

# McGill Summer Program for INTERNATIONAL MEDICAL STUDENTS

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An immersive medical  
education experience at  
Canada's most  
prestigious university



**McGill**

Faculty of  
Medicine and  
Health Sciences

July 15 – August 2, 2024  
Montreal, Quebec, Canada

## Message from the VP-Dean



### Message from VP-Dean Fellows

I am pleased to welcome you to the fourth edition of the McGill Summer Program for International Medical

Students. This initiative is designed to offer you an excellent overview of medical education at McGill University, one of the top medical schools in the world. You will be exposed to a wide variety of clinical topics on campus and at our affiliated hospitals. You will also have many opportunities to exchange with McGill professors, as well as current medical students and residents, while experiencing life in Montreal, our multicultural, student-friendly city. Our goal is that you will complete the program with a good idea of what it means to be a McGill medical student. We believe the experience will enhance your medical education and, very possibly, inspire you to join us at McGill for your residency training.

I look forward to welcoming you to McGill.

Lesley Fellows, MDCM, DPhil  
Vice-Principal (Health Affairs) and  
Dean of the Faculty of Medicine and Health Sciences  
McGill University

## Overview

### A 3-week immersion program at the McGill Faculty of Medicine and Health Sciences in Montreal

Targeted to senior international medical students, this innovative program provides opportunities to experience medical education at Canada's most prestigious university. Students will benefit from learning the Canadian approach to clinical medicine and medical education through an enriching academic, practical and leadership program, in a context with a diverse population of learners and patients. Participants will learn while enjoying the cosmopolitan city of Montreal, a multilingual and multicultural city ranked #1 among the best cities in the world for students.

The core of medical education at McGill is patient-centred healthcare focused on 1) clinical practice; 2) health sciences research; and 3) population and public health.



# An Immersive Medical Education Experience at Canada's most prestigious university

Program provides a strong foundation and cutting-edge knowledge in theoretical and applied aspects of medicine.

Students will learn the Canadian approach to clinical medicine and education, as well as population health.

Active learning principles, promoting information exchange and collaborative education.

Students benefit from hands-on experience through simulation, observations or shadowing in clinical settings during their visit in the health care facilities.

Distinguished McGill professors lead this enriching academic and leadership program, composed of lectures, assignments and workshops.

## Clinical Modules\*

- Cardiology
- Critical Care
- Emergency Medicine
- Neurology
- Oncology
- Orthopedic Surgery
- Otolaryngology, Head & Neck Surgery
- Palliative Care
- Pediatrics

## Selected Topics\*

- Evidence-Based Medicine and Research
- Population and Global Health
- Leadership
- Preparing an application for residency training
- Professionalism and Interprofessional Education
- Translating Research Discovery into the Clinic
- Simulation

\* Some topics may be subject to change

## Key Benefits

Through this program, students will:

### Explore...

- the McGill Medicine community and its interdisciplinary/interprofessional approach to patient care.
- a variety of experiences in clinical settings and understand the link between clinical care and research.
- their understanding of health and illness, through case-based workshops, observations, shadowing and simulation exercises.
- medical career options

### Learn...

- the values and style of contemporary future-oriented medical practice.
- a set of tools and knowledge that will enhance their leadership skills and professionalism.
- to contextualize their future medical practice with sensitivity to the specific nature of the populations they serve.
- how to apply new knowledge to their own contexts and experiences.
- to expand their horizons by getting a clearer understanding of medical career options.

### Network with McGill...

- instructors and renowned specialists
- medical students, residents and fellows



Training session at our world-class Steinberg Centre for Simulation and Interactive Learning where physicians and other health professionals benefit from hands-on practice in difficult and potentially dangerous procedures without risk to patients.

## Who should attend?

The program is designed for senior international medical students, with an excellent knowledge of English.

## When is it available?

- July 15 to August 2, 2024
- Educational sessions take place Mondays to Fridays
- Evenings and weekends will be free for participants to visit the city and attend local events, with some selected organized sociocultural and networking activities.

## Where?

- On McGill's beautiful campus located downtown Montreal, as well as selected affiliated healthcare facilities.

## What's included?

- Orientation session and student welcome package
- All educational sessions and workshops with experts, including related materials
- Observations or shadowing
- Simulation exercises
- Leadership discussions
- Faculty welcome and farewell receptions
- Working lunches
- Tours and site visits of the McGill University campus, affiliated teaching hospitals and Family Medicine community sites.
- Tour of the beautiful cosmopolitan city of Montreal, a multilingual and multicultural community ranked #1 among the best cities in the world for students.
- Selected sociocultural and networking activities.
- Graduation ceremony with Certificate of Completion for participants who complete the program.

## Program Committee

### Program Director

**Fadi Habbab, MD, MHM, FRCPC**

Curriculum Lead, McGill Summer Program  
Assistant Professor, Dept. of Diagnostic Radiology  
Special Advisor to Assistant Dean, International Affairs

### Committee Chair

**Howard Bergman, MD, FCFP, FRCPC, FCAHS**

Assistant Dean, International Affairs  
Professor of Family Medicine, Medicine and Oncology

### Advisor

**Beth-Ann Cummings, MD, MSc, FRCPC**

Associate Professor, Department of Medicine  
Former Assistant Dean, Health Professions Education  
Former Associate Dean, Undergraduate Medical Education

### Project Management

**Diana Sarai**

Program Manager, International Affairs

**Hermine Mesropyan**

Project Officer, International Affairs

## Exclusions

Participants or sponsors are responsible for:

- airfare and ground transportation to/from Montreal
- any visas required to enter Canada
- accommodations (options will be offered)
- transportation (options will be offered: bus pass, Bixi [bike rental], etc.)
- health insurance

# DRAFT SCHEDULE

(Note: the program shown below reflects the 2023 curriculum; the 2024 Program will be very similar, with a few exceptions with respect to topics.)

## WEEK 1

	Monday July 15	Tuesday July 16	Wednesday July 17	Thursday July 18	Friday July 19	Sat	Sun
Module	<b>PROGRAM ORIENTATION</b>	<b>ORTHOPAEDIC SURGERY</b>	<b>EVIDENCE-BASED MEDICINE &amp; RESEARCH</b>	<b>ONCOLOGY</b>	<b>PEDIATRICS</b>	Free	Networking session with McGill students & residents
AM	<p style="text-align: center;">WELCOME</p> <p style="text-align: center;">Introduction to Montreal, McGill, FMHS</p> <p style="text-align: center;">Overview of the Program</p> <p style="text-align: center;">The Canadian Healthcare System</p> <p style="text-align: center;">Medical Training in Canada and Patient-Centered Healthcare</p>	<p style="text-align: center;">LECTURES</p> <p style="text-align: center;">Introduction to McGill Orthopedics</p>	<p style="text-align: center;">LECTURES</p> <p style="text-align: center;">EBM: What is it? Critical thinking. Clinical decision making / Formulating Clinical Questions (PICO)</p>	<p style="text-align: center;">LECTURES</p> <p style="text-align: center;">Introductory lectures in Medical Oncology and Radiation Oncology</p>	<p style="text-align: center;">LECTURES</p> <p style="text-align: center;">My child is not growing! An approach to short stature in children</p> <p style="text-align: center;">They won't stop coughing! An approach to chronic cough in children</p>		
		<p style="text-align: center;">WORKSHOP</p> <p style="text-align: center;">Challenging Cases in Orthopaedic Trauma, Arthroplasty, Oncology and Paediatrics</p>	<p style="text-align: center;">WORKSHOP</p> <p style="text-align: center;">PICO Project Assignment of projects and presentation skills</p>	<p style="text-align: center;">WORKSHOP</p> <p style="text-align: center;">Case-based discussions in curative lung and breast cancer</p>	<p style="text-align: center;">WORKSHOP</p> <p style="text-align: center;">HELP! An approach to Pediatric Emergencies</p>		
Lunch	Welcome Reception	Lunch	Lunch	Lunch	Lunch		
PM	<b>MCGILL LIBRARIES</b>	<p style="text-align: center;">PRACTICUM</p> <p style="text-align: center;">Simulation of reduction and splinting techniques at the Shriners Simulation Centre</p>	<b>EMERGENCY MEDICINE</b>	PRACTICUM	<b>MCGILL TOUR</b>		
	<p style="text-align: center;">Visit and discussion at the Osler Library of the History of Medicine</p>		<p style="text-align: center;">Introduction to Emergency Medicine with insight of the Emergency Department at the Jewish General Hospital</p> <p style="text-align: center;">Canadian Triage / Acuity Scale</p> <p style="text-align: center;">Emergency Department visit / Suturing Session</p> <p style="text-align: center;">Intro to Simulation World</p>	<p style="text-align: center;">Tour of the Cedars Cancer Centre in radiation oncology and oncology</p> <p style="text-align: center;">Lung Oncology: updates in clinical care and approach to lung cancer</p> <p style="text-align: center;">Virtual attendance to the Lung oncology Tumour Board</p>	<p style="text-align: center;">Time dedicated for Group Projects</p>		
	<p style="text-align: center;">Guided walking tour of Old Montreal (optional)</p>						
Evening	Free	Free	Free	Free	Free		

## WEEK 2

	Monday July 22	Tuesday July 23	Wednesday July 24	Thursday July 25	Friday July 26	Sat	Sun
Module	<b>PALLIATIVE CARE</b>	<b>CARDIOLOGY</b>	<b>TRANSLATING DISCOVERY INTO THE CLINIC</b>	<b>OTOLARYNGOLOGY, HEAD &amp; NECK SURGERY</b>	<b>CRITICAL CARE</b>		
AM	<p style="text-align: center;">LECTURES</p> <p>Palliative Care: Paradigm of Healing in Serious Illness</p> <p>Symptom Management Pearls</p> <p>Theories and approaches in Serious Illness Communication</p> <p>TEDMED: Why Palliative Care is essential in the face of serious illness</p>	<p style="text-align: center;">LECTURES</p> <p>Updates in Structural Heart Disease – Where are we today and how is McGill at the forefront?</p> <p>Updates in Cardiac Electrophysiology – Where are we today and how is McGill at the forefront?</p>	<p style="text-align: center;">LECTURES</p> <p>Introductions</p> <p>The Practice of Basic Biomedical Science 1</p>	<p style="text-align: center;">LECTURES</p> <p>Introduction to the Throat, Neck, Ears and Nose &amp; Sinuses: Anatomy and Pathophysiology</p>	<p style="text-align: center;">LECTURES</p> <p>Introductions from the Department Chair and the McGill affiliated hospitals</p> <p>Introduction to Research</p>		
Lunch	Lunch	Lunch	Lunch	Lunch	Lunch		
PM	<p style="text-align: center;">PRACTICUM</p> <p>Communication skills and palliative care workshop</p> <p>Meeting with a patient</p> <p>Skill building activities</p> <p>Debriefing and feedback</p>	<p style="text-align: center;">PRACTICUM</p> <p>Advanced Heart Failure Therapies – ECMO, LVAD, transplant</p> <p>Cardiac MRI – where are we today, novel techniques and case review</p> <p>Virtual tours of echo/imaging labs, CCU, wards</p>	<p style="text-align: center;">PRACTICUM</p> <p>The Heart-in-a-Dish (HID) Project (Using patient-derived iPSCs to model and treat dilated cardiomyopathy)</p> <p>Lab tours and demonstrations at the McIntyre Medical Building - where the HID project lives</p> <p>Questions and Wrap-up</p>	<p style="text-align: center;">PRACTICUM</p> <p>Surgical airway station and high-fidelity group simulation activity in an OR setting</p> <p>Meet &amp; Greet with residents and staff</p>	<p style="text-align: center;">PRACTICUM</p> <p>Beyond Basic: Screening of the Nephrology and Respiratory course and training in collaboration with the Beyond Basic group</p>		
Evening	Free	Free	Free	Free	Free	Free	Free



## WEEK 3

	Monday July 29	Tuesday July 30	Wednesday July 31	Thursday August 1	Friday August 2	Sat	Sun
Module	<b>PGME INFO SESSION</b>	<b>POPULATION AND GLOBAL HEALTH</b>	<b>NEUROLOGY</b>	<b>PROFESSIONALISM &amp; INTERPROFESSIONAL EDUCATION</b>	<b>WRAP-UP / GRADUATION</b>		
AM	LECTURES  Why do residency training at McGill?  How to prepare a successful application	LECTURES  Global Health in context (History, global burden of disease, key data sources)  Human Resources for Health (Current crisis in manpower shortages; Role of higher income training institutions)	LECTURES  Approach to Neuroanatomical Localization and Clinical Reasoning in Neurology	LECTURES  Physician as Healer  Physician as Professional  Interprofessional Education & Practice  Panel discussion	PROGRAM WRAP-UP		
	Q&A  Our advisors answer your questions on residency  Career Panel	WORKSHOP  Global Health Partnerships (Establishing a partnership; Project implementation; Equitable partnerships and partnership assessment)	PRACTICAL APPLICATION  A Patient Case (History and neurological examination of a real patient)	<b>SIMULATION WORKSHOP</b>  Communication skills scenarios at the state-of-the-art Steinberg Centre for Simulation & Interactive Learning	VP-DEAN'S SPEECH  Graduation Ceremony  Group Photos		
Lunch	Networking Lunch	Lunch	Lunch	Lunch	Farewell Reception		
PM	Meet with Program Directors (PDs) and residents – Get to know our Residency PDs from various specialties  Hospital tour and meeting with McGill residents	<b>GROUP PROJECTS</b>  Presentation of projects on evidence-based medicine and research	PRACTICUM  Case-based small group sessions  Group wrap-up	<b>CENTRE FOR RESEARCH ON BRAIN, LANGUAGE AND MUSIC</b>  Current research at The Neuro  From basic research to patient outreach: Three perspectives  Showcase of research applications from the CRBLM  Networking	End of Program		
	Free	Free	Free	Free			
Evening	Free	Free	Free	Free			