

# Global Health Science Program

Office of International Relations, College of Health Sciences, Faculty of Medicine & Dentistry  
University of Alberta  
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## GHSP IN PERSON SUMMER PROGRAM 4 WEEKS IN JULY AND AUGUST

The University of Alberta GHSP in person summer program includes a welcome dinner and faculty appreciation dinner, presentations about current topics in North American medical education, small group discussions, hands-on simulation practice, lab tours, participation in mini Objective Structured Clinical Examinations (OSCEs) and opportunities for clinical observership.

The program provides the following great opportunities:

- Meaningful exposure to the Canadian healthcare system, including hospital, Family Medicine, clinical medical practices and the health sciences programs offered at the U of A
- Medicine, Dental and Nursing tracks
- Meetings with Nobel Prize Laureate Dr. Michael Houghton and other internationally renowned medical researchers
- Learn about Canadian society and culture
- Make connections to students in Canada

Participants who complete the program receive a Certificate of Completion signed by the University of Alberta's Dean of Medicine and GHSP Director.

## PROGRAM CANDIDATES

- Clinical medicine and Medical Science students
- Dental students
- Students in health sciences related programs
- Students from Faculty of Medicine & Dentistry international partners prioritized
- Young physicians, teachers, researchers, experts in health related fields

## PROGRAM FEES

- \$5,000 CDN per trainee includes:
- Tuition and course materials
  - Medical insurance
  - Shared accommodation
  - Some meals

## HOW TO REGISTER

Please check our website for further details and updates.

## UNIVERSITY OF ALBERTA

The University of Alberta was founded in 1908.

- Top-4 in Canada and top 100 globally
- 15,000 employees
- 5 campuses
- 40,000 students from 150 countries
- Top 40 most international universities globally
- Awarded 41, 3M National Teaching Fellows--the most of any university in Canada. This award is Canada's most prestigious teaching award for post-secondary instructors
- 72 Rhodes Scholars

## FACULTY OF MEDICINE & DENTISTRY

- Established in 1913, it is one of the world's elite academic health sciences centres and ranks among the top 100 in the world
- It is home to more than 2,000 support staff and 2,600 tenure-track and clinical educators
- Awarded 6 National 3M Teaching Fellows

CONTACT: GMSP@UALBERTA.CA

Dr. **Xin-Min Li**, Associate Dean, International Relations

Dr. **Bin Zheng**, GHSP Director

Patricia Grell, Program Coordinator

## Medicine Track Overview



### Week 3

Introduction to Medical Research  
Medical Literature Search  
How to Write an Abstract  
How to Prepare a Presentation  
Health Research Topic 1:  
Nobel Prize Laureate Dr. Michael Houghton  
Health Research Topic 2  
Health Research Topic 3  
Health Research Topic 4  
Graduate Students: Life and Research

### Week 4

Arts and Humanities in Medical Education  
Innovations in Learning Sciences  
Digital Medicine/Robotic Surgery  
AI in Healthcare/ Advanced Rehab  
Graduation Ceremony

### Week 1

Orientation  
Overview of UofA MD program  
The Canadian Medical System  
Residency in Canada  
Professionalism in Medicine  
Medical Students: Life and Study

### Week 2

Introduction to Discovery Learning  
Discovery Learning 1  
Discovery Learning 2  
Objective Structured Clinical Examination (OSCE)  
Simulation  
Residents: Life and Service



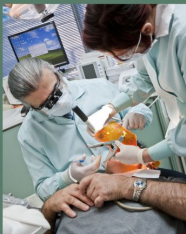
Nobel Prize Laureate  
Dr. Michael Houghton

## Dental Track Overview



### Dental Education at the U of A

The presenter will provide an introduction to Dentistry in Canada, an overview of the U of A dental program and curriculum and provide experiences of our learning environment.



### Techniques for Psychomotor Skills & Sim Lab Learning

This course will introduce composite and amalgam preparations and explain the rationale of our training approach. There will be an introduction to expertise driven case-based learning in skills training (novice & expert differentiation)

### Application of Technologies in Dental Education

This is an introduction of how technology can help with teaching and learning and provide examples of alternatives for how it changes the environment.

### Clinical Dental Experiences

The presenter will demonstrate the diverse clinical experiences our dental students receive and how these clinical experiences prepare them for private practice.

### Undergraduate Pediatric Dentistry

This presentation will include an overview of the pediatric dental curriculum, a demonstration of how our students learn behaviour guidance in the university environment, and a demonstration of how to achieve instructor calibration in a pediatric clinical setting.

### Orthodontics Teaching Practices

This presentation will demonstrate the undergraduate orthodontics curriculum, the post grad program and the research process involved in clinical trials.

### Dental Research and Graduate Education

Participants will be introduced to how dental research is conducted in Canada, explain the context of dental education and will be introduced to dental graduate studies at the U of A.

## Nursing Track Overview



### Nursing Education at the U of A

The Faculty is recognized in Canada and internationally for expertise in nursing, research, leadership and practice:

- Ranked #1 in Western Canada
- Ranked #7 in the world

Award-winning faculty consists of three Canada Research Chairs



The Nursing Track offers the following unique opportunities:

- Introduction to Nursing in Canada
- Undergraduate Nursing Student Experiences
- Introduction to Graduate Nursing Programs
- Nursing Simulation Day
- Nursing Research Series
- Nursing Leadership Series

Areas of research excellence include:

- Children & Women's Health
- Healthy Aging
- Health Equity & Health Systems
- Global Health & Migration
- Mental Health

100+ Years of Excellence in Nursing

A Faculty of firsts, the UofA was the first to offer:

- Nursing master's program in Alberta
- Publicly funded doctoral program, and
- A distance doctoral program in Canada





## School of Public Health Track Overview



### School of Public Health (SPH) at the U of A

At its core, public health is about what is best for all of us, including the most vulnerable. Its aim is to maintain & improve the health of communities & populations and decrease health inequities. Public health crosses multiple fields of study such as health, social & human sciences to touch every aspect of our lives on a daily basis.

More information about the SPH is on our website at [uab.ca/SPH](http://uab.ca/SPH)



### The SPH Track offers the following sessions:

#### An Overview of Public Health

This session will provide an introduction to the diverse field of public health, which includes a wide variety of topics and disciplines.

#### One Health & the Environment

This session will explore the interconnections of the health of humans, animals, and the environment, including direct environmental impacts on public health.

#### Introduction to Epidemiology & Biostatistics

This session will introduce the role of epidemiology and biostatistics in public health research and practice.

#### Health Promotion/Settings-Based Approaches

This session will explore how the environments where we live, work, learn, and play shape health and well-being for all people, regardless of age, ability, or socioeconomic background.

#### Health Policy & Systems

This session will explore different types of health policy within a broader global health systems lens.

#### Health Communities

This session will profile examples of applied research currently underway to promote the physical and social health of communities.

#### Indigenous Knowledge Systems and Wholistic Health

This session will highlight the importance of centering Indigenous knowledge in various aspects of public health practice.

#### Emerging Topics in Global Public Health

This session will profile examples of leading research on timely public health issues.

### The School of Public Health offers the following programs:

- Masters of Public Health (MPH) course-based degree
- Masters of Science (MSc) thesis-based degrees
- Masters of Community Engagement (MACE) thesis or course-based degrees
- Doctorate (PhD) research-based degrees

