

# Global Health Science Program

Office of International Relations, College of Health Sciences, Faculty of Medicine & Dentistry  
University of Alberta  
ECHA 5-309, 11405 - 87 Ave., Edmonton, AB, Canada T6G 1C9  
gmstp@ualberta.ca | Website: uab.ca/ghsp

## GHSP ONLINE PROGRAM

The University of Alberta GHSP Online Program which will be conducted over Zoom is a rich, half-day academic health program running from Monday - Friday offered by the Faculty of Medicine & Dentistry, University of Alberta, to medical, dental and health sciences students from the U of A international partner universities. Participants who complete the program receive a Certificate of Completion signed by the University of Alberta's Dean of Medicine and GHSP Director. The program provides the following great opportunities:

- Interactive course in a unique format
- Meaningful exposure to the Canadian healthcare system, Family Medicine, clinical medical practices and the health sciences programs offered at the U of A
- Dental track
- Nursing track
- Public health track
- Meetings with Nobel Prize Laureate Dr. Michael Houghton (if available) and other internationally renowned medical researchers
- Learn about Canadian society and culture
- Make connections to students in Canada

## PROGRAM CANDIDATES

- Clinical medicine and Medical Science students
- Dental students
- Nursing students
- Public health 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

## 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



Orientation

Overview of UofA MD program

The Canadian Medical System

Residency in Canada

Professionalism in Medicine

Medical Students: Life and Study

Introduction to Discovery Learning

Discovery Learning 1 & 2

Objective Structured Clinical Examination (OSCE)

Simulation

Residents: Life and Service



**Nobel Prize Laureate  
Dr. Michael Houghton**

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

Arts and Humanities in Medical Education

Innovations in Learning Sciences

Digital Medicine/Robotic Surgery

AI in Healthcare/Advanced Rehab

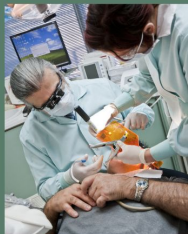
Graduation Ceremony & Presentation of Certificates

## 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

