



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 presentations about current topics in North American medical education, small group discussions, hands-on simulation practice, lab tours, and participation in mini Objective Structured Clinical Examinations (OSCEs).

The program provides the following opportunities:

- Exposure to the Canadian healthcare system, including hospital, Family Medicine, clinical medical practices and the health sciences programs offered at the U of A
- Tours of health facilities, labs, and simulation centres
- Medicine, Dentistry, Nursing, Rehabilitation Medicine and School of Public Health tracks
- Meeting 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, Nursing and School of Public Health students
- Students in health sciences related programs
- Young physicians, teachers, researchers, experts in health related fields

PROGRAM FEES

\$5,000 CAD per trainee includes:

- Tuition and course materials
- Emergency medical insurance
- Welcome breakfast and farewell lunch
- Shared accommodation

\$4,160 CAD per trainee includes:

- Tuition and course materials
- Emergency medical insurance
- Welcome breakfast and farewell lunch

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. Dennis Kunimoto, Executive Director,
International Engagement

Dr. Bin Zheng, GHSP Director

Patricia Grell, Program Coordinator

Medicine Track Overview



Week 1

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



Nobel Prize Laureate
Dr. Michael Houghton

Week 2

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

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



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

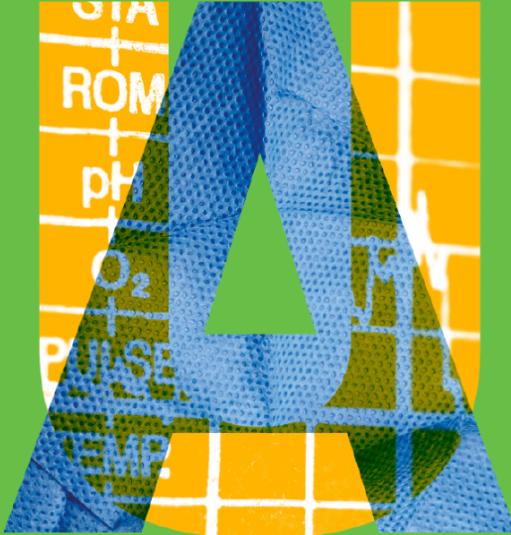
This presentation will demonstrate the undergraduate orthodontics curriculum, the post grad program and the research process involved in clinical trials.

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



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



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

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



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



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.

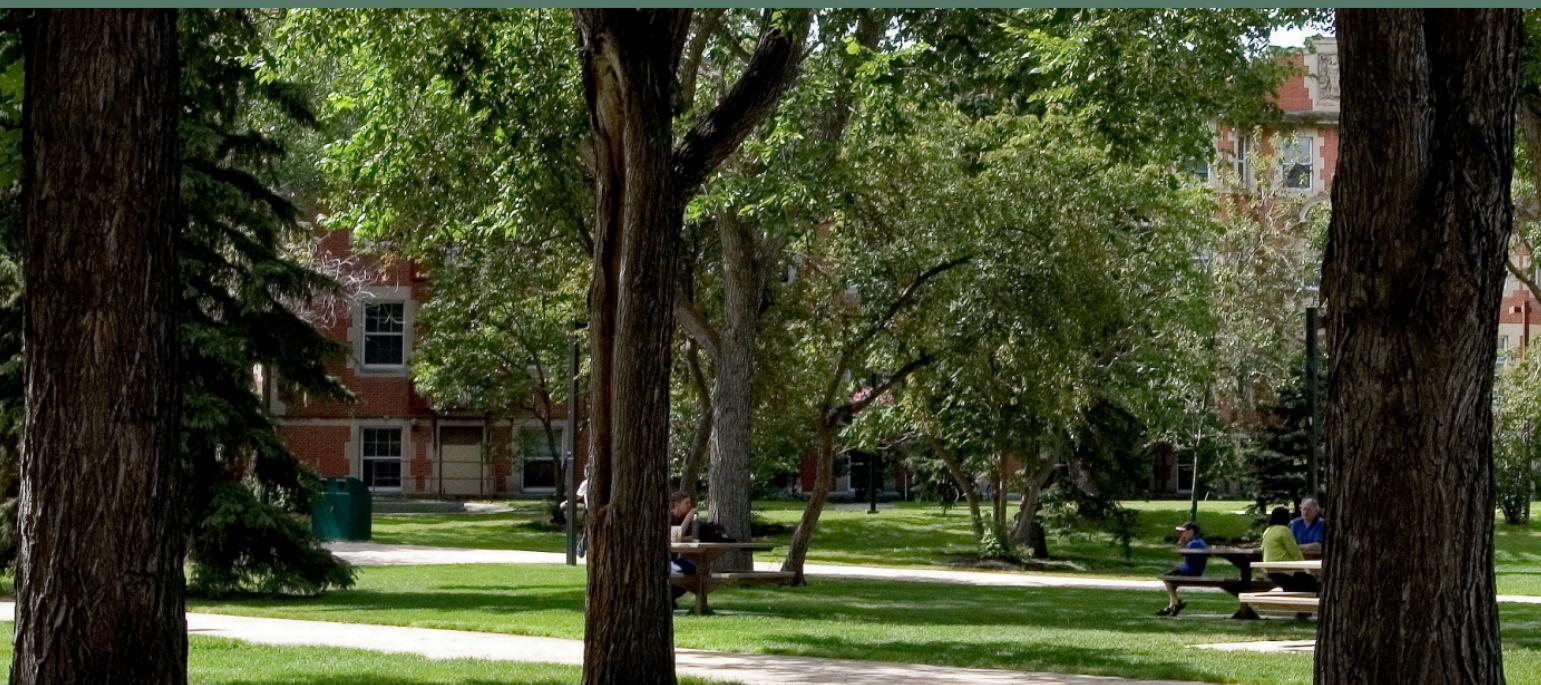
Indigenous Knowledge Systems and Wholistic Health

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.

Mental Health Track Overview



Mental Health Track

This track explores the biological and psychological roots of mental well-being and disorders.

Participants will learn the foundational psychological and mental health theories, engaging in lectures, interactive workshops, and field visits.

A capstone group project to address real-world problems will conclude the program.



Faculty from the Department of Psychology & Psychiatry

Presenters will be world renowned experts from the Department of Psychology and the Department of Psychiatry.

The Department of Psychology is ranked #55 and the Department of Psychiatry is ranked #57 in the world (edurank.org).



Learning Objectives:

- Understand core theories of human behaviour, emotion, cognition, and how these relate to mental health
- Explore major mental health disorders (anxiety, depression, addictions, trauma) – their classification, causes, treatment approaches.
- Complete project work to consolidate learning and connect theory with practice
- Reflect on issues of cultural context, diversity, ethics, and mental health promotion in real-world settings.



Faculty of Pharmacy and Pharmaceutical Sciences Track Overview

The Pharmacy Track offers the following sessions:

- Introduction to pharmacy practice in Canada
- Undergraduate pharmacy student experiences
- Introduction to graduate and post-professional programs in pharmacy
- Simulation labs - patient care skills and pharmaceuticals
- Research in pharmaceutical sciences (Micro-Computed Tomography imaging labs) and pharmacy practice labs



The scope of practice for pharmacists in Alberta is one of the broadest in the world. Our faculty excels in transferring its research to the marketplace.

Serving as Alberta's sole pharmacy school since 1914, we hold consistent rankings among the top four institutions in Canada, top 50 globally, and top 15 for global research. Join us today.

We offer the following programs:

Entry to Practice PharmD

A four-year professional program/clinical doctorate consisting of coursework and practice experience.

PharmD for Practicing Pharmacists

An undergraduate post-professional doctorate that provides advanced education in patient care.

MBA and PharmD combined degrees

Canada's first combined Masters of Business Administration and Doctor of Pharmacy degree program.

MSc and PhD programs

Graduate degrees are available in both pharmacy and pharmaceutical sciences research areas.

Certificate to Canadian Pharmacy Practice

This program prepares internationally educated pharmacist graduates (IEPGs) to practice in Alberta and Canada.



Need more information about programs and admissions? Visit ualberta.ca/pharmacy or scan the QR code.