

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
- Dental track
- 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
- Optional additional 4-week research experience and/or clinical observership available for an additional \$4,000 CAD which includes tuition, room and board.

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 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.