Camicioli, J            | WMC              | 2E3.33   | -                                       | 12.0                      | 12.0                      | "  |
| Office  | Professor 3         | A1.5               | Elleker, M              | WMC              | 2E3.07   | 10.7                                    | 12.0                      | 12.0                      | "  |
| Office  | Associate Professor | A1.5               | Gross, D                | WMC              | 2E3.19   | 9.7                                     | 12.0                      | 12.0                      | "  |
| Office  | Associate Professor | A1.5               | Jeerakathil, T          | WMC              | 2E3.22   | 11.0                                    | 12.0                      | 12.0                      | "  |
| Office  | Assistant Professor | A1.5               | Jirsch, J               | WMC              | 2E3.31   | 11.4                                    | 12.0                      | 12.0                      | "  |
| Office  | Associate Professor |                    | Johnston, W             | WMC              | 2E3.17   | 11.0                                    | 12.0                      | 12.0                      | "  |
| Office  | Associate Professor | A1.5               | Kalra, S                | WMC              | 2E3.18   | 11.5                                    | 12.0                      | 12.0                      | "  |
| Office  | Associate Professor | A1.5               | Khan, K                 | WMC              | 2E3.16   | 10.8                                    | 12.0                      | 12.0                      | "  |
| Office  | Professor 3         | A1.5               | Martin, W               | WMC              | 2E3.08   | 11.0                                    | 12.0                      | 12.0                      | "  |
| Office  | Associate Professor | A1.5               | Saqqur, M               | WMC              | 2E3.21   | 11.4                                    | 12.0                      | 12.0                      | "  |
| Office  | Professor 3         | A1.1               | Shuaib, A               | WMC              | 2E3.13   | 10.8                                    | 12.0                      | 12.0                      | "  |
| Office  | Associate Professor | A1.5               | Siddiqi, Z              | WMC              | 2E3.11   | 11.4                                    | 12.0                      | 12.0                      | "  |
| Office  | Assistant Professor | A1.5               | Smyth, P                | WMC              | 2E3.23   | 10.8                                    | 12.0                      | 12.0                      | "  |
| Office  | Professor 3         | A1.1               | Suchowersky, O          | WMC              | 2E3.32   | 11.4                                    | 12.0                      | 12.0                      | "  |
| Office  | Professor 3         | A1.1               | Warren, K               | CSB              | 9-101C   | 17.4                                    | 12.0                      | 12.0                      | "  |

**7.8.9 DoM Division of Neurology (cont'd)**

| SPACE CATEGORY  |                      |                    |                         | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |
|---|----------------------|--------------------|-------------------------|------------------|----------|---|---------------------------|---------------------------|--|
| Space Use / Function                                  | Position Type        | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No. | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| Office  | F-T Faculty          |                    | Future growth           |                  |          | -                                       | 24.0                      | 24.0                      | 2 addn'l 12.0 NSM offices by 2012/13             |
| Office  | F-T Faculty          |                    | Future growth           |                  |          | -                                       | 12.0                      | 12.0                      | 1 addn'l 12.0 NSM offices by 2013/14             |
| Office  | F-T Faculty          |                    | Future growth           |                  |          | -                                       | 36.0                      | 36.0                      | 3 addn'l 12.0 NSM offices by 2014/15             |
| <b>Subtotal</b>                                       |                      |                    |                         |                  |          | <b>216.3</b>                            | <b>312.0</b>              | <b>312.0</b>              |  |
| <b>4.4 Other Academic / Research / Clinical Staff</b> |                      |                    |                         |                  |          |   |                           |                           |  |
| T-D Workstation                                       | Clin Research Fellow |                    | Ba, F                   | WMC              | 4G1.11   |   | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |
| T-D Workstation                                       | Clinical Fellow      |                    | Basir, G                | WMC              | 2E3.09   | -                                       | -                         | -                         | "  |
| T-D Workstation                                       | Clinical Fellow      |                    | Ghrooda, E              | WMC              | 2E3.09   | -                                       | -                         | -                         | "  |
| T-D Workstation                                       | Clinical Fellow      |                    | Kate, M                 | WMC              | 2E3.09   | -                                       | -                         | -                         | "  |
| T-D Workstation                                       | Clinical Fellow      |                    | Parthasarathy, R        | WMC              | 2E3.09   | -                                       | -                         | -                         | "  |
| T-D Workstation                                       | Clinical Fellow      |                    | Pio, F                  | WMC              | 2E3.09   | -                                       | -                         | -                         | "  |
| T-D Workstation                                       | Clinical Fellow      |                    | Siddiqi, M              | WMC              | 2E3.09   | -                                       | -                         | -                         | "  |
| T-D Workstation                                       | Asst Clinical Prof   | C1.2               | McCombe, J              | CSB              | 7-132D   | 9.4                                     | 3.0                       | 3.0                       | "  |
| <b>Subtotal</b>                                       |                      |                    |                         |                  |          | <b>9.4</b>                              | <b>6.0</b>                | <b>6.0</b>                |  |
| <b>4.5 Trainees</b>                                   |                      |                    |                         |                  |          |   |                           |                           |  |
| Workstation   | Resident III         |                    | Alkutbi, A              | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation   | Resident II          |                    | Alluqmani, M            | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident II          |                    | Bogusz, E               | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident I           |                    | Choi, W                 | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident III         |                    | Dobrowolski, P          | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident I           |                    | Duke, C                 | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident V           |                    | Emsalem, A              | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident II          |                    | Hussain, M              | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident IV          |                    | Jamil, A                | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident III         |                    | Kromm, J                | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident IV          |                    | Mortada, A              | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident IV          |                    | Nowacki, T              | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident V           |                    | Rizvi, N                | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident V           |                    | Steve, T                | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident I           |                    | Witt, A                 | WMC              | 4G1.11   | -                                       | 3.0                       | 3.0                       | "  |
| <b>Subtotal</b>                                       |                      |                    |                         |                  |          | <b>0.0</b>                              | <b>45.0</b>               | <b>45.0</b>               |  |

**7.8.9 DoM Division of Neurology (cont'd)**

| SPACE CATEGORY  |               |                    |                         | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |            |
|---|---------------|--------------------|-------------------------|------------------|----------|---|---------------------------|---------------------------|--|------------|
| Space Use / Function  | Position Type | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No. | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |            |
| <b>4.6 Division Support Space</b>                                 |               |                    |                         |                  |          |   |                           |                           |  |            |
| Reception   | -             | -                  | -                       | -                | -        | -                                       | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |            |
| Conference Room   | -             | -                  | -                       | WMC              | 2E3.36   | 16.9                                    | 18.0                      | 18.0                      | GSP allocation; could share                      |            |
| Storage   | -             | -                  | -                       | -                | -        | -                                       | 9.0                       | 9.0                       | FP area based on the GSP allocation <sup>2</sup> |            |
| Copy/Fax Room   | -             | -                  | -                       | WMC              | 2E3      | -                                       | 9.0                       | 9.0                       | GSP allocation; could share                      |            |
| <b>Subtotal</b>   |               |                    |                         |                  |          |   | <b>16.9</b>               | <b>42.0</b>               | <b>42.0</b>                                      |            |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |               |                    |                         |                  |          |   | <b>373.8</b>              | <b>513.0</b>              | <b>513.0</b>                                     |            |
| <b>TOTAL: DoM, DIVISION OF NEUROLOGY</b>                          |               |                    |                         |                  |          |   | <b>539.9</b>              | <b>682.0</b>              | <b>682.0</b>                                     | <b>NSM</b> |

|   |              |
|---|--------------|
| <b>Total Neurology Space in the CSB - NSM</b>   | <b>682.0</b> |
| <b>Estimated CGSM in the CSB @ 15% Gross Up</b> | <b>784.3</b> |
| <b>Estimated CGSM in the CSB @ 25% Gross Up</b> | <b>852.5</b> |

**Notes:**

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. Because Neurology will move to a new location, i.e. the CSB 7th floor, the Functional Program space allocations generally are based on the GSP guideline allocations, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as-is to the maximum extent possible. For example, the existing offices on the 1st floor range in size from about 7.5-13 NSM with a number of them around 9 NSM.

**7.8.10 DoM Division of Pulmonary Medicine**

| SPACE CATEGORY   |                     |                    |                         | Current Location<br>Bldg Room No. |       | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |
|--|---------------------|--------------------|-------------------------|-----------------------------------|-------|---|---------------------------|---------------------------|--|
| Space Use / Function   | Position Type       | FoMD Planning Code | Person or PI/Group Name |                                   |       | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>3. RESEARCH SPACE</b>   |                     |                    |                         |                                   |       |   |                           |                           |  |
| <b>3.2 Research - Dry Laboratory Space, incl Support</b>                   |                     |                    |                         |                                   |       |   |                           |                           |  |
| <b>Dr. Long Group</b>  |                     |                    |                         | <b>PI: R. Long</b>                |       |   |                           |                           |  |
| Workstation  | Research Assistant  | SUP-FT             | Boyes, K                | ABC                               | 8332  | 15.6                                    | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation  | Database Analyst    | SUP-FT             | Chroniaris, B           | ABC                               | 8335  | 9.6                                     | 6.0                       | 6.0                       | "  |
| Workstation  | Nurse Practitioner  | SUP-FT             | Eisenbeis, L            | ABC                               | 8326  | 36.0                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant  | SUP-FT             | Heffernan, C            | ABC                               | 8326  | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Unit Epidemiologist | PDF                | Langlois-K, D           | ABC                               | 8326  | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant  |                    | Lau, Angela             | ABC                               | 8332  | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Grad Student, PhD   |                    | Moffat, J               | ABC                               | 8300  | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant  |                    | Taets, V                | ABC                               | 8332  | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | PhD Student         |                    | Varughese, M            | ABC                               | 8332  | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Summer Students     |                    | 2 students              | ABC                               | 8332  | -                                       | -                         | -                         | "  |
| Workstation  | Medical Secretary   |                    | Vacant                  | ABC                               | 8334A | -                                       | 6.0                       | 6.0                       | "  |
| <b>Asthma Centre</b>   |                     |                    |                         |                                   |       |   |                           |                           |  |
| T-D Workstation  | Research Associate  |                    | McGhan, S               | ABC                               | 8333  | 20.0                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Research Support    | SUP-FT             | Douglas, M              | ABC                               | 8334  | 33.6                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Medical Secretary   | SUP-FT             | Ahmed, S                | ABC                               | 8334A | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Research Support    | SUP-FT             | Vacant                  | ABC                               | 8334A | -                                       | 6.0                       | 6.0                       | "  |
| Workstation  | Laboratory Tech     |                    | Mah, D                  | ABC                               | 8334C | -                                       | 6.0                       | 6.0                       | "  |
| <b>Subtotal</b>  |                     |                    |                         |                                   |       | <b>114.8</b>                            | <b>90.0</b>               | <b>90.0</b>               |  |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                     |                    |                         |                                   |       |   |                           |                           |  |
| <b>Dr. Mayers Group</b>  |                     |                    |                         | <b>PI: I. Mayers</b>              |       |   |                           |                           |  |
| Workstation  | Research Assistant  | SUP-FT             | Bowen, M                | RTF                               | 4-021 | 11.6                                    | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation  | Research Assistant  | SUP-FT             | Hillaby, A              | RTF                               | 4-022 | 11.7                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Admin Assistant     | SUP-PT             | Krzanstek, A            | RTF                               | 4-020 | 11.2                                    | 6.0                       | 6.0                       | "  |
| Workstation  | Research Assistant  | SUP-FT             | Luke, F                 | RTF                               | 4-020 | -                                       | 6.0                       | 6.0                       | "  |
| <b>Subtotal</b>  |                     |                    |                         |                                   |       | <b>34.5</b>                             | <b>24.0</b>               | <b>24.0</b>               |  |

**7.8.10 DoM Division of Pulmonary Medicine (cont'd)**

| SPACE CATEGORY  |                     |                    |                         | Current Location |                  | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>          |
|---|---------------------|--------------------|-------------------------|------------------|------------------|---|---------------------------|---------------------------|---|
| Space Use / Function  | Position Type       | FoMD Planning Code | Person or PI/Group Name | Bldg             | Room No.         | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |   |
| <b>3.4 Research - Dry Laboratory (Human Subjects) Space, incl Support</b> |                     |                    |                         |                  |                  |   |                           |                           |   |
| <b>Dr. Stickland Lab</b>  |                     |                    |                         |                  |                  |   |                           |                           |   |
| Human Subjects Lab  | -                   | -                  | PI: M. Stickland        | -                | -                | -                                       | 75.0                      | 75.0                      | FP area based on the suggested preliminary layout |
| Workstation   | Student             |                    | Buyers, B               | ABC              | 8-324/           | 42.0                                    | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup>  |
| Workstation   | Postdoctoral Fellow | PDF                | EdgeII, H               | ABC              | 8-334B/<br>8-328 | -                                       | 6.0                       | 6.0                       | "   |
| Workstation   | Research Assistant  | SUP-FT             | Fuhr, D                 | ABC              | "                | -                                       | 6.0                       | 6.0                       | "   |
| Workstation   | Postdoctoral Fellow | SUP-PT             | McGarvey, W             | ABC              | "                | -                                       | 6.0                       | 6.0                       | "   |
| Workstation   | Postdoctoral Fellow |                    | Moore, L                | ABC              | "                | -                                       | 6.0                       | 6.0                       | "   |
| Workstation   | Research Support    | SUP-FT             | Rieger, M               | ABC              | "                | -                                       | 6.0                       | 6.0                       | "   |
| Workstation   | Postdoctoral Fellow |                    | Tgdjasaputra, V         | ABC              | "                | -                                       | 6.0                       | 6.0                       | "   |
| Workstation   | Research Support    |                    | Future Growth           | -                | -                | -                                       | 18.0                      | 18.0                      | 3 addn'l workstations @ 6.0 NSM                   |
| <b>Dr. Vliagoftis Lab</b>   |                     |                    |                         |                  |                  |   |                           |                           |   |
| Human Subjects Lab  | -                   | -                  | PI: H. Vliagoftis       | -                | -                | -                                       | 75.0                      | 75.0                      | Similar requirements to Stickland Lab             |
| <b>Subtotal</b>   |                     |                    |                         |                  |                  |   | <b>42.0</b>               | <b>210.0</b>              | <b>210.0</b>                                      |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>  |                     |                    |                         |                  |                  |   | <b>191.3</b>              | <b>324.0</b>              | <b>324.0</b>                                      |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>                   |                     |                    |                         |                  |                  |   |                           |                           |   |
| <b>4.1 Division Administration</b>  |                     |                    |                         |                  |                  |   |                           |                           |   |
| Workstation   | Admin Support/AHS   |                    | Chaba, D                | WMC              |                  | -                                       | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup>  |
| Workstation   | Medical Secretary   | SUP-FT             | de Guzman, I            | WMC              | 2E4.27           | 14.9                                    | 6.0                       | 6.0                       | "   |
| Workstation   | Medical Secretary   | SUP-FT             | Falconer, S             | WMC              | 2E4.41           | 25.3                                    | 6.0                       | 6.0                       | "   |
| Workstation   | Medical Secretary   | SUP-FT             | Lizotte, J              | WMC              | 2E4              | -                                       | 6.0                       | 6.0                       | "   |
| Workstation   | Admin Assistant     | SUP-FT             | Mabindisa, T            | WMC              | 2E4.36           | 22.4                                    | 6.0                       | 6.0                       | "   |
| Workstation   | Admin Support/AHS   |                    | Roth, S                 | WMC              |                  | -                                       | 6.0                       | 6.0                       | "   |
| Workstation   | Medical Secretary   | SUP-FT             | Tobin, C                | WMC              | 2E4.31           | 22.2                                    | 6.0                       | 6.0                       | "   |
| Workstation   | Admin Support       | SUP-FT             | Turakova-B, Z           | WMC              | 2E4-36           | -                                       | 6.0                       | 6.0                       | "   |
| Workstation   | Admin Support       |                    | Future growth           | -                | -                | -                                       | 18.0                      | 18.0                      | 3 addn'l workstations @ 6.0 NSM                   |
| Workstation   | Medical Secretary   | SUP-FT             | Alexander, L            | CP               | 2-25C            | 20.5                                    | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup>  |
| Workstation   | Admin Assistant     | SUP-PT             | Hartt, N                | CP               | 2-25             | 42.6                                    | 6.0                       | 6.0                       | "   |
| Workstation   | Medical Secretary   | SUP-FT             | Pineda, R               | CP               | 2-25             | -                                       | 6.0                       | 6.0                       | "   |
| Workstation   | Admin Assistant     | SUP-FT             | Wachniak, K             | CP               | 2-25C            | -                                       | 6.0                       | 6.0                       | "   |
| <b>Subtotal</b>   |                     |                    |                         |                  |                  |   | <b>147.9</b>              | <b>90.0</b>               | <b>90.0</b>                                       |

**7.0 FOMD DEPARTMENT OF MEDICINE**
**7.8.10 DoM Division of Pulmonary Medicine (cont'd)**

| SPACE CATEGORY                                     |                     |                    |                         | Current Location<br>Bldg Room No. | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup> |  |
|--|---------------------|--------------------|-------------------------|-----------------------------------|---|---------------------------|---------------------------|--|--|
| Space Use / Function                               | Position Type       | FoMD Planning Code | Person or PI/Group Name |                                   | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |  |
| <b>4.2 Faculty, Full-time</b>                      |                     |                    |                         |                                   |   |                           |                           |  |  |
| Office   | Division Director   | A1.5               | Vliagoftis, H           | HMRC                              | 561                                     | 10.1                      | 12.0                      | 12.0                                     | FP area based on the GSP allocation <sup>2</sup> |
| Office   | Associate Professor | A1.5               | Bhutani, M              | WMC                               | 2E4.44                                  | 12.0                      | 12.0                      | 12.0                                     | "  |
| Office   | Associate Professor | A1.5               | Cheung, L               | WMC                               | 2E4.34                                  | 11.7                      | 12.0                      | 12.0                                     | "  |
| Office   | Associate Professor | A1.5               | Damant, R               | WMC                               | 2E4.37                                  | 11.7                      | 12.0                      | 12.0                                     | "  |
| Office   | Assistant Professor | A1.5               | Kapasi, A               | WMC                               | 2E4.42                                  | 12.0                      | 12.0                      | 12.0                                     | "  |
| Office   | Asst Clinical Prof  |                    | Leung, W                | CP                                | 2-25F                                   | 9.1                       | 12.0                      | 12.0                                     | "  |
| Office   | Professor 3         | A1.5               | Lien, D                 | WMC                               | 2E4.33                                  | 12.2                      | 12.0                      | 12.0                                     | "  |
| Office   | Professor 3         | A1.5               | Man, G                  | WMC                               | 2E4.26                                  | 18.7                      | 12.0                      | 12.0                                     | "  |
| Office   | Assistant Professor | A1.5               | Nador, R                | WMC                               | 2E4.43                                  | 12.0                      | 12.0                      | 12.0                                     | "  |
| Office   | Associate Professor | A1.5               | Vethanayagam            | WMC                               | 2E4.29                                  | 13.2                      | 12.0                      | 12.0                                     | "  |
| Office   | Associate Professor | A1.5               | Weinkauf, J             | WMC                               | 2E4.39                                  | 10.7                      | 12.0                      | 12.0                                     | "  |
| Office   | Associate Professor | A1.5               | Wong, E                 | WMC                               | 2E4.32                                  | 10.7                      | 12.0                      | 12.0                                     | "  |
| Office   | Professor 3         | A1.5               | Long, R                 | ABC                               | 8-325                                   | 15.0                      | 12.0                      | 12.0                                     | "  |
| Office   | Assistant Professor | A1.5               | McNab, B                | ABC                               | 8-327                                   | 15.0                      | 12.0                      | 12.0                                     | "  |
| Office   | Assistant Professor | A1.5               | Stickland, M            | ABC                               | 8-334B                                  | -                         | 12.0                      | 12.0                                     | "  |
| Office   | Assistant Professor | A1.5               | Verma, G                | ABC                               | 8-329                                   | 15.0                      | 12.0                      | 12.0                                     | "  |
| Office   | Professor 3         | A2.2               | Brown, N                | CP                                | 2-25E                                   | 10.4                      | 12.0                      | 12.0                                     | "  |
| Office   | Assistant Professor | A1.5               | Kalluri, M              | CP                                | 2-25D                                   | 9.3                       | 12.0                      | 12.0                                     | "  |
| Office   | Professor 3         | A1.5               | Mayers, I               | CP                                | 2-25A                                   | 15.9                      | 12.0                      | 12.0                                     | "  |
| Office   | F-T Faculty         |                    | Future growth           | -                                 | -                                       | -                         | 24.0                      | 24.0                                     | 2 addn'l 12.0 NSM offices by 2012/13             |
| Office   | F-T Faculty         |                    | Future growth           | -                                 | -                                       | -                         | 36.0                      | 36.0                                     | 3 addn'l 12.0 NSM offices by 2013/14             |
| Office   | F-T Faculty         |                    | Future growth           | -                                 | -                                       | -                         | 36.0                      | 36.0                                     | 3 addn'l 12.0 NSM offices by 2014/15             |
| <b>Subtotal</b>                                    |                     |                    |                         |                                   |   | <b>224.7</b>              | <b>324.0</b>              | <b>324.0</b>                             |  |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b> |                     |                    |                         |                                   |   |                           |                           |  |  |
| Workstation  | Cont Tchg Professor |                    | Jones, R                | ABC                               | 8-328                                   | -                         | 6.0                       | 6.0                                      | FP area based on the GSP allocation <sup>2</sup> |
| T-D Workstation                                    | Asst Clinical Prof  | C1.2               | Bibeau, M               | WMC                               | 2E4.38                                  | 12.2                      | 3.0                       | 3.0                                      | FP area based on the GSP allocation <sup>2</sup> |
| T-D Workstation                                    | FFS                 |                    | Carmeu, D               | -                                 | -                                       | -                         | -                         | -  | "  |
| T-D Workstation                                    | Asst Clinical Prof  | C1.2               | Chiam, B                | -                                 | -                                       | -                         | -                         | -  | "  |
| T-D Workstation                                    | Assoc Clinical Prof | C1.2               | Jackson, T              | -                                 | -                                       | -                         | -                         | -  | "  |
| T-D Workstation                                    | Locum               |                    | Mulchey, K              | -                                 | -                                       | -                         | -                         | -  | "  |
| T-D Workstation                                    | Asst Clinical Prof  | C1.2               | Wei, P                  | -                                 | -                                       | -                         | -                         | -  | "  |
| T-D Workstation                                    | FFS                 |                    | Yehya, J                | -                                 | -                                       | -                         | -                         | -  | "  |
| T-D Workstation                                    | Assoc Clinical Prof | C1.2               | Richman-E, J            | CP                                | 2-25B                                   | 10.2                      | -                         | -  | "  |
| <b>Subtotal</b>                                    |                     |                    |                         |                                   |   | <b>22.4</b>               | <b>9.0</b>                | <b>9.0</b>                               |  |



**7.8.10 DoM Division of Pulmonary Medicine (cont'd)**

| SPACE CATEGORY  |               |                    |                         |                                | Func Prog Space (Net Sq M) <sup>1</sup> |              |                    |  | Comments / Space Attributes <sup>2</sup> |
|---|---------------|--------------------|-------------------------|--------------------------------|---|--------------|--------------------|--|--|
| Space Use / Function  | Position Type | FoMD Planning Code | Person or PI/Group Name | Current Location Bldg/Room No. | Existing                                | Projected    | Recomm             |  |  |
|   |               |                    |                         |                                |   | 2017/18      | Functional Program |  |  |
| <b>4.5 Graduate Students</b>                                      |               |                    |                         |                                |   |              |                    |  |  |
| Workstation   | Resident IV   | PG-RES             | Bhandari, R             | WMC 2E4.01/21                  | 20.6                                    | 3.0          | 3.0                | FP area based on the GSP allocation <sup>2</sup> |  |
| Workstation   | Resident IV   | PG-RES             | Birdi, K                | WMC                            | -                                       | 3.0          | 3.0                | "  |  |
| Workstation   | Resident IV   | PG-RES             | Iqbal, H                | WMC                            | "                                       | 3.0          | 3.0                | "  |  |
| Workstation   | Resident V    | PG-RES             | MacIntyre, E            | WMC                            | "                                       | 3.0          | 3.0                | "  |  |
| Workstation   | Resident IV   | PG-RES             | Parhar, A               | WMC                            | "                                       | 3.0          | 3.0                | "  |  |
| Workstation   | Resident V    | PG-RES             | Sidhu, A                | WMC                            | "                                       | 3.0          | 3.0                | "  |  |
| Workstation   | Resident V    | PG-RES             | Ullah, S                | WMC                            | "                                       | 3.0          | 3.0                | "  |  |
| Workstation   | Resident      |                    | Vacant                  | WMC                            | "                                       | 3.0          | 3.0                | "  |  |
| <b>Subtotal</b>   |               |                    |                         |                                |   | <b>20.6</b>  | <b>24.0</b>        | <b>24.0</b>                                      |  |
| <b>4.6 Division Support Space</b>                                 |               |                    |                         |                                |   |              |                    |  |  |
| Reception   | -             | -                  | -                       | -                              | -                                       | 6.0          | 6.0                | FP area based on the GSP allocation <sup>2</sup> |  |
| Conference Room   | -             | -                  | -                       | RTF 4-000                      | -                                       | 18.0         | 18.0               | GSP allocation; could share                      |  |
| Storage, Files  | -             | -                  | -                       | WMC 2E4.31/36/41               | -                                       | 9.0          | 9.0                | FP area based on the GSP allocation <sup>2</sup> |  |
| Copy/Fax Room   | -             | -                  | -                       | WMC 2E4.02                     | 8.4                                     | 9.0          | 9.0                | GSP allocation; could share                      |  |
| <b>Subtotal</b>   |               |                    |                         |                                |   | <b>8.4</b>   | <b>42.0</b>        | <b>42.0</b>                                      |  |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |               |                    |                         |                                |   | <b>424.0</b> | <b>489.0</b>       | <b>489.0</b>                                     |  |
| <b>TOTAL: DoM, DIVISION OF PULMONARY MEDICINE</b>                 |               |                    |                         |                                |   | <b>615.3</b> | <b>813.0</b>       | <b>813.0</b>                                     | <b>NSM</b>                               |

**Total Pulmonary Medicine Space in the CSB - NSM**
**813.0**
**Estimated CGSM in the CSB @ 15% Gross Up**
**935.0**
**Estimated CGSM in the CSB @ 25% Gross Up**
**1,016.3**
**Notes:**

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. Because Pulmonary Medicine will move to a new location, i.e. the CSB 3rd floor, the Functional Program space allocations generally are based on the GSP guideline allocations, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as-is to the maximum extent possible.

It is also understood that the total projected 5-year space needs of Pulmonary Medicine will likely exceed the total available space on the 3rd floor, e.g. a portion of the dry lab (human subjects) space will likely need to be located on a different floor, e.g. potentially the 1st floor.

**7.8.11 DoM Division of Rheumatology**

| SPACE CATEGORY   |                     |                    |                         | Current Location<br>Bldg Room No. | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>  |
|--|---------------------|--------------------|-------------------------|-----------------------------------|---|---------------------------|---------------------------|---|
| Space Use / Function   | Position Type       | FoMD Planning Code | Person or PI/Group Name |                                   | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |   |
| <b>3. RESEARCH SPACE</b>   |                     |                    |                         |                                   |   |                           |                           |   |
| <b>3.3 Research - Dry Laboratory (Clinical Trials) Space, incl Support</b> |                     |                    |                         |                                   |   |                           |                           |   |
| Shared Clinical Trials Support   | -                   | -                  | PI's: Various           |                                   |   |                           |                           | Supports all Rheumatology clinical trials for PI's: J. Homik, S. Keeling & W. Maksymowych |
| Workstation  | Research Support    | EXT                | Hutchings, E            | CSB 9-112D                        | 10.3                                    | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup>  |
| Workstation  | Research Support    |                    | Lawstiwka, R            | CSB 9-112                         | -                                       | 6.0                       | 6.0                       | "   |
| Monitor Room   | -                   | -                  | -                       | -                                 | -                                       | 10.0                      | 10.0                      | "   |
| Files Storage  | -                   | -                  | -                       | -                                 | -                                       | 10.0                      | 10.0                      | "   |
| <b>Subtotal</b>  |                     |                    |                         |                                   | <b>10.3</b>                             | <b>32.0</b>               | <b>32.0</b>               |   |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>   |                     |                    |                         |                                   | <b>10.3</b>                             | <b>32.0</b>               | <b>32.0</b>               |   |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>                    |                     |                    |                         |                                   |   |                           |                           |   |
| <b>4.1 Division Administration</b>   |                     |                    |                         |                                   |   |                           |                           |   |
| Workstation  | Medical Secretary   | SUP-FT             | Barton, J               | HMRC 562H                         | 11.7                                    | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup>  |
| Workstation  | Medical Secretary   | SUP-FT             | Carter, S               | HMRC 562H                         | -                                       | 6.0                       | 6.0                       | "   |
| Workstation  | Medical Secretary   | SUP-FT             | Ellebruch, M            | HMRC 568B                         | -                                       | 6.0                       | 6.0                       | "   |
| Workstation  | Admin Support       |                    | Johnston, C             | HMRC 562A                         | 44.5                                    | 6.0                       | 6.0                       | "   |
| Workstation  | Medical Secretary   | SUP-FT             | Siik, M                 | HMRC 562A                         | -                                       | 6.0                       | 6.0                       | "   |
| Workstation  | Admin Secretary     | SUP-FT             | Stevens, C              | HMRC 562A                         | -                                       | 6.0                       | 6.0                       | "   |
| Workstation  | Admin Support       |                    | Stocker, A              | HMRC 562A                         | -                                       | 6.0                       | 6.0                       | "   |
| Workstation  | Medical Secretary   | SUP-FT             | Tcaczyk, L              | HMRC 562A                         | -                                       | 6.0                       | 6.0                       | "   |
| Workstation  | Admin Support       |                    | Tindall, M              | HMRC 562A                         | -                                       | 6.0                       | 6.0                       | "   |
| Workstation  | Admin Support       | SUP-FT             | Future growth           | -                                 | -                                       | 12.0                      | 12.0                      | 2 addn'l workstations @ 6.0 NSM   |
| <b>Subtotal</b>  |                     |                    |                         |                                   | <b>56.2</b>                             | <b>66.0</b>               | <b>66.0</b>               |   |
| <b>4.2 Faculty, Full-time</b>  |                     |                    |                         |                                   |   |                           |                           |   |
| Office   | Division Director   | A1.5               | Homik, J                | HMRC 562F                         | 11.0                                    | 12.0                      | 12.0                      | FP area based on the GSP allocation <sup>2</sup>  |
| Office   | Professor 3         | A1.5               | Aaron, S                | HMRC 562E                         | 11.1                                    | 12.0                      | 12.0                      | "   |
| Office   | Professor 3         | A1.1               | Davis, P                | HMRC 562D                         | 11.1                                    | 12.0                      | 12.0                      | "   |
| Office   | Associate Professor | A1.5               | Keeling, S              | HMRC 562                          | 16.5                                    | 12.0                      | 12.0                      | "   |
| Office   | Assistant Professor | A1.5               | Oswald, A               | HMRC 564                          | 11.2                                    | 12.0                      | 12.0                      | "   |
| Office   | Assistant Professor | A1.5               | Yacyshyn, E             | HMRC 562C                         | 10.8                                    | 12.0                      | 12.0                      | "   |
| Office   | F-T Faculty         |                    | Future growth           | -                                 | -                                       | 24.0                      | 24.0                      | 2 addn'l 12.0 NSM offices by 2012/13  |
| Office   | F-T Faculty         |                    | Future growth           | -                                 | -                                       | 24.0                      | 24.0                      | 2 addn'l 12.0 NSM offices by 2013/14  |
| Office   | F-T Faculty         |                    | Future growth           | -                                 | -                                       | 12.0                      | 12.0                      | 1 addn'l 12.0 NSM offices by 2014/15  |
| <b>Subtotal</b>  |                     |                    |                         |                                   | <b>71.7</b>                             | <b>132.0</b>              | <b>132.0</b>              |   |

**7.8.11 DoM Division of Rheumatology (cont'd)**

| SPACE CATEGORY  |                    |                    |                         |                                | Func Prog Space (Net Sq M) <sup>1</sup> |                           |                           | Comments / Space Attributes <sup>2</sup>         |
|---|--------------------|--------------------|-------------------------|--------------------------------|---|---------------------------|---------------------------|--|
| Space Use / Function  | Position Type      | FoMD Planning Code | Person or PI/Group Name | Current Location Bldg/Room No. | Existing                                | Projected Reqm'ts 2017/18 | Recomm Functional Program |  |
| <b>4.3 Faculty, Part-time / Adjunct / Emeritus</b>                |                    |                    |                         |                                |   |                           |                           |  |
| Workstation   | Asst Clinical Prof | C1.2               | Katz, S                 | HMRC 562G                      | 7.6                                     | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| T-D Workstation   | Emeritus           |                    | Russell, A              | HMRC 562B                      | 13.9                                    | 3.0                       | 3.0                       | "  |
| T-D Workstation   | P-T Faculty        |                    | Teo, M                  | HMRC 562A                      | -                                       | 3.0                       | 3.0                       | "  |
| <b>Subtotal</b>   |                    |                    |                         |                                |   | <b>21.5</b>               | <b>12.0</b>               | <b>12.0</b>                                      |
| <b>4.4 Other Academic / Research / Clinical Staff</b>             |                    |                    |                         |                                |   |                           |                           |  |
| T-D Workstation   | Clinical Lecturer  | C1.2               | Abdulsamad, A           | HMRC 562A                      | -                                       | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |
| <b>Subtotal</b>   |                    |                    |                         |                                |   | <b>0.0</b>                | <b>3.0</b>                | <b>3.0</b>                                       |
| <b>4.5 Trainees</b>   |                    |                    |                         |                                |   |                           |                           |  |
| Workstation   | Resident V         | PG-RES             | Yeung, J                | HMRC 562A                      | -                                       | 3.0                       | 3.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Workstation   | Resident V         | PG-RES             | Zhao, B                 | HMRC 562A                      | -                                       | 3.0                       | 3.0                       | "  |
| Workstation   | Resident           |                    | Vacant                  | HMRC 562A                      | -                                       | 3.0                       | 3.0                       | "  |
| <b>Subtotal</b>   |                    |                    |                         |                                |   | <b>0.0</b>                | <b>9.0</b>                | <b>9.0</b>                                       |
| <b>4.6 Division Support Space</b>                                 |                    |                    |                         |                                |   |                           |                           |  |
| Reception   | -                  | -                  | -                       | -                              | -                                       | 6.0                       | 6.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Conference Room   | -                  | -                  | -                       | HMRC 550B                      | [45.9]                                  | 18.0                      | 18.0                      | GSP allocation; could share                      |
| Storage, Files  | -                  | -                  | -                       | HMRC 562                       | -                                       | 9.0                       | 9.0                       | FP area based on the GSP allocation <sup>2</sup> |
| Copy/Fax Room   | -                  | -                  | -                       |                                | -                                       | 9.0                       | 9.0                       | GSP allocation; could share                      |
| <b>Subtotal</b>   |                    |                    |                         |                                |   | <b>0.0</b>                | <b>42.0</b>               | <b>42.0</b>                                      |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                    |                    |                         |                                |   | <b>149.4</b>              | <b>264.0</b>              | <b>264.0</b>                                     |
| <b>TOTAL: DoM, DIVISION OF RHEUMATOLOGY</b>                       |                    |                    |                         |                                |   | <b>159.7</b>              | <b>296.0</b>              | <b>296.0</b> NSM <sup>2</sup>                    |

|  |              |
|--|--------------|
| <b>Total Rheumatology Space in the CSB - NSM</b> | <b>296.0</b> |
| <b>Estimated CGSM in the CSB @ 15% Gross Up</b>  | <b>340.4</b> |
| <b>Estimated CGSM in the CSB @ 25% Gross Up</b>  | <b>370.0</b> |

**Notes:**

1. All areas used in this document are net assignable square metres unless otherwise indicated.

2. Because Rheumatology will move to a new location, i.e the CSB 8th floor, the Functional Program space allocations generally are based on the GSP guideline allocations, recognizing that the overall intent of the CSB backfill is to utilize the existing layout and room sizes as-is to the maximum extent possible. For example, most of the existing offices on the 8th floor are approximately 10-11 NSM.

## 8.0 FACULTY OF REHABILITATION MEDICINE

### 8.1 PARAMETERS & ASSUMPTIONS

The proposed Backfill Plan for the CSB includes space for the Faculty of Rehabilitation Medicine (FRM). The space request developed for the Faculty is based on their supported requirements and their need for growth. Discussions with the Faculty have identified the 6<sup>th</sup> floor of the CSB as the recommended location. The total available area on the 6<sup>th</sup> floor is approximately 720 net assignable square metres.

In the process of developing and refining its space request for the CSB Backfill, the Faculty of Rehabilitation Medicine has identified the following general parameters and assumptions.

- Make best use of space in the CSB to support the Faculty's priority to optimize Corbett Hall (CH) as a teaching environment, i.e. consider CSB as 'satellite' space for uses such as dry lab research, offices, graduate students and clinical research programs.
- Use the CSB as an opportunity to consolidate Faculty research groups/clusters, in particular those that have a strong functional relationship with programs/services that are also located in the CSB or in adjacent facilities such as the WMC and Kaye Edmonton Clinic, e.g. musculoskeletal (MSK) research cluster, Glen Sather Clinic research group, and the rehabilitation/audiology/speech research cluster.
- To the extent possible, make best use of the CSB space 'as is', i.e. avoid the need for major re-purposing and renovations of the space.
- Take advantage of the availability of teaching spaces such as classrooms and lecture theatres in nearby facilities such as on the 2<sup>nd</sup> floor of the CSB, in Corbett Hall, and in the ECHA, rather than replicating these in the Faculty's space.

Space requirements for the Faculty's functions located in buildings other than the CSB are not included in this Functional Program.

### 8.2 ACADEMIC NARRATIVE

The Faculty of Rehabilitation Medicine provides academic leadership and training in rehabilitation science, physical therapy, occupational therapy and speech-language pathology including MSc and PhD programs. Activities focus on teaching, research and clinical practice. The Faculty is a research leader in MSK health, spinal cord injuries, cardiopulmonary rehabilitation, chronic pain management, senior's health, and the application of information and communication technologies to support community care.

#### 8.2.1 Department of Physical Therapy

The Department of Physical Therapy proposes to locate the following groups into the CSB space:

1. MSK Research Group, including the Glen Sather Clinic Research Group
2. Spine/Scoliosis Group
3. Magee Endowed Chair in MSK Rehabilitation Research.

MSK Research Group - There are two groups performing multi-faculty, collaborative, clinical research between the Department of Physical Therapy and the Division of Orthopedic Surgery, as well as many other groups that also contribute to this research. The larger clinical program led by Dr.

## 8.0 FACULTY OF REHABILITATION MEDICINE

Beaupre is active in multiple specialty MSK areas and focuses on functional recovery following surgery and preoperative/ perioperative rehabilitation. This group has two very well-established research areas - addressing rehabilitation and surgical issues around total joint arthroplasty and adult MSK trauma (with a focus on hip fracture patients). There is also, expanding area (Upper Extremity); developing areas of clinical research (Pediatrics and Foot/Ankle); and Soft Tissue Knee Injury / Sport Medicine research that is in the planning phase with the transition to the new Glen Sather Sport Medicine Clinic.

The main research location is in the UAH Rehabilitation Department and there are also individuals working at other sites and an OUTREACH team.

Glen Sather Sport Medicine Clinic - The Clinic is moving into the new Kaye Edmonton Clinic and is working to develop its research program now under the direct leadership of the FRM. While the Kaye Edmonton Clinic affords excellent clinical space it was not designed to accommodate a research team, which includes Dr. Chepeha and Dr. Bostick from the Department of Physical Therapy. The FRM would like the Sather Researchers to have a physical presence within the larger, more diverse MSK Research group.

The Faculty envisions locating the overall MSK research program in a central 'hub' in the CSB to benefit the established groups through improved communications, increased collaborations, etc. There are resources that could be shared among the groups, including personnel, equipment and IT. A formal MSK group that represents multiple disciplines led by Physical Therapy and Orthopedic Surgery could form a Centre of Excellence in MSK Research that would be recognizable at local, provincial, national and international levels. This would also increase the Faculty's ability to attract high quality trainees from multiple areas (e.g. Physical Therapy, Orthopedic Surgery, Engineering) and training levels (e.g. MSc, PhD, Postdoctoral Fellowships, residency, post-surgical fellowships).

Spine/Scoliosis Group - This group represents the second arm of clinical research across the two departments and is led by Dr. Lou in the Department of Surgery and a research scientist at AHS, in collaboration with Dr. Parent in Physical Therapy and a Clinical-Scientist within AHS. The basic science research program is led by Dr. Jomha, an orthopaedic surgeon with a PhD specialization in cartilage cryopreservation. The Spine/Scoliosis group is working to establish themselves as a recognized clinical research entity, a goal that might more easily be attained if they are under the umbrella of a diverse MSK program that includes both basic and clinical research. Finally, the Cartilage Regeneration/Preservation group is moving towards translational research and will require a connection with the clinical research group.

The spine group has been focused in 4 main areas - addressing the etiology, clinical assessment, non-surgical and surgical treatment issues around children with spinal deformity (with a particular focus on adolescents with scoliosis). There are also 2 expanding areas of clinical research around back pain and quality of life, as well as plans to expand their research to adult spine.

Their primary research location is at the Glenrose Rehabilitation Research Center. On campus, there are students working in Dr. Parent's research laboratory in Corbett Hall, students in the Katz building and working with Dr. Adeeb in the Markin/CNRL NREF building, and individuals working at different engineering departments at the U of A. The pediatric spine research fellow divides his time between the Glenrose, Dr. Parent's lab, and the surface topography lab in the CSB.

## 8.0 FACULTY OF REHABILITATION MEDICINE

The Cartilage Regeneration/Preservation group recently moved into new laboratory space on the 3<sup>rd</sup> floor of Li Ka Shing where it will remain. While this basic science group currently is self-sufficient, it soon will need to move its research discoveries into the clinical realm, which will require close collaborations with the clinical research groups to conduct translational studies.

Magee Endowed Chair in MSK Rehabilitation Research - The Magee Endowed Chair, established in 2011, is a renewable 5 year research appointment within the Faculty. The inaugural Chair is Dr. L. Woodhouse who has established research links with the Alberta Bone and Joint Institute, the Division of Orthopedic Surgery and the Cross Cancer Institute. As the Magee Endowed Chair is the first and only endowed Chair in Physical Therapy in Canada, the Faculty of Rehabilitation Medicine would like to do everything possible to ensure its success. Given that the focus of the Endowed Chair is MSK Rehabilitation, having it linked to the larger MSK initiative should provide an opportunity for collaborative research involving the larger group (lead by Dr. Beaupre) as well as the Glen Sather Research team.

### 8.2.2 Department of Occupational Therapy

Initially, the Department of Occupational Therapy proposed to locate 3 research groups into the CSB space: the Western Canadian Sexology Institute (WCSI), the Family and Disability Studies Initiative (FDSI), and the Special Interest Group on Aging (SIGA). Subsequently, the Faculty determined that due to the CSB's space limitations the WCSI and SIGA would need to be located elsewhere.

Family and Disability Studies Initiative - The FDSI is a fast-growing, multi-disciplinary, international collaboration of researchers, practitioners and community organizations dedicated to advancing knowledge and promoting the participation, health, and wellbeing of people with lifelong disabilities, across the lifespan. Current projects are externally funded at provincial, national (tri-council) and international (WUN network) levels.

This initiative is directed by Dr. David McConnell, a Professor in the Department of Occupational Therapy. U of A collaborators include Dr. Sandra Hodgetts, Faculty of Rehabilitation Medicine, as well as others from the Faculty of Agricultural, Life and Environmental Sciences - Human Ecology, Faculty of Nursing, Faculty of Education - Educational Psychology, and Faculty of Science - Mathematical and Statistical Sciences. A growing team of graduate research students is actively involved in the FDSI, including 6 PhD students supervised by Dr. McConnell. There are national and international research collaborators from Brock University, West Montreal Readaptation Centre, University of Sydney, University of Lancaster, and University of Iceland.

### 8.2.3 Department of Speech Pathology and Audiology (SPA)

The SPA Department proposes to locate the following groups in the CSB space:

1. Rehabilitation Audiology Centre, including the New Audiology Program
2. Developmental Stuttering and Speech Research

Rehabilitation Audiology Centre - The rapid growth of an aging population and the high incidence of hearing loss is the impetus for the establishment of a Rehabilitation Audiology Centre – and fits well with plans for the addition of an academic program in audiology. The province of Alberta offers no rehabilitation services to adult citizens following the fitting of hearing aids or cochlear implants. The need for research activity and outcome measures is great and the benefits of knowledge translation

## 8.0 FACULTY OF REHABILITATION MEDICINE

for clinical/community service are apparent. This area of instruction and research is viable for the department at present and will be the perfect place for inter-disciplinary training of speech-language pathologists (SLPs) and audiologists of the future. When an audiology program is added, training and research will gain even more momentum.

New Audiology Program - There is a demand across Canada for more audiologists to address the needs of an aging population. There is only one audiology training program west of Ontario (at UBC), which takes approximately 10 students per year. The long-awaited establishment of an audiology training program in Alberta is a high priority for growth in the SPA Department and the FRM. This new program fits well with the establishment of a Rehabilitation Audiology Centre and together they would position the U of A at the forefront of rehabilitation audiology in Canada.

Developmental Stuttering and Speech Research - The Institute for Stuttering Treatment and Research (ISTAR) is a self-supporting, non-profit organization that offers specialized treatment to children, teens and adults who stutter. In addition, ISTAR conducts research into stuttering, offers advanced professional training for speech-language pathology students and clinicians, and promotes public awareness of stuttering and its treatment. ISTAR's treatment programs and professional training take place at the main office in Edmonton (on the 15<sup>th</sup> floor of College Plaza) and a satellite office located in Calgary. In the past, ISTAR's research was conducted in the clinical space.

Over past 5 years, ISTAR has placed a high priority on strategically increasing its research profile, which has led to the establishment of a new position of Research Director in 2007, and the recent hiring of a new Executive Director with a strong research mandate. However, ISTAR's facilities in College Plaza do not provide adequate space for neither its current nor future research programs. Research space in Corbett Hall is fully utilized and cannot accommodate ISTAR's needs. The CSB offers proximity to neuroimaging facilities and clinical genetics which are both advantageous to ISTAR's research programs.

In addition, soon-to-be emeritus professor M. Hodge will need space to continue the mandate of the Children's Speech Intelligibility Research and Education (CSPIRE) Laboratory. It is losing its current space in Corbett Hall. Proximity to ISTAR's research programs and the Rehabilitation Audiology Centre in the CSB will offer new opportunities for collaboration.

### 8.3 FACULTY, STAFF & STUDENT NUMBERS

#### 8.3.1 Department of Physical Therapy

The Department of Physical Therapy space request is primarily focused on providing space for researchers from the Department of Physical Therapy and Orthopedic Surgery and their graduate students / residents. It anticipates 10-15 graduate students to be housed in this space initially.

MSK Research Group - The current staff consists of 3.0 FTE researchers and 1.0 FTE student; 3.0 FTE in Trauma/Arthroplasty (2 individuals + students); 0.7 FTE upper extremity and 0.3 FTE pediatrics. There are also individuals who work at the Edmonton Musculoskeletal Centre (aka the Hip and Knee Clinic), the Royal Alexandra, Misericordia and Grey Nuns Hospitals, as well as an OUTREACH team for a hip fracture study that works in nursing homes around the city. A new research coordinator works in a surgeon's office to prevent the delay of study commencement due to space issues. The program totals approximately 5.0 FTE, excluding the OUTREACH Team represented by 10-12 individuals.

Sather Clinic Research Group - The Clinic intends to hire a research coordinator and typically hosts a postdoctoral fellow, as well as clinical researchers; overall requiring two offices.

Spine/Scoliosis Group - The current staff consists of 1.0 FTE research associate, 0.4 FTE research coordinator, 1.0 Clinical Engineer and 5 students. In addition, there are 1 MSc and 2 PhD students who work at Dr. Parent's research laboratory in Corbett Hall, 1 MSc student who works at Dr. Norton's lab in the Katz building, 1 PhD student working with Dr. Adeeb in the Markin/CNRL NREF building, and the pediatric spine research fellow.

Magee Endowed Chair in MSK Rehabilitation Research - Currently this team consists of the endowed Chair, a research assistant and two graduate students.

### **8.3.2 Department of Occupational Therapy**

Family and Disability Studies Initiative - The FDSI is led by Professor David McConnell and currently includes 6 doctoral students and graduate research assistants. Over the coming three to five years the team is expected to grow by at least 3, including 1 postdoctoral fellow and 2 additional doctoral students.

### **8.3.3 Department of Speech Pathology and Audiology**

Rehabilitation Audiology Centre - The SPA Department currently has 2 tenure-track faculty members (M. Zhang and B. Hodgetts) with a primary focus in audiology (both have joint appointments in hospitals) and one clinical-track faculty member with a focus in aural rehabilitation. Zhang and Hodgetts will each have 2 to 4 graduate students/research assistants and Campbell and Ritter could each have 2 new MSc and 2 new PhD students per year, for a combined total of 8 PhD (RS) and 4 MSc students at one time. In addition, the adjunct, engineers, medical residents, collaborators and clinical supervisors will be involved in the Centre.

New Audiology Program - The new audiology program (beginning as early as 2014) will have a minimum of 4 additional audiology faculty members (3 tenure-track and 1 clinical track/ACCE), 1 administrative assistant, 1 secretary/receptionist, 4 sessional instructors, and 8 graduate (doctoral) students or research assistants.

Developmental Stuttering and Speech Research - The ISTAR research group will include 2 full-time faculty members (D. Beal, Executive Director of ISTAR, and M. Langevin, Research Director for ISTAR), and one professor emeritus (M. Hodge, Director of the CSPIRE Lab), both in the current year and in the 5-year projection. Currently there are 4 graduate (thesis masters or doctoral) students, with an additional 6 in the next 5 years, i.e. a total of 10. In addition, each lab space will accommodate from 2-4 part-time research assistants and 2 undergraduate biomechanical engineering students.

## **8.4 ENROLLMENT NUMBERS & TRENDS**

Included in the previous section.



## 8.5 CURRENT & PROJECTED FACILITIES

### 8.5.1 Department of Physical Therapy

MSK Research Group - The main research location is in the UAH Rehabilitation Department where it has outgrown its centrally allocated space, preventing the expansion or further development of this ever growing clinical research program. For example, there is inadequate space to develop new areas of research (e.g. soft tissue knee, MSK oncology) or to expand into other clinical sites (e.g. Sturgeon Community Hospital). The lack of a local space for students to interact regularly and directly with clinical researchers and their data collection activity is counter-productive to their learning and hinders the education program. Space limitations also restrict the hiring of full-time students and any summer students.

Sather Clinic Research Group - The Sather's new space in the Kaye Edmonton Clinic does not have any space available for their research team. Currently, any clinical research involving upper extremity research at the Glen Sather Clinic either occurs in the midst of surgeon's follow-up clinics or at the Rehabilitation department at the UAH.

Spine/Scoliosis Group - Currently this research group is primarily housed at the Glenrose Rehabilitation Hospital (GRH). There is inadequate space to expand and no centralized space on campus so that all high-qualified training personnel can interact regularly and directly with clinical researchers. While they would retain the GRH space the proposed space in the CSB would become the focal point of their clinical research program. Further, Dr. Parent has a small lab in Corbett Hall which presently houses 3 students. Should graduate student space be made available in the CSB (as part of the Spine/Scoliosis Group initiative) Dr. Parent could repurpose his lab space to a more clinical focus as opposed to providing graduate student study space. The pediatric spine research fellow does not have a primary research location.

Magee Endowed Chair in MSK Rehabilitation Research - Currently the Faculty has provided the Chair with a small lab in Corbett Hall shared with other members of the Physical Therapy Department, but there is inadequate space to accommodate her research team (e.g. PhD students, postdoctoral fellows, etc.). The intent is that the Chair would retain this space and gain additional space in the CSB to accommodate her research team (e.g. research assistant and two graduate students).

### 8.5.2 Department of Occupational Therapy

Family and Disability Studies Initiative - The FDSI is currently located in room 3-66 of Corbett Hall. This space includes the office of Professor David McConnell, a meeting space, and five workstations that are fully utilized by 6 doctoral students and graduate research assistants. Although it is busy, the space works well for the FDSI team right now. However, there is no room for the planned growth of 3 additional persons over the next three to five years. Dedicated space in the CSB will accommodate growth.

The projected space requirements include: 2 office spaces for researchers to share and to meet with students, 8 work stations for graduate students (may hot desk and share among each other), and access to the class room and conference room for group meetings, seminars, data collection (focus group and interviews).

### 8.5.3 Department of Speech Pathology and Audiology

Rehabilitation Audiology Centre - In Corbett Hall Dr. Hodgetts has only his office (CH 2-16), Dr. Zhang has only his office (CH 3-69), and Dr. Campbell will soon vacate a shared lab (CH 2-88), putting some equipment in a corner of the lab next door for a few months, and putting other equipment in the teaching lab (CH 1-105), or her office (CH 3-77).

At the institute for Reconstructive Surgeries in Medicine (iRSM) in the Misericordia Hospital, Dr. Hodgetts' bone conduction amplification laboratory accommodates clinical patients, full time, 4 days/week. It is a small lab and at times can have as many as 8 people trying to work around this primarily clinical space at the same time (e.g., an Audiologist, 2 full-time engineers, 2 engineering students, a project manager, and 6 graduate students). When doing research or measurement in the sound booth, researchers are always moving in and out to accommodate persons moving through the clinical program. At times this approach is ideal because the clinical patients are also the research subjects. However, the bench-top research must be done when human subjects are not being tested, thus limiting the time for this work.

Similar challenges exist for Dr. Zhang at the GRH where he has a mid-size office and applied clinical research space, but no space for more basic science research and specialized equipment or for graduate students and research assistants.

In the CSB, research space is needed for M. Zhang and B. Hodgetts. Zhang, Hodgetts, and clinical research activities (such as by Ritter and Campbell and others) will require a conference room in which to conduct group rehabilitation sessions for 12 -15 individuals; and one quiet room for testing speech perception and production outcome measures, as well as to conduct single-person training. The adjunct, engineers, medical residents, collaborators and clinical supervisors will need one office space to share. In addition, Zhang and Hodgetts will require one office space each to facilitate the work of between two and four graduate students/research assistants to continue the work they have already underway relative to MP3 players, bone anchored hearing devices and outcomes of cochlear implant use.

New Audiology Program - This new degree program currently has no dedicated space. All three of the current audiology and aural rehabilitation faculty members teach and/or supervise graduate student research in the SLP program, and thus have offices in Corbett Hall. However, none has research lab space on the U of A campus, and as a result, there is no space for their graduate students or research assistants to work. It is not uncommon for graduate students and research assistants to be working in their supervisors' offices in CH. The two faculty members with joint appointments have clinical research space at the iRSM at the Misericordia Hospital and at the GRH. However, these spaces often double as clinical assessment/treatment rooms and researchers must constantly move in and out to accommodate patients moving through the clinical program.

There is no office or research lab space available for the new faculty required for the new audiology program (minimum 4.0 FTE) and the graduate (doctoral) students they will attract. Teaching space will also be required for the audiology academic courses. With the 2-year full-time program, two classroom spaces may be needed at a given time. Teaching space within Corbett Hall is already over-booked, and it is not possible to accommodate the classroom needs of another program within these classrooms. Also, given the smaller size of the audiology program, smaller classrooms (e.g. CSB 6-126G and CSB 6-120) would be ideal and reflect a more effective use of space.

## 8.0 FACULTY OF REHABILITATION MEDICINE

The Speech and Hearing Science Teaching Lab (CH 1-105) has a sound booth and basic audiological equipment that is used for teaching SLP students to conduct hearing screenings and basic evaluations. However, the teaching lab does not include the space and more specialized equipment required for students training to become licensed audiologists. The proposed audiology program will require highly specialized teaching laboratory space, including one or two additional sound booths and a range of specialized equipment (e.g., higher tech audiometers, hearing aid analyzers, and equipment for otoacoustic emissions, auditory evoked potentials, real ear measurement, earmold impressions, etc.) not currently available in the department.

Developmental Stuttering and Speech Research - Dr. Langevin's current research space at ISTAR (on the 15<sup>th</sup> floor of College Plaza) is approximately 12 m<sup>2</sup>. This single room serves as a testing room and workspace for the researcher, graduate students and research assistants. When ISTAR's intensive clinical programs are offered (3-4 times a year for 4 weeks at a time), the lab is converted to a treatment room and not available for research. There is no dedicated research space available at ISTAR for the new Executive Director (D. Beal), doctoral students, postdoctoral fellows or visiting professors.

Dr. Hodge's CSPIRE lab in Corbett Hall (2-86) housed equipment and software for recording and analysing speech, acoustic modeling of children's speech intelligibility, and multi-media programming and image capture and editing. Upon her retirement on June 30, 2012, this lab has been re-allocated to a junior faculty member in the SPA Department. However, Dr. Hodge has requested space to continue CSPIRE initiatives focused on knowledge translation.

The proposed space in CSB will accommodate research laboratories for 2 full-time faculty members (D. Beal, Executive Director of ISTAR, and M. Langevin, Research Director for ISTAR), and one professor emeritus (M. Hodge, Director of the CSPIRE Lab). Space for 4 graduate (thesis masters or doctoral) students is needed for the current year, with an additional 6 graduate students (for a total of 10) in the next 5 years. In addition, each lab space will accommodate from 2-4 part-time research assistants and 2 undergraduate biomechanical engineering students.

## 8.6 PROJECTED FACILITY REQUIREMENTS

The following summary table and detailed space table identify the space requirements of the Faculty of Rehabilitation Medicine in the CSB.

The FRM is about to embark on a comprehensive programming exercise that will encompass the entire Faculty and all of its current facilities. Up to date information on its existing space allocations and uses will be available then, but is not included in the following tables.

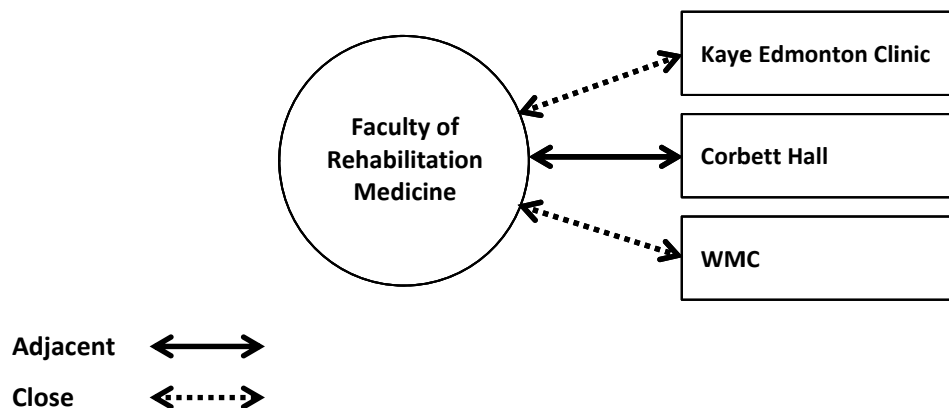
**Table 8-1 - Summary of CSB Space Projections by Space Category (in net assignable square metres)**

| <b>Summary: CSB Area Requirements by Department based on Space Category</b> |  |                                     |                                     |
|---|--|-------------------------------------|-------------------------------------|
|   |  | Projected Requirements 2017/18 Sq M | Recommended Functional Program Sq M |
| <b>Shared FRM Facilities</b>  |  |                                     |                                     |
| 1.1   | Instruction - Classroom, Lecture & Seminar Space | <u>60.0</u>                         | <u>60.0</u>                         |
| <b>Subtotal Area Requirements</b>   |  | <b>60.0</b>                         | <b>60.0</b>                         |
| <b>Department of Physical Therapy</b>                                       |  |                                     |                                     |
| 3.1   | Dry Lab Research Space                           | 180.0                               | 180.0                               |
| 4.1   | Academic Offices & Related Space                 | <u>67.0</u>                         | <u>67.0</u>                         |
| <b>Subtotal Area Requirements</b>   |  | <b>247.0</b>                        | <b>247.0</b>                        |
| <b>Department of Occupational Therapy</b>                                   |  |                                     |                                     |
| 3.2   | Research Space                                   | 74.0                                | 74.0                                |
| 4.2   | Academic Offices & Related Space                 | <u>0</u>                            | <u>0</u>                            |
| <b>Subtotal Area Requirements</b>   |  | <b>74.0</b>                         | <b>74.0</b>                         |
| <b>Department of Speech Pathology and Audiology</b>                         |  |                                     |                                     |
| 3.3   | Research Space                                   | 212.0                               | 212.0                               |
| 4..3  | Academic Offices & Related Space                 | <u>72.0</u>                         | <u>72.0</u>                         |
| <b>Subtotal Area Requirements</b>   |  | <b>284.0</b>                        | <b>284.0</b>                        |
| <b>Total Area - Faculty of Rehabilitation Medicine <sup>1</sup></b>         |  | <b>665.0</b>                        | <b>665.0</b>                        |

Table Notes:

1. An additional gross-up allowance of approx 15-20% may be required to account for internal circulation, walls, etc., which brings the total area requirement up to approximately 765.0 - 800.0 component gross square metres (CGSM)

## 8.7 FUNCTIONAL RELATIONSHIPS



## 8.0 FACULTY OF REHABILITATION MEDICINE

**8.8 Detailed Space Table - Faculty of Rehabilitation Medicine**

| SPACE CATEGORY   |                                    |                         | Current Location |        | Func Prog Space (Net Sq M) <sup>1</sup> |              |              | Comments / Space Attributes <sup>2</sup>  |
|--|------------------------------------|-------------------------|------------------|--------|---|--------------|--------------|---|
| Space Use / Function   | Position Type                      | Person or PI/Group Name |                  |        | Bldg                                    | Room No.     | Existing     |   |
| <b>1. INSTRUCTION - CLASSROOM, LECTURE &amp; SEMINAR SPACE</b>               |                                    |                         |                  |        |   |              |              |   |
| <b>1.1 Instruction - Classroom, Lecture &amp; Seminar Space</b>              |                                    |                         |                  |        |   |              |              |   |
| Classroom  | -                                  | -                       | -                | -      | -                                       | -            | -            | Will use classrooms on 2 <sup>nd</sup> floor of the CSB & in ECHA                                       |
| Seminar/Conf Room  | -                                  | FRM                     | -                | -      | -                                       | 30.0         | 30.0         | Will be shared by all FRM Departments in the CSB; based on approx 15 persons @ 2.0 NSM/person x 2 rooms |
| Seminar/Conf Room  | -                                  | FRM                     | -                | -      | -                                       | 30.0         | 30.0         |   |
| <b>Subtotal</b>  |                                    |                         |                  |        | -                                       | 60.0         | 60.0         |   |
| <b>SUBTOTAL: 1. INSTRUCTION - CLASSROOM, LECTURE &amp; SEMINAR SPACE</b>     |                                    |                         |                  |        |   |              | <b>60.0</b>  | <b>60.0</b>   |
| <b>3. RESEARCH SPACE</b>   |                                    |                         |                  |        |   |              |              |   |
| <b>3.1 Dry Lab Research - Department of Physical Therapy</b>                 |                                    |                         |                  |        |   |              |              |   |
| Spinal Scoliosis Lab   | -                                  | MSK Group, etc.         | CSB              | 8-110K | -                                       | 44.0         | 44.0         | Incl ultrasonography equipment  |
| Office   | Ultrasonography Staff              | MSK Group, etc.         | CSB              | 8-110K | -                                       | 16.0         | 16.0         | 1 shared office   |
| Offices  | MSK Research Staff                 | MSK Group, etc.         | UAH              | -      | -                                       | 60.0         | 60.0         | 5 offices @ 12.0 NSM for MSK research staff; 3 currently located in UAH                                 |
| Workstations   | Grad Students & Residents          | MSK Group, etc.         | -                | -      | -                                       | 60.0         | 60.0         | Approx 12 workstations @ 3.0-4.0 NSM each + internal circulation  |
| <b>Subtotal</b>  |                                    |                         |                  |        | -                                       | <b>180.0</b> | <b>180.0</b> |   |
| <b>3.2 Dry Lab Research - Department of Occupational Therapy</b>             |                                    |                         |                  |        |   |              |              |   |
| Offices  | Research Staff                     | FDSI                    | -                | -      | -                                       | 24.0         | 24.0         | 2 offices @ 12.0 NSM  |
| Workstations   | Graduate Students                  | FDSI                    | -                | -      | -                                       | 50.0         | 50.0         | Approx 8-10 workstations @ 3.0-4.0 NSM each + internal circulation                                      |
| <b>Subtotal</b>  |                                    |                         |                  |        | -                                       | <b>74.0</b>  | <b>74.0</b>  |   |
| <b>3.3 Dry Lab Research - Department of Speech Pathology &amp; Audiology</b> |                                    |                         |                  |        |   |              |              |   |
| <b>Rehabilitation Audiology Centre, incl New Audiology Program</b>           |                                    |                         |                  |        |   |              |              |   |
| Sound Booth Lab  | -                                  | Rehab Audiology         | CH               | -      | -                                       | 26.0         | 26.0         | Sound booth, audiometer, computer, etc.; used for teaching & research                                   |
| Cochlear Implant Outcomes Lab  | -                                  | Dr. Zhang               | -                | -      | -                                       | 13.0         | 13.0         | Work space for faculty, collaborators & students  |
| Aural Rehabilitation Research Lab  | -                                  | Dr. Campbell            | CH               | 2-88   | -                                       | 13.0         | 13.0         | CH 2-88 was shared space that is no longer available to this program                                    |
| MP3 Research Lab   | -                                  | Dr. Hodgetts            | -                | -      | -                                       | 13.0         | 13.0         | Work space for faculty, collaborators & students  |
| Human Subjects Testing Lab   | -                                  | Rehab Audiology         | -                | -      | -                                       | 13.0         | 13.0         | Flex space for testing and/or addn'l research lab   |
| Offices  | Sessionals/Adjuncts/ Collaborators | "                       | -                | -      | -                                       | 24.0         | 24.0         | 2 shared offices @ 12.0 NSM   |
| Workstations   | Graduate Students                  | "                       | -                | -      | -                                       | 20.0         | 20.0         | 4 workstations @ 3.0-4.0 NSM each + internal circulation  |

## 8.0 FACULTY OF REHABILITATION MEDICINE

**8.8 Detailed Space Table - Faculty of Rehabilitation Medicine (cont'd)**

| SPACE CATEGORY  |                    |                         | Current Location |          | Func Prog Space (Net Sq M) <sup>1</sup> |                            |                           | Comments / Space Attributes <sup>2</sup>                                      |
|---|--------------------|-------------------------|------------------|----------|---|----------------------------|---------------------------|---|
| Space Use / Function  | Position Type      | Person or PI/Group Name | Bldg             | Room No. | Existing                                | Projected Req'm'ts 2017/18 | Recomm Functional Program |   |
| <b>Developmental Stuttering &amp; Speech Research - ISTAR</b>     |                    |                         |                  |          |   |                            |                           |   |
| Research Lab  | -                  | Dr. Beal                | -                | -        | -                                       | 42.0                       | 42.0                      | Executive Director of ISTAR   |
| Research Lab  | -                  | Dr. Langevin            | -                | -        | -                                       | 36.0                       | 36.0                      | Research Director of ISTAR  |
| Office  | -                  | CSPIRE / Dr. Hodge      | CH               | 2-86     | -                                       | 12.0                       | 12.0                      |   |
| <b>Subtotal</b>   |                    |                         |                  |          | -                                       | <b>212.0</b>               | <b>212.0</b>              |   |
| <b>SUBTOTAL: 3. RESEARCH SPACE</b>                                |                    |                         |                  |          | -                                       | <b>466.0</b>               | <b>466.0</b>              |   |
| <b>4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b>           |                    |                         |                  |          |   |                            |                           |   |
| <b>4.1 Department of Physical Therapy</b>                         |                    |                         |                  |          |   |                            |                           |   |
| Office  | F-T Academic Staff | Dr. Beaupre             | CH               | 3-71     | -                                       | 12.0                       | 12.0                      | F-T faculty allocation of 12.0 NSM  |
| Office  | F-T Academic Staff | Dr. Lou                 | -                | -        | -                                       | 12.0                       | 12.0                      | F-T Faculty allocation of 12.0 NSM  |
| Office, Shared  | PDF's              | MSK Group, etc.         | -                | -        | -                                       | 12.0                       | 12.0                      | 2 workstations @ 6.0 NSM for Dr. Woodhouse PDF & Sather Group PDF             |
| Office, Shared  | Visiting Scholars  | MSK Group, etc.         | -                | -        | -                                       | 12.0                       | 12.0                      | Shared office for vesting scholars  |
| Reception   | -                  | MSK Group, etc.         | -                | -        | -                                       | 6.0                        | 6.0                       | Potential to share  |
| Storage, Files  | -                  | MSK Group, etc.         | -                | -        | -                                       | 13.0                       | 13.0                      |   |
| <b>Subtotal</b>   |                    |                         |                  |          | -                                       | <b>67.0</b>                | <b>67.0</b>               |   |
| <b>4.2 Department of Occupational Therapy</b>                     |                    |                         |                  |          |   |                            |                           |   |
| Office space identified above                                     |                    |                         |                  |          |   |                            |                           |   |
| <b>Subtotal</b>   |                    |                         |                  |          | -                                       | <b>0.0</b>                 | <b>0.0</b>                |   |
| <b>4.3 Department of Speech Pathology &amp; Audiology</b>         |                    |                         |                  |          |   |                            |                           |   |
| Offices   | F-T Academic Staff | New Audiology Faculty   | -                | -        | -                                       | 48.0                       | 48.0                      | F-T Faculty allocation of 12.0 NSM x 4 offices; 1 will also serve as the ACCE |
| Office & Files  | Admin Assistant    | "                       | -                | -        | -                                       | 12.0                       | 12.0                      | Combined office, files & supplies   |
| Reception/Work Area   | -                  | "                       | -                | -        | -                                       | 12.0                       | 12.0                      | Combined reception, waiting, copier   |
| <b>Subtotal</b>   |                    |                         |                  |          | -                                       | <b>72.0</b>                | <b>72.0</b>               |   |
| <b>SUBTOTAL: 4. ACADEMIC OFFICES &amp; RELATED SERVICES SPACE</b> |                    |                         |                  |          | -                                       | <b>139.0</b>               | <b>139.0</b>              |   |
| <b>TOTAL: FACULTY OF REHABILITATION MEDICINE</b>                  |                    |                         |                  |          | -                                       | <b>665.0</b>               | <b>665.0</b>              | <b>NSM</b>  |

|   |              |
|---|--------------|
| <b>Total FRM Space in the CSB - NSM</b>         | <b>665.0</b> |
| <b>Estimated CGSM in the CSB @ 15% Gross Up</b> | <b>764.8</b> |
| <b>Estimated CGSM in the CSB @ 25% Gross Up</b> | <b>831.3</b> |

**Notes:**

1. All areas (sqm) used in this document are net assignable square metres unless otherwise indicated.
2. Since the FRM programmed space will be located in an existing building, the recommended Functional Program areas may need to be adjusted to accommodate existing conditions such as the structural grid, wall and window locations, etc.

## 9.0 FUNCTIONAL PROGRAM RECOMMENDATION

It is recommended that the CSB Backfill Project Functional Program be approved as the basis for proceeding with the implementation of the CSB Backfill Project.

## LIST OF ACRONYMS

Acronyms that appear more than once in this Functional Program are listed below.

|         |   |
|---------|---|
| ABC     | Aberhart Centre   |
| AHS     | Alberta Health Services   |
| BARB    | Brain and Aging Research Building (formerly the Environmental Engineering Building) |
| CAFM    | Computer-Aided Facility Management  |
| CGSM    | Component Gross Square Metres   |
| CH      | Corbett Hall  |
| CP      | College Plaza building  |
| CSB     | Clinical Sciences Building  |
| CSPiRE  | Children's Speech Intelligibility Research and Education                            |
| DoM     | Department of Medicine  |
| ECHA    | Edmonton Clinic Health Academy  |
| EPiCORE | Epidemiology Coordination & Research Centre   |
| FDSI    | Family and Disability Studies Initiative  |
| FoMD    | Faculty of Medicine and Dentistry   |
| FRM     | Faculty of Rehabilitation Medicine  |
| F-T     | Full time   |
| FTE     | Fulltime Equivalent   |
| GIM     | General Internal Medicine   |
| GSP     | General Space Program   |
| HMRC    | Heritage Medical Research Centre  |
| ISTAR   | Institute for Stuttering Treatment and Research                                     |
| Katz    | Katz Group Centre for Pharmacy and Health Research                                  |
| LKS     | Li Ka Shing Centre for Health Research Innovation                                   |
| MAHI    | Mazankowski Alberta Heart Institute   |
| MS      | Multiple Sclerosis  |
| MSB     | Medical Sciences Building   |
| MSc     | Master of Science   |
| MSK     | Musculoskeletal   |
| NSM     | Net (Assignable) Square Metres  |
| OPR     | Outpatient Residence  |
| OUA     | Office of the University Architect  |
| P-T     | Part time   |
| PDF     | Postdoctoral Fellow   |
| PGME    | Postgraduate Medical Education  |



## APPENDIX A - LIST OF ACRONYMS

|        |  |
|--------|--|
| PhD    | Doctor of Philosophy   |
| PI     | Principal Investigator   |
| RTF    | Research Transition Facility   |
| SqM    | Square Metres  |
| UAH    | University of Alberta Hospital   |
| U of A | University of Alberta  |
| UT     | University Terrace building  |
| VIGOUR | Canadian VIGOUR Centre - Virtual Coordinating Centre for Global Collaboration in Cardiovascular Research |
| WMC    | Walter C. Mackenzie Health Sciences Centre   |
| ZLC    | Zeidler Ledcor Centre  |