



**Faculty of Medicine**  
**Programs, Courses and University Regulations**  
**2018-2019**



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**Note: Throughout this publication, "you" refers to students newly admitted, readmitted or returning to McGill.**

## ***Publication Information***

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# 1 Medicine

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## 1.1 Location

### Faculty of Medicine

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### Educational Services

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### General Information

Administrative Offices: 514-398-3515  
Educational Services: 514-398-1768  
Admissions Information: 514-398-3517  
Website: [www.mcgill.ca/medicine](http://www.mcgill.ca/medicine)

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## 1.2 About Medicine

The mission of the McGill Faculty of Medicine is to **educate** health care practitioners and scientists based on the highest standards of excellence and principles of life-long learning and to pursue novel **research** and clinical **innovation** to improve the health of individuals in the communities it serves. It provides training in undergraduate medicine, postgraduate medicine, nursing, physical and occupational therapy, and communication sciences and disorders, as well as in the biomedical sciences. The Faculty is guided by its values of professionalism, which include: compassion, integrity and honesty, respect and collaboration, openness, connectedness to its community, and altruism.

### 1. Education

More than 7,900 students, residents and fellows are distributed throughout the Faculty of Medicine's schools, as well as in its numerous institutes and centres. They are supported by 4,600 academics and support staff committed to the Faculty's tripartite mission of education, research, and service to society. Faculty programs are rooted in a scholarship of education. These programs ensure the Faculty's students are oriented to preserving health, are technically competent, are adept at solving problems, and are capable of functioning as part of a multidisciplinary team committed to life-long learning both for themselves and for their patients. Cutting-edge facilities use sophisticated environments and tools to expose students to the most advanced methodologies in experiential learning for the delivery of the best possible and safest care.

### 2. Research

The Faculty of Medicine is home to close to 4,000 investigators, graduate students, and postdoctoral fellows, and accounts for more than 60% of all research across McGill University. It encourages and supports outstanding research trainees and research training programs that contribute to the understanding of the basic mechanisms of health and disease. An emphasis is placed on collaboration between basic and clinical sciences, to accelerate the translation of research into better treatments and care, as well as between members of the Faculty and researchers in other disciplines. The Faculty's research encompasses the scholarship of discovery and integration.

### 3. Service

The Faculty of Medicine is committed to contributing to the development of healthier societies at the local, national, and international levels through education, research, clinical care, and collaboration. Members and trainees of the Faculty provide exemplary, scientifically-based health support and services to the McGill target populations and participate actively in national and international professional organizations. The Faculty promotes a scholarship of application that aims to ensure that available and new knowledge are used to improve the care and well-being of society.

## 2 Administrative Officers

### Administrative Officers in the Faculty of Medicine

David Eidelman; M.D.,C.M.(McG.), F.R.C.P.(C), F.A.C.P.	<b>Vice-Principal (Health Affairs) and Dean of the Faculty of Medicine</b>
Samuel Benaroya; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C)	<b>Associate Vice-Principal and Vice-Dean (Health Affairs)</b>
Pascale Mongrain; CPA-CA, Lawyer	<b>Executive Director</b>
Demetra Kafantaris; M.B.A.(C'dia)	<b>Senior Advisor to Vice-Principal (Health Affairs) and Dean of the Faculty of Medicine</b>
Annette Majnemer; B.Sc.(O.T.), M.Sc., Ph.D.(McG.), F.C.A.H.S.	<b>Vice-Dean (Education)</b>
Philippe Gros; B.Sc., M.Sc.(Montr.), Ph.D.(McG.)	<b>Vice-Dean (Life Sciences)</b>
Mara S. Ludwig; M.D.(Manit.)	<b>Vice-Dean (Academic Affairs)</b>
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Armand Aalamian; M.D.,C.M.(McG.), C.C.F.P., F.C.F.P.	<b>Associate Dean (Postgraduate Medical Education)</b>
Elaine Davis; B.Sc.(W. Ont.), M.Sc., Ph.D.(McG.)	<b>Associate Dean (Biomedical B.Sc., Graduate and Postdoctoral Affairs)</b>
Anita Gagnon; B.Sc.N.(Catholic Univ. of Amer.), M.P.H.(Johns Hop.), Ph.D.(McG.)	<b>Associate Dean and Director (Ingram School of Nursing)</b>
Laurie Snider; B.Sc.(O.T.)(McG.), M.A.(Br. Col.), Ph.D.(Tor.)	<b>Associate Dean and Director (School of Physical and Occupational Therapy)</b>
Marc Pell; B.A.(Ott.), M.Sc., Ph.D.(McG.)	<b>Associate Dean and Director (School of Communication Sciences and Disorders)</b>
Leonora Lalla; M.D.,C.M.(McG.), C.C.F.P.	<b>Associate Dean (Continuing Professional Development)</b>
Miriam Boillat; M.D.,C.M.(McG.), C.C.F.P., F.C.F.P.	<b>Associate Dean (Faculty Development)</b>
Shari R. Baum; A.B.(Cornell), M.S.(Vermont), Ph.D.(Brown)	<b>Associate Dean (Research)</b>
Ana Maria Sant'Anna; M.D., M.Sc., F.R.C.F.C.	<b>Assistant Dean (M.D.,C.M. Admissions)</b>
Namta Gupta; M.D.(Manit.), C.C.F.P., F.C.F.P.	<b>Assistant Dean (Student Affairs)</b>
Deborah Friedman; B.Sc., M.M.(McG.)	<b>Assistant Dean (Student Affairs, Schools in the Faculty of Medicine)</b>
Paola Fata; M.D.,C.M., F.R.C.S.(C)	<b>Assistant Dean (Resident Professional Affairs)</b>
Mélanie Mondou; M.D.,C.M.(McG.), M.Sc.(Maastricht)	<b>Assistant Dean (Undergraduate Medical Education)</b>
Gilles Brousseau; M.D.(Montr.), F.C.F.P.	<b>Assistant Dean (Medical Education, Outaouais Region)</b>
Guyène Theriault; M.D., C.F.P.C.	<b>Assistant Dean (Distributed Medical Education)</b>
Evelyn Constantin; M.D.,C.M., M.Sc.(McG.), F.R.C.P.(C)	<b>Assistant Dean (Postgraduate Medical Education)</b>
Francesca Luconi; B.A., M.Ed., Ph.D.(McG.)	<b>Assistant Dean (Continuing Professional Development)</b>
Lesley Fellows; M.D.,C.M.(McG.), D.Phil.(Oxf. & Balliol)	<b>Assistant Dean (Academic Affairs)</b>
Natalie Waters; M.L.I.S.(McG.)	<b>Head Librarian, Schulich Library of Physical Sciences, Life Sciences and Engineering</b>

## 3 History

The Faculty of Medicine was established as the first faculty of McGill University in 1829. It is also Canada's first faculty of medicine. Its origins date back to 1823 when four staff members of the recently opened Montreal General Hospital founded the Montreal Medical Institution in order to offer lectures to students of medicine. In 1833, four years after the Institution became the Faculty of Medicine, William Leslie Logie was awarded the degree of Doctor of Medicine and Surgery and became the first graduate of McGill and the first Canadian medical graduate. In 1862, the degree was changed to its present designation, Doctor of Medicine and Master of Surgery (M.D.,C.M.), and in 1872 it was conferred upon the Faculty's most illustrious graduate, William Osler. Osler served on the Faculty from 1874 to 1884 before going on to the University of Pennsylvania, Johns Hopkins University, and Oxford University.

He was instrumental in developing the former Life Sciences Library, which had its origin in the Montreal Medical Institution. He left to McGill his extensive collection of books devoted to the history of medicine, today housed in the Osler Library of the History of Medicine.

The land occupied by the University, deeded to it by James McGill, is located in the heart of Montreal on the southern slope of Mount Royal. The Faculty of Medicine is located on the flank of the mountain on Promenade Sir-William-Osler at avenue des Pins. The McGill Life Sciences Complex, which opened in the fall of 2008, unites the McIntyre Medical Sciences Building, the Stewart Biology Sciences Building, the Francesco Bellini Life Sciences Building, and the Rosalind and Morris Goodman Cancer Research Centre. The Complex is situated between Promenade Sir-William-Osler and rue Peel. The Strathcona Anatomy and Dentistry Building and the Montreal Neurological Institute are situated a half mile east of the McGill Life Sciences Complex. The Montreal General Hospital of the McGill University Health Centre (MUHC), relocated in 1955 from its original site south of the University, lies a half mile to the west. Also part of the MUHC, the Royal Victoria Hospital, Montreal Children's Hospital, Montreal Chest Hospital, Cedar's Cancer Centre, and Research Institute relocated in 2015 to the Glen site, 1001 boulevard Decarie. The MUHC is one of the Faculty's four major teaching hospitals, together with the Jewish General Hospital, St. Mary's Hospital Center, and the Douglas Mental Health University Institute.

## 4 Medical Societies

### McGill Medical Students' Society Inc.

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3706 Peel Street  
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The Society is an association of all registered medical students. Acting through its elected council and various Faculty committees, the Society performs a number of functions:

1. to represent medical students' needs, concerns, and ideas to the Faculty of Medicine, the rest of the McGill community, the government, and the public at large;
2. to promote interaction among medical students through both the *Fédération médicale étudiante du Québec* (FMEQ) and the Canadian Federation of Medical Students (CFMS);
3. to attempt the advancement of new forms of learning in response to the desires of the students;
4. to promote student sporting and social events within the Faculty and with other faculties;
5. to support its clubs, interest groups, and standing committees in advancing the student life and educational experience of its members;
6. to publish a weekly newsletter, *The Murmur*, for all medical students;
7. to attempt generally to provide the resources and personnel to meet student needs and wishes as they arise;
8. to support and facilitate the creation and consolidation of student-led academic and community outreach initiatives;
9. to consult its members with the goal of improving student representation and services, including through hosting at least one general assembly per academic year.

The MSS has members on many Faculty committees, including the M.D.,C.M. Program Committee and the Admissions Committee. The Society strives to provide opportunities and events that will meet all students' needs.

### L'Association des étudiant(e)s en médecine

L'Association des étudiant(e)s en médecine est une association de tous les étudiants inscrits en médecine. Représentée par son conseil élu et par les divers comités de la faculté, l'Association accomplit les fonctions suivantes :

1. représente les idées des étudiants, leurs soucis et leurs problèmes à la faculté de médecine, à la communauté de McGill, au gouvernement et au public en général;
2. facilite la communication des étudiants en médecine par le biais de la Fédération médicale étudiante du Québec (FMEQ) et de la Fédération des étudiants et des étudiantes en médecine du Canada (FEMC);
3. essaie de développer de nouveaux cours qui répondront aux désirs des étudiants;
4. s'occupe des activités sportives et sociales des étudiants en médecine et avec autres facultés;
5. soutient ses clubs, ses groupes d'intérêt et ses comités permanents pour faire avancer la vie étudiante et l'expérience éducative de ses membres;
6. publie un hebdomadaire, *The Murmur*, pour tous les étudiants en médecine;
7. de façon générale, essaie de fournir les ressources et le personnel afin de rencontrer les besoins et les désirs des étudiants qui se font ressentir;
8. soutient et facilite la création et la consolidation de projets étudiants axés sur les volets académique et communautaire.
9. consulte ses membres afin d'améliorer la représentation étudiante et les services aux étudiants, y compris en organisant au moins une assemblée générale par année universitaire.

L'Association des étudiants en médecine a des membres sur plusieurs comités de la faculté y compris le « M.D.,C.M. Program Committee » et « Admissions Committee ». L'Association s'efforce de fournir des occasions et des événements qui répondront à tous les besoins des étudiants.

### Osler Society

The Osler Society was founded in 1921 to perpetuate the memory and teaching of Sir William Osler, the most illustrious graduate and professor of the McGill Faculty of Medicine. In the spirit of Osler, the object of the society is to enrich our medical education through the attendance of lectures given by distinguished guest speakers, and through the presentation and discussion of papers concerning the Humanities and Social Sciences in Medicine. In addition, the club has put a focus on developing philanthropy among medical students and in exploring various areas in which the experience may be enriched to develop students into more well-rounded physicians.

Meetings, charity hours, and activities are held throughout the academic year. In the fall, the Osler Lecture is given by a distinguished guest. It is followed by the Osler Banquet, a formal dinner in the grand tradition of the Society. See [mcgillmed.com/clubs](http://mcgillmed.com/clubs) for more information.

### **McGill Journal of Medicine**

The *McGill Journal of Medicine* (MJM) is a scholarly scientific journal providing an international forum for university students to publish original research, case reports, reviews, and expository essays in any field of medicine. Established in May 1994, MJM is published biannually and produced entirely by students in the Faculty of Medicine and in Graduate and Postdoctoral Studies at McGill. The MJM is peer-reviewed, available online and open-access. The MJM seeks to advance scientific knowledge by publishing the results of scientific research as well as commentaries about relevant issues pertaining to science and medicine.

Based on the principles of student excellence and education, MJM is unique among existing medical journals. It is the only student-run scientific journal devoted to publishing the original research of students exclusively, on an international scale. MJM has established a national and international base of authors. Please see reviews of MJM in the *New England Journal of Medicine* (336:885;1997) and *JAMA* (278:1461-2;1997) and visit online at [www.mjmed.com](http://www.mjmed.com).

An updated list of MSS' societies and clubs can be found at the following link: [mcgillmed.com/clubs](http://mcgillmed.com/clubs).

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## **5 Health Sciences: General Information**

This section contains important details specific to the McGill Health Sciences, as an addendum to information found in the [University Regulations and Resources \(Undergraduate\)](#). You will find information related to such topics as: language policies, vaccination/immunization requirements, immigration information, and information on the various facilities available.

Further regulations and information may be specified by your individual faculty or school.

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### **5.1 Admission**

Admission requirements and applications procedures are outlined in the individual faculty and school sections; refer to [Faculties & Schools](#) to find yours.

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### **5.2 Student Services and Regulations**

#### **5.2.1 Student Advising**

The Mission Statement of the University expresses the commitment to offer students “the best education available”. An essential component of this is the advising process. The active participation of students in the advising process is essential in order for them to access the full range of academic opportunities during their studies. They must be proactive in seeking meetings with advisers, professors, counsellors, and such to ensure that they receive the advice they need to meet their academic goals. It is their responsibility to inform themselves about the rules and regulations of the University faculty, and their program. With the students' cooperation, all advisers and counsellors will work together to help students throughout their program.

Students are responsible for the correctness and completeness of their records. While faculty advisers and staff are always available to give advice and guidance, it is the student's ultimate responsibility for completeness and correctness of course selection, for compliance with and completion of program and degree requirements, and for observance of regulations and deadlines. It is the student's responsibility to seek guidance if in any doubt; misunderstanding or misapprehension will not be accepted as cause for dispensation from any regulation, deadline, program requirement, or degree requirement.

#### **Your adviser**

- is a faculty or staff member with whom you can build a relationship to counsel you throughout the program;
- can guide you with both academic and non-academic concerns;
- is the person in your Faculty or School with whom you can discuss any matter and to whom you may go for advice;
- will provide ongoing advice and guidance on the program;
- will assist you with workload management;
- will assist you with guidance regarding career options or considerations;
- will offer help managing academic situations during periods of personal, financial, or medical problems, by working with students to identify various possibilities and strategies for making informed decisions;
- will communicate with other advisers within the University and, with a student's permission, serve as a direct link to other University resources.





**Note for Nursing:** See the advising structure under "Support for Students" in the *Ingram School of Nursing Faculty and Student Handbook*.

### Related Services

Please refer to : *Student Services – Downtown Campus* or : *Student Services – Macdonald Campus* for a list of services available to you.

## 5.2.2 Language Policy

The official language of instruction for the McGill health sciences is English. Students should be aware that most of the clinical affiliation placements undertaken in the province of Quebec, including those in Greater Montreal, require proficiency in both English and French.

It is recommended that students who lack proficiency in English or French avail themselves of the opportunity to take an English or a French as a second language course, prior to or early in their program of studies. For more information, please refer to *University Regulations & Resources > Undergraduate > General Policies and Information > : Language Policy*.



**Note for Dentistry:** The language of instruction at McGill University is English; dental students are expected to have a working knowledge of the English and French languages (comprehension, spoken, and written). All lectures and small groups are conducted in English.

D.M.D. students must also refer to

[www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/starting-our-program-what-you-need-know/language-requirements](http://www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/starting-our-program-what-you-need-know/language-requirements).



**Note for Dietetics Major, School of Human Nutrition:** All placement sites within the McGill network are bilingual and require students to have, at minimum, a working knowledge of both English and French. Students are expected to have a functional knowledge of the French language (reading and verbal comprehension, and functional spoken French) by the start of clinical and management placements (Year 2).



**Note for Medicine:** The language of instruction at McGill University is English. All lectures and small groups are conducted in English; medical students are expected to have a working knowledge of the English and French languages. Due to early clinical exposure in bilingual settings, the student is also expected to have a working knowledge of the French language (comprehension, spoken, and basic written) from the outset of the M.D.,C.M. program. Consequently, alternative arrangements aimed at placing students in sites where a working knowledge of French is not required will not be made. Students may be assigned to a one-year integrated clerkship in Gatineau, Quebec (in French) and/or other rural locations. Assignment to clinical sites, including Gatineau, are made at the discretion of the UGME office.

M.D.,C.M. students must also refer to

[www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/starting-our-program-what-you-need-know/language-requirements](http://www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/starting-our-program-what-you-need-know/language-requirements).



**Note for Nursing:** The official language of instruction at McGill is English. In accord with McGill University's Charter of Students' Rights, students have the right to submit in English or in French any written work that is graded. Students should be aware that most of the clinical affiliation placements undertaken in Quebec, including those in the greater Montreal, require proficiency in both English and French. As such, Nursing students are expected to have a working knowledge of the English and French languages. While French language testing is not required for entry to any program, students who lack proficiency in French must avail themselves of the opportunity to take French as a second language courses prior to or early in their program of studies.



**Note for Physical & Occupational Therapy:** All sites within the McGill network require students to have a working knowledge of both English and French. To be eligible for the most varied fieldwork experiences, students are highly encouraged to prepare themselves to work in both languages. Students who are not proficient in French may need to be placed outside of Quebec at their own expense. Such placements are strictly subject to availability and cannot be guaranteed.

### 5.2.2.1 Proof of Proficiency in English

Applicants are not required to submit proof of proficiency in English if they meet one of the following conditions: their mother tongue/first language is English; or they have completed both Secondary V and a Diploma of Collegial Studies in Quebec; or they have studied for five or more years in an institution where English is the primary language of instruction.

**All other applicants must demonstrate proficiency in English, using one of the following five options:**

- **Test of English as a Foreign Language (TOEFL)**

Most undergraduate programs require 90 (iBT; 577 for the PBT (paper-based test)). Some programs require higher or lower scores.

- **McGill Certificate of Proficiency in English**

For further information about the program, contact:

Department of Language and Intercultural Communication, School of Continuing Studies

688 Sherbrooke Street West, 11th floor

Montreal QC H3A 3R1

Telephone: 514-398-6160

Email: [info.conted@mcgill.ca](mailto:info.conted@mcgill.ca)

Website: [www.mcgill.ca/continuingstudies/programs-and-courses/languages](http://www.mcgill.ca/continuingstudies/programs-and-courses/languages)

- **International English Language Testing System (IELTS)**  
A band score of 6.5 or better.
- **University of Michigan English Language Test (MELAB)**  
A minimum mark of 85%.
- **Advanced Placement International English Language (APIEL)**  
A minimum score of 4.

### 5.2.3 Vaccination/Immunization Requirements for Health Sciences Programs

A **compulsory** immunization program exists at McGill for students in the Health Sciences programs. Health Sciences students must start the immunization process as soon as they are accepted at McGill and must complete it well before they are permitted contact with patients. Entry into the McGill University Teaching Hospitals may be delayed if immunizations are incomplete according to the information provided by the McGill Student Health Service: [www.mcgill.ca/studenthealth/immunize/forms](http://www.mcgill.ca/studenthealth/immunize/forms).

Proof of immunity must be written and signed by either a nurse or a physician. For details, see [www.mcgill.ca/studenthealth/immunize/vaccine](http://www.mcgill.ca/studenthealth/immunize/vaccine).

**There are no exceptions to these requirements. Students who do not meet these requirements will be asked to withdraw.**

Vaccination against other infectious diseases such as influenza may be required.

Current information indicates that there is a potential risk of transmission of Hepatitis B from practitioner to patients in the clinical dental setting. Therefore, applicants for the D.M.D. program, Multidisciplinary Residency Program in Dentistry and M.Sc. in Oral and Maxillofacial Surgery will be required to be tested for Hepatitis B surface antigen by the McGill Student Health Services. Applicants who test positive for Hepatitis B surface antigen will be tested for Hepatitis B “e” antigen and Hepatitis B viral DNA to help determine infectivity risk. If either Hepatitis B “e” or Hepatitis B viral DNA is positive, the offer of acceptance will be withdrawn and registration in the program will not be completed.

Health Sciences students who think they might be infected or think they have been exposed to a blood-borne disease should be tested for any or all blood-borne pathogens.

Students who are seropositive for Hepatitis B, C, HIV, and/or any other blood-borne pathogens have an obligation to notify the Dean or Director of the school as soon as they know their serologic status. These students will be referred to the "*Service d'évaluation du risque de transmission d'infections hématogènes*", a provincial service responsible for all infected workers, including medical students. This service will make recommendations to the students and Faculty based on current scientific knowledge and relevant guidelines and practices. Students must follow the recommendations of the Service. The Service may recommend restricting the practice of these students. Students who carry blood-borne pathogens may not be permitted to perform procedures involving needles, scalpels or other sharp objects as this may pose a risk to patients and co-workers. **This means that they may not be able to complete their clinical requirements and may be required to withdraw.**

**Applicants who know they are carrying blood-borne pathogens should consider carefully their intention to become healthcare workers and govern themselves accordingly.**

Students involved in patient care who develop any contagious disease placing patients at risk must immediately discuss their condition with their supervisor and they may be required to temporarily stop clinical activities. McGill University considers it important for Health Sciences students to fulfil their ethical obligation to patients by taking appropriate measures to minimize the transmission of disease.

Students will receive details of the immunization requirements with their acceptance package and on the following website:

[www.mcgill.ca/studenthealth/immunize/forms](http://www.mcgill.ca/studenthealth/immunize/forms). Immunizations can be completed at McGill Student Health Services which operates during the summer.

For information on how to make a Student Health Services clinic appointment see [www.mcgill.ca/studenthealth/see-doctor/appointments](http://www.mcgill.ca/studenthealth/see-doctor/appointments).



**Note:** You must also refer to your specific Faculty's or School's immunization section to be certain that all immunization requirements have been fulfilled.



**Note for Medicine and Dentistry:** M.D., C.M. and D.M.D. students must also refer to [www.mcgill.ca/ugme/academic-policies#healthsafety](http://www.mcgill.ca/ugme/academic-policies#healthsafety).



**Note for Nursing:** For a complete listing of requirements and deadlines for meeting these requirements in nursing, see [www.mcgill.ca/nursing/students/clinical](http://www.mcgill.ca/nursing/students/clinical).



**Note for Physical and Occupational Therapy:** Prior to starting their first clinical course, students must ensure that their immunization records are complete and that they have completed their mask fitting. Failure to do so will prevent students from starting their first clinical course. Students must contact *McGill Student Health Service* for a mask fitting appointment or attend announced group appointments. All supporting documentation regarding immunization must be submitted to McGill Student Health Service. McGill Student Health Service will provide students with cards that will attest the completion of the immunization requirements, and will contain information regarding mask fit. Cards will be provided to students upon immunization and mask fitting completion. Students are required to submit the McGill Student Health Service card electronically by the third clinical seminar (submission details provided in clinical seminar 1).

### 5.3 Fees: Health Sciences

The information in this publication was updated in April 2018. The University reserves the right to make changes without notice in the published scale of fees.

Further information regarding fees is available at [University Regulations & Resources > Undergraduate > : Fees](#) , and on the [Student Accounts](#) website. For additional fees per faculty and school, see [www.mcgill.ca/student-accounts/tuition-charges/fallwinter-term-tuition-and-fees/undergraduate-fees](http://www.mcgill.ca/student-accounts/tuition-charges/fallwinter-term-tuition-and-fees/undergraduate-fees).

#### Fees for the Health Sciences (rates as of 2018–2019)

##### General Fees

###### Application Fees:

All undergraduate programs, <i>excluding</i> Medicine and Dentistry	\$110.40 (as of Winter 2019)
Medicine and Dentistry	\$154.56
Reconsideration fee	\$40

###### Prepayment Fee:

Dentistry	\$500
Pre-Dentistry	\$300
Medicine	\$500

##### Communication Sciences and Disorders Fees

M.Sc.A. ID Badge – First Year	\$28.75
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##### Dentistry - Purchases of Equipment and Materials Fee

In addition to the fees shown on the list of fees for Dentistry, students must purchase certain items of equipment and supplies from the Faculty of Dentistry. The fee also includes an amount for general supplies in the laboratories and clinics and will be billed on your e-bill.

The cost of these purchases (including GST and QST) in 2018–2019 is estimated as follows:

First Year	\$400
Second Year	\$18,300
Third Year	\$3,800
Fourth Year	\$2,200

For more information, see [www.mcgill.ca/dentistry/programs](http://www.mcgill.ca/dentistry/programs). You will receive an e-bill in August with the exact breakdown of costs related to your equipment purchases. Costs of purchases will be finalized in late June and available in the cost tables found on the [Student Accounts website](#).

##### Dentistry Extra Fees

1 Short White Coat with McGill Logo	approximately \$35
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**Dentistry Extra Fees**

Supplemental or Reread Exam Request Fee	\$39.65 per exam
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**Dental Clinic/Lab Usage Fee (as of 2018–2019)**

Second Year	\$1,122.56
Third Year	\$2,245.10
Fourth Year	\$2,245.10

**Dentistry - Laptops**

The Faculty of Dentistry uses web-based courseware and examinations. Students are required to be equipped with laptops that meet certain minimum requirements.

**Dentistry and Medicine - Microscopes**

In order to ensure that each student is adequately equipped for the microscopic work in histology, microbiology and pathology, a binocular microscope is provided for all students in first and second year.

**Medicine Fees**

Books, Laboratory Materials, Gloves, Anatomy Dissection Kit, Stethoscope, BP cuff, etc.	approximately \$1,500 to \$2,000 (for duration of program)
2 Short White Coats with McGill Logo	approximately \$75
<i>Collège des médecins du Québec</i> (CMQ) registration fee – beginning of First Year (September 30)	\$105

**Medicine Extra Fees**

Supplemental or Reread Exam Request Fee	\$39.65 per exam (see <a href="#">Tuition Fees</a> )
Vaccines	see <a href="#">Student Health Service</a>
French Medical Workshop (optional registration; recommended) – <i>All students are required to have working French knowledge during clinical rotations (years 2, 3, 4)</i>	\$250 (see <a href="#">Language Requirements</a> )

**Medicine - Laptops**

The M.D.,C.M. program uses web-based courseware and examinations. Students are required to be equipped with laptops that meet certain requirements throughout the 4 years of the M.D.,C.M. program.

**Nursing Fees**

Books, Uniform, Stethoscope, etc.	approximately \$2,500 to \$3,500 (for duration of the program)
Graduation Pins – Third Year	\$80 to \$200, depending on market value

**Nursing Fees**

Name Badge – First Year	approximately \$25
OIIQ registration fee (paid at the OIIQ)	approximately \$250 (for duration of program, subject to change by the OIIQ)
Local transportation to clinical sites	\$70/month
Clinical Skills Kit	amount varies as per course needs

**Physical and Occupational Therapy Fees**

Books and Other Equipment	\$1,000
Laboratory Materials	\$64.56

**5.4 Immigration Information**

Unless their studies at McGill will be completed in less than six (6) months, all students who are not Canadian citizens or Permanent Residents of Canada must obtain proper authorization from both Quebec and Canadian Immigration officials prior to proceeding to Canada and/or commencing studies. The process begins with a Letter of Acceptance from McGill University.

Details on Canadian immigration regulations may be obtained from the closest Canadian Visa Service (CVS) of [Immigration Canada](#).

In addition, International Student Services prepares a “Getting Started” pamphlet along with a detailed Handbook for international students, which is sent to all accepted applicants. The Handbook is also available on the [International Student Services website](#).

For further information, please contact:

International Student Services  
 Brown Student Services Building  
 3600 McTavish Street, Suite 3215  
 Montreal QC H3A 0G3  
 Telephone: 514-398-4349  
 Website: [www.mcgill.ca/internationalstudents](http://www.mcgill.ca/internationalstudents)  
 Email: [international.students@mcgill.ca](mailto:international.students@mcgill.ca)

**5.5 Facilities**

The following facilities are associated with the McGill Health Sciences.

**5.5.1 Buildings****680 Sherbrooke Street West, 18th, 19th, and 20th floors, Montreal QC H3A 0B8**

After many decades in Wilson Hall, 680 Sherbrooke is now home to the Ingram School of Nursing, its faculty, staff, and students. These three topmost floors provide office space, student lounge areas, classroom settings, and learning laboratories for the School.

**1010 Sherbrooke Street West, Suite 1210, Montreal QC H3A 2R7**

The Faculty of Medicine Admissions and University Advancement Offices are located in this building.

**3605 de la Montagne Street, Montreal QC H3G 2M1**

This building, built in 1925, comprises the administrative offices of the Faculty of Medicine.

**3647 Peel Street, Montreal QC H3A 1X1**

This building houses the Departments of Social Studies of Medicine and Biomedical Ethics.

**4920 de Maisonneuve Blvd. West, Suite 301, Westmount QC H3Z 1N1**

The McGill Molson Informatics Unit is located in this building.

**5100 de Maisonneuve Blvd. West, Suite 720, Montreal QC H4A 3T2**

The Gerald Bronfman Department of Oncology and two Administrative Excellence Centres (AEC #7 and #9) are located in this building.

**5858 Côte-des-Neiges Road, Suite 300, Montreal QC H3S 1Z1**

The Department of Family Medicine is located in this building.

**Charles Meredith House**

1130 Pine Avenue West, Montreal QC H3A 1A3

This elegant building, built for Charles Meredith, houses the Institute for Health and Social Policy.

**Davis House**

3654 Promenade Sir-William-Osler, Montreal QC H3G 1Y5

Built in 1909 for contractor James T. Davis, this heritage building, designed by architects Edward and W.S. Maxwell, houses administrative and faculty offices and teaching facilities of the School of Physical and Occupational Therapy.

**Duff Medical Building**

3775 University Street, Montreal QC H3A 2B4

Opened for use in 1924, the building is situated on the northeast corner of University Street and Pine Avenue. It is occupied by the Pathology Department, the Department of Biomedical Engineering, the Department of Microbiology and Immunology, the Sheldon Biotechnology Centre, and the Faculty of Medicine Communications Office.

**Hosmer House**

3630 Promenade Sir-William-Osler, Montreal QC H3G 1Y5

Built in 1901, for Ogilvie Flour Mill founder Charles Hosmer, this heritage building, designed by architect Edward Maxwell, houses administrative and faculty offices and teaching and research facilities of the School of Physical and Occupational Therapy.

**Hosmer House Annex**

3541 de la Montagne, Montreal QC H3G 2A2

Built in 1901, for Ogilvie Flour Mill founder Charles Hosmer, this heritage coach house was designed by architect Edward Maxwell and houses teaching facilities of the School of Physical and Occupational Therapy.

**Hugessen House**

3666 McTavish Street, Montreal QC H3A 1Y2

This building houses four Administrative Excellence Centres (AEC #1, #3, #10, and #11).

**Irving Ludmer Psychiatry Research and Training Building**

1033 Pine Avenue West, Montreal QC H3A 1A1

In 1943, a large building and site were donated as a basis for the development of an Institute of Psychiatry. The building was reconstructed to permit the establishment of a 50-bed unit, together with extensive research laboratories, and opened in 1944. In 1946, the first day hospital in the world was opened at the Institute, and in 1953, a 50-bed wing was added. In 1985, another wing, housing in-patient services, psychology, and occupational therapy, was added. The Irving Ludmer Psychiatry Research and Training Building of the Department of Psychiatry was built by McGill University in 1963, providing an extensive and modern research facility.

**Lady Meredith Annex**

3706/3708 Peel Street, Montreal QC H3A 1W9

This annex is the new on-campus social space for medical students, complete with computers, study desks, sofas, and other furnishings, and also houses the WELL Office (Wellness Enhanced Lifelong Learning).

**Lady Meredith House**

1110 Pine Avenue West, Montreal QC H3A 1A3

This building houses the Centre for Medical Education, the Faculty Development Office, and the Continuing Professional Development (CPD) Office.

**Macdonald-Stewart Building**

21,111 Lakeshore Rd., Ste-Anne-de-Bellevue QC H9X 3V9

This building, completed in 1978, houses the administrative offices and laboratories for the School of Human Nutrition and the Faculty of Agricultural and Environmental Sciences.

**McGill University Genome Quebec Innovation Centre**

740 Doctor Penfield Avenue, Montreal QC H3A 0G1

This six-storey structure is a world class research facility for genomics and proteomics. Founded in 2002, the Centre has developed a world-renowned expertise in complex genetic disorders such as cardiac disease, asthma, and Type 2 diabetes, and has become a resource and a networking site for various research initiatives in human health, forestry, infectious diseases, agriculture, and environment. The Centre is shared by several groups, including the Montreal Genome Centre; the Montreal Proteomics Centre; the Genome Quebec Expertise Centre; the Mass Spectrometry Unit; the Bone Research Centre; bio-business incubators; the Alan Edwards Centre for Research on Pain; and the Centre of Genomics and Policy.

#### **McGill University Life Sciences Complex**

3649 Promenade Sir-William-Osler, Montreal QC H3G 0B1  
1160 Pine Avenue West, Montreal QC H3A 1A3

The Life Sciences Complex encompasses the McIntyre Medical Sciences Building, the Stewart Biology Building, and two additional state-of-the-art facilities which were opened in 2008: the Francesco Bellini Life Sciences Building and the Goodman Cancer Research Centre. This 340,000-square-foot system of buildings houses a dozen core facilities and over 2,000 researchers, technical personnel, graduate students, and postdoctoral fellows. The cornerstone of the complex is the new construction of 180,000 square feet that was expressly designed to encourage cross-disciplinary research, and is totally dedicated to research activities. It also bridges the two other buildings, which have mixed space for teaching and laboratories, to form the complex.

#### **McIntyre Medical Sciences Building**

3655 Promenade Sir-William-Osler, Montreal QC H3G 1Y6

This 15-storey building, completed in 1965, contains the students' related administrative services of the Faculty of Medicine, as well as the Life Sciences Library Service Point; the Osler Library of the History of Medicine; the Departments of Biochemistry, Pharmacology and Therapeutics, and Physiology; the McGill Global Health Programs; and a number of special research units.

#### **Morrice House**

1140 Pine Avenue West, Montreal QC H3A 1A3

This building houses the Clinical and Health Informatics Research Group.

#### **Place Mercantile Building**

2001 McGill College Avenue, Montreal QC H3A 1G1

This building, located at the corner of McGill College Avenue and Sherbrooke Street, houses the Faculty of Dentistry's administrative offices; Oral Health and Society Research Group; the teaching laboratories and classrooms; the Undergraduate Teaching Clinic (formerly at the Montreal General Hospital); and the School of Communication Sciences and Disorders.

#### **Purvis Hall**

1020 Pine Avenue West, Montreal QC H3A 1A2

Purvis Hall, one of several old mansions in the historic "Golden Square Mile" of Montreal, is situated at the corner of Peel Street and Pine Avenue. This building is dedicated to the administrative offices, teaching, and research activities of the Department of Epidemiology, Biostatistics, and Occupational Health.

#### **Rabinovitch House**

3640, rue de la Montagne, Montreal QC H3G 2A8

This building houses the Centre for Research on Brain, Language, and Music; research facilities of the School of Physical and Occupational Therapy; and the McGill Phonathon.

#### **Steinberg Centre for Simulation and Interactive Learning**

3575 Park Avenue, Suite 5640, Montreal QC H2X 3P9

The Steinberg Centre for Simulation and Interactive Learning (SCSIL) is located at the corner of Parc Avenue and Prince Arthur Street West, currently occupying 18,000 square feet of space in the lower level of the *Galleries du Parc* mall (La Cité). The SCSIL is an interprofessional centre of excellence that uses medical simulation to enhance the skills of health care professionals and strives to improve patient safety and quality of care through education, research, and innovation. In addition to its surgical skills area, high fidelity simulation suite, and 10 clinical encounter rooms, the Centre recently expanded, adding 12,000 square feet to its facilities, including a simulated ward, a hybrid operating room, a virtual reality trainer room, and a simulated apartment.

The SCSIL provides the next generation of doctors, nurses, occupational therapists, physiotherapists, and speech-language pathologists with hands-on training in difficult and potentially dangerous procedures without risk to patients. It also promotes the importance of teamwork in health care delivery. The Centre is also a focal point for research in the field of simulation-based medical education with a mission to generate cutting-edge innovations in how we train our clinicians and engage with our community.

#### **Strathcona Anatomy and Dentistry Building**

3640 University Street, Montreal QC H3A 0C7

This building, opened in 1911, houses the research wet laboratories and research administration of the Faculty of Dentistry, offices and laboratories of the Department of Anatomy and Cell Biology, the McGill Programs in Whole Person Care, the Polypeptide Hormone Laboratory, and an Administrative Excellence Centre (AEC #2).

## 5.5.2 Hospitals

### 5.5.2.1 McGill University Teaching Hospitals

The teaching hospital network of McGill University is an integral part of the research, teaching, and clinical activities of the Faculty of Medicine. By agreement and tradition, the administration, medical staff, and scientific personnel of these institutions are closely integrated with McGill University and form the basis for the clinical departments of the Faculty of Medicine. McGill University Health Centre (MUHC) / *Centre universitaire de santé McGill* (CUSM) is a merger of seven teaching hospitals affiliated with the Faculty of Medicine at McGill University. The activities of the MUHC are carried out at the following locations:

**Montreal Children's Hospital, Royal Victoria Hospital, Montreal Chest Institute, and Cedars Cancer Centre at the Glen Site**

1001 Décarie Boulevard  
Montreal QC H4A 3J1  
Telephone: 514-934-1934  
Website: [muhc.ca/glen/dashboard](http://muhc.ca/glen/dashboard)

**Montreal General Hospital**

1650 Cedar Avenue  
Montreal QC H3G 1A4  
Telephone: 514-934-1934  
Website: [muhc.ca/mgh/dashboard](http://muhc.ca/mgh/dashboard)

**Montreal Neurological Institute and Hospital**

3801 University Street  
Montreal QC H3A 2B4  
Telephone: 514-398-6644  
Website: [muhc.ca/mnh/dashboard](http://muhc.ca/mnh/dashboard)

**Lachine Hospital**

650 16th Avenue  
Lachine QC H8S 3N5  
Telephone: 514-634-2351  
Website: [muhc.ca/lachine/dashboard](http://muhc.ca/lachine/dashboard)

Each year, the MUHC receives close to 600,000 ambulatory visits, over 35,000 in-patient stays, performs close to 33,000 surgeries, and delivers almost 3,000 babies. In addition to its clinical expertise, the MUHC is proud of the quality and rigor of its clinical and scientific training. Together with its Research Institute, each year 1,200 research trainees; 1,159 residents, pharmacists and fellows; 1950 nursing staff; 745 medical students; and 523 technical and professional students are trained. Continuing education programs are also an integral part of delivering excellent patient care. In addition, all MUHC physicians are appointed professors at the Faculty of Medicine at McGill University.

The MUHC has close to 12,000 health care and other personnel working within the organization's seven clinical missions:

- The Montreal Children's Hospital;
- Medicine;
- Surgery;
- Neurosciences;
- Mental Health;
- Women's Health;
- Cancer Care.

The Research Institute of the McGill University Health Centre (RI-MUHC) is a world-renowned biomedical and healthcare research centre. The Institute, which is affiliated with the Faculty of Medicine of McGill University, is the research arm of the McGill University Health Centre (MUHC) – an academic health centre located in Montreal, Canada, that has a mandate to focus on complex care within its community. The RI-MUHC supports over 420 researchers and close to 1,200 research trainees devoted to a broad spectrum of fundamental, clinical, and health outcomes research at the Glen and the Montreal General Hospital sites of the MUHC. Its research facilities offer a dynamic multidisciplinary environment that fosters collaboration and leverages discovery aimed at improving the health of individual patients across their lifespan. The RI-MUHC is supported in part by the *Fonds de recherche du Québec – Santé* (FRQS). More information is available at [rimuhc.ca](http://rimuhc.ca).

The newest addition to the MUHC is one of the most innovative academic health centres in North America. It has brought together our legacy sites—the Montreal Chest Institute, the Royal Victoria Hospital, the Montreal Children's Hospital, and a new Cancer Centre—onto one site: the Glen. At the Glen site, our vision of excellence is taking shape by integrating health care, research, and teaching on a whole new level. With custom-built facilities, state-of-the-art equipment, and nurturing healing environments, we are pushing the boundaries of innovation for our current generation and those to come. Renovations are also underway at our other MUHC sites—the Lachine Hospital, the Montreal General Hospital, and the Montreal Neurological Hospital—as we continue to strive to provide the best care for life for our patients and families. For more information on the MUHC, visit [muhc.ca](http://muhc.ca).



There are three other principal teaching hospitals:

**Jewish General Hospital** (Integrated Health and Social Services University Network for West-Central Montreal/*Centre intégré universitaire de santé et services Sociaux (CIUSSS) du Centre-Ouest-de-l'Île-de-Montréal*)

3755 Côte Ste-Catherine Road  
Montreal QC H3T 1E2  
Telephone: 514-340-8222  
Website: [jgh.ca/en/home](http://jgh.ca/en/home)

Since 1934, the Jewish General Hospital has served patients of diverse religious, linguistic, and cultural backgrounds who reside in Montreal, throughout Quebec, and beyond. As one of the province's largest acute-care hospitals, this 637-bed McGill University teaching hospital admits more than 25,000 patients per year, while handling approximately 520,000 outpatient visits, more than 86,000 emergency visits, and more than 3,900 births. The JGH is widely recognized for excellence in various specialties, including oncology at the Segal Cancer Centre, cardiology, neonatology, orthopedics, family medicine, aging, and emergency medicine in a new and significantly upgraded Emergency Department. In addition, several services—including Intensive Care, Neonatal Intensive Care, Coronary Care, and the operating rooms—opened in a new critical-care pavilion in January 2016. The hospital has been designated by the government of Quebec as one of Montreal's five major service centres; as a provincial centre for high-risk obstetrical and neonatal care; and as a breast referral and investigation centre.

Treatment is provided by approximately 695 affiliated doctors, many of whom have teaching appointments at McGill University, as well as 300 medical residents per year, together with nursing and a wide range of allied health services. The Jewish General Hospital carries out more than 22% of the training for McGill's Faculty of Medicine and is home to several of the University's programs, including the McGill AIDS Centre, the McGill Centre for Translational Research in Cancer, the McGill Head and Neck Surgery and Oncology Program, and the McGill Menopause Clinic. The hospital's Lady Davis Institute is acknowledged as a world leader in many fields of research, including cancer (the Terry Fox Molecular Oncology Group), aging (the Bloomfield Centre for Studies in Aging), epidemiology (the Centre for Clinical Epidemiology and Community Studies), nursing (the Centre for Nursing Research), AIDS, cardiovascular disease, genetics, emergency medicine, nephrology, and the psychosocial aspects of illness. The outstanding quality of this work has often enabled the Lady Davis Institute to attract more funding per researcher than any other hospital-affiliated research institution in Quebec.

More information is available at [jgh.ca/en/home](http://jgh.ca/en/home).

**St. Mary's Hospital Center** (Montreal West Island Integrated University Health and Social Services Centre/*Centre intégré universitaire de santé et services Sociaux (CIUSSS) de l'Ouest-de-l'Île-de-Montréal*)

3830 Lacombe Avenue  
Montreal QC H3T 1M5  
Telephone: 514-345-3511  
Website: [smhc.qc.ca](http://smhc.qc.ca)

St. Mary's Hospital Center (SMHC) is an acute-care specialized McGill University affiliated teaching hospital with 271 adult beds. Its official designation as a university affiliated teaching hospital or a CHAU (*Centre hospitalier affilié universitaire*) further reinforces its commitment and ability to deliver high quality health care while playing a leading role in the areas of teaching and research. It is responsible for the training of a large cohort of undergraduate and post-graduate students in Medicine and the allied health disciplines.

Over 4,300 babies are delivered annually at St. Mary's, which is the first hospital in Montreal to have received the World Health Organization's (WHO) international recognition of Baby Friendly Hospital Status by the Quebec ministry of health. There is a progressive and active Family Medicine Centre recognized for its teaching. The Hospital also provides numerous highly specialized services such as renal dialysis, oncology, geriatric assessment, and psycho-geriatric, nuclear medicine, C.T. scanning services, as well as MRI exams. There are more than 120,000 out-patient clinic visits, 10,000 procedures through the surgical day centre, and over 11,000 patient admissions, in addition to ambulatory care visits, annually.

The Hospital is noted for its devotion to patients, motivation toward the achievement of excellence, and compassionate care. The laboratory department is the only hospital lab in the province currently certified by the College of American Pathologists since 1995. SMHC is also proud to be Canada's first hospital facility to receive the EcoLogo Program's Environmental Stewardship Award, presented to organizations in recognition of their environmentally friendly actions.

Visit the St. Mary's Hospital Center website at [smhc.qc.ca](http://smhc.qc.ca) to learn more.

**Douglas Mental Health University Institute** (Montreal West Island Integrated University Health and Social Services Centre/*Centre intégré universitaire de santé et services Sociaux (CIUSSS) de l'Ouest-de-l'Île-de-Montréal*)

6875 LaSalle Boulevard  
Montreal QC H4H 1R3  
Telephone: 514-761-6131  
Website: [douglas.qc.ca](http://douglas.qc.ca)

Founded in 1881, the Douglas Mental Health University Institute has a triple mission of care, research, and teaching. A member of the McGill Integrated University Health Network (RUIS McGill) and affiliated with the World Health Organization, it offers hospitalization and extensive out-patient ultraspecialized services.

The Hospital provides child and adolescent, adult, and geriatric clinical services, and is dedicated to treating patients in the least restrictive manner possible, with a major focus on rehabilitation and successful reintegration into the community. It offers training for residents in psychiatry, as well as for medical and paramedical students from a wide range of disciplines.

The Douglas Institute is one of the largest research centres in mental health in the country, with a team of over 70 scientists and clinical researchers and around 200 university students. This team is devoted to making better sense of the causes of mental disorders—whether genetic, environmental, cultural, or social—as well as developing diagnostic tools, treatments and prevention methods. Also, the Douglas Institute Research Centre is home to McGill University centres in schizophrenia, aging, and suicide, as well as the Montreal Pan American Health Organization/World Health Organization Collaborating Centre for Reference and Training in Mental Health, which offers consultation services, research, and teaching programs here and abroad.

More information is available at [douglas.qc.ca](http://douglas.qc.ca).

#### 5.5.2.2 Institutions Affiliated with McGill University

In addition to the Teaching Hospitals listed above, the following institutions are also affiliated with McGill University and have been approved by, and have contracted with, McGill University for participation in teaching and research in one or more departments and services:

**CSSS de Gatineau** (*CISSS de l'Outaouais*)

777 boulevard de la Gappe, Gatineau QC J8T 8R2

[ciyss-outaouais.gouv.qc.ca](http://ciyss-outaouais.gouv.qc.ca)

**CSSS de la Montagne** (*CIUSSS du Centre-Ouest-de-l'Île-de-Montréal*)

5700 Côte-des-Neiges Road, Montreal QC H3T 2A8

[ciuss-centreouestmtl.gouv.qc.ca](http://ciuss-centreouestmtl.gouv.qc.ca)

**CSSS Cavendish** (*CIUSSS du Centre-Ouest-de-l'Île-de-Montréal*)

5425 Bessborough Avenue, Montreal QC H4V 2S7

[cssscavendish.qc.ca](http://cssscavendish.qc.ca)

**Jewish Rehabilitation Hospital** (*CISSS de Laval*)

3205 Place Alton Goldbloom, Laval QC H7V 1R2

[hjr-jrh.qc.ca](http://hjr-jrh.qc.ca)

**Constance-Lethbridge Rehabilitation Centre** (*CIUSSS du Centre-Ouest-de-l'Île-de-Montréal*)

7005 de Maisonneuve Boulevard West, Montreal QC H4B 1T3

[constance-lethbridge.qc.ca](http://constance-lethbridge.qc.ca)

**MAB-Mackay Rehabilitation Centre** (*CIUSSS du Centre-Ouest-de-l'Île-de-Montréal*)

7000 Sherbrooke Street West, Montreal QC H4B 1R3

[mabmackay.ca](http://mabmackay.ca)

**Maimonides Geriatric Centre** (*CIUSSS du Centre-Ouest-de-l'Île-de-Montréal*)

5795 Caldwell Avenue, Montreal QC H4W 1W3

[donaldbermanmimonides.net](http://donaldbermanmimonides.net)

**Shriners Hospitals For Children**

1003 Décarie Boulevard, Montreal QC H4A 0A9

[shrinershospitalsforchildren.org/montreal](http://shrinershospitalsforchildren.org/montreal)

#### 5.5.3 Clinical Facilities for Dentistry

**The McGill University Undergraduate Teaching Dental Clinic, previously located in the Montreal General Hospital, is now located at:**

Place Mercantile

2001 McGill College Avenue, Suite 500

Montreal QC H3A 1G1

Canada

Telephone: 514-398-7203

Fax: 514-398-8900

Website: [www.mcgill.ca/dentistry](http://www.mcgill.ca/dentistry)

At the Clinic, students in the undergraduate program are taught under the guidance of the dental staff to carry out various phases of clinical dentistry and related laboratory procedures. They attend this clinic daily except for such time as may be taken up by lectures or other University work.

#### 5.5.4 Facilities for Human Nutrition

**The Mary Emily Clinical Nutritional Research Unit** is located on 7 Maple Street in Sainte-Anne-de-Bellevue.

The Unit was developed in 1995 with the objective to create a facility dedicated to in-patient human nutrition experimentation using precisely controlled diets. The Unit is housed in a detached 5,000 sq. ft. building located at the perimeter of the Macdonald Campus with easy access to the community at large.

This Unit is capable of supporting 12 research subjects on an in-patient basis. The facility is unique in Canada, in that it allows strict, in-house monitoring and testing of research subjects over prolonged periods while they consume diets prepared in-house. The first floor houses a state-of-the-art metabolic kitchen to prepare foods in a controlled manner, including a sitting area for meal consumption. The second floor houses an interview room to provide for attainment of written ethical consent/assent. A research/clinical assessment room is dedicated to procedures that include blood sampling by a phlebotomy team or clinical staff in adults, infants, and children.

The Unit is a self-supporting initiative which is available for use by external researchers. For further information regarding collaborative or independent extramural research interests, contact the Director of the *School of Human Nutrition*.

### 5.5.5 Research Centres

- [section 5.5.5.1: Alan Edwards Centre for Research on Pain](#)
- [section 5.5.5.2: Artificial Cells and Organs Research Centre](#)
- [section 5.5.5.3: Biomedical Ethics Unit](#)
- [section 5.5.5.4: Centre for Bone and Periodontal Research](#)
- [section 5.5.5.5: Centre for Medical Education](#)
- [section 5.5.5.6: Centre for Research on Brain, Language and Music](#)
- [section 5.5.5.7: Centre for Research in Reproduction and Development](#)
- [section 5.5.5.8: Centre for Translational Research in Cancer](#)
- [section 5.5.5.9: Ludmer Centre for Neuroinformatics & Mental Health](#)
- [section 5.5.5.10: McGill AIDS Centre](#)
- [section 5.5.5.11: McGill Centre for Research in Neuroscience](#)
- [section 5.5.5.12: McGill International TB Centre](#)
- [section 5.5.5.13: McGill University Research Centre for Studies in Aging](#)
- [section 5.5.5.14: Rosalind and Morris Goodman Cancer Research Centre](#)

#### 5.5.5.1 Alan Edwards Centre for Research on Pain

Genome Building, Suite 3100  
740 Doctor Penfield Avenue  
Montreal QC H3A 0G1  
Telephone: 514-398-8975  
Fax: 514-398-8121  
Website: [painresearchcenter.mcgill.ca](http://painresearchcenter.mcgill.ca)

Pain research at McGill University is carried out by The Alan Edwards Centre for Research on Pain, which comprises researchers from the Faculties of Medicine, Dentistry and Science. The main goal of the Centre is to bring together the McGill community of basic and clinical pain researchers to promote research that will result in cures for chronic pain. Through its own activities and international collaborations, the Centre focuses on new discoveries and their clinical applications that will improve the prevention and treatment of chronic pain.

#### 5.5.5.2 Artificial Cells and Organs Research Centre

McIntyre Medical Sciences Building, Room 1004  
3655 Promenade Sir-William-Osler  
Montreal QC H3G 1Y6  
Telephone: 514-398-3512  
Fax: 514-398-7452  
Website: [www.medicine.mcgill.ca/artcell](http://www.medicine.mcgill.ca/artcell)

This Centre concentrates on interdisciplinary research on artificial cells first invented here (Chang, McGill, 1957, *Science* 1964) and since evolved into micro-nano systems; nanomedicine; nanobiotherapeutics; nanobiotechnology; nanotechnology; blood substitutes based on nanobiotechnology; hemoperfusion; bioencapsulation of enzymes, cells, stem cells, probiotics; regenerative medicine; delivery systems for drug, enzymes, genes, etc.

At present, the members of this centre at McGill come from different specialties: Physiology, Biomedical Engineering, Medicine, Surgery, Bioengineering, Biotechnology, and Chemical Engineering. This is an international centre with 2 international societies, which coordinates biannual meetings around the world; see [www.medicine.mcgill.ca/artcell/centrechart.pdf](http://www.medicine.mcgill.ca/artcell/centrechart.pdf). It is the editor-in-chief's office for an international journal on Artificial Cells, Nanomedicine, and Biotechnology (2017 Reuter World Ranking of 4th among 77 biomedical engineering journals) and a book series on Regenerative Medicine, Artificial Cells, and Nanomedicine. This [centre's website](#) is a public service website with complimentary reviews, papers, videos, and monographs. It is the major international reference source in this area.

### 5.5.5.3 Biomedical Ethics Unit

3647 Peel Street  
Montreal QC H3A 1X1  
Telephone: 514-398-6668  
Website: [www.mcgill.ca/biomedicaethicsunit](http://www.mcgill.ca/biomedicaethicsunit)

The Biomedical Ethics Unit (BEU) offers graduate courses in bioethics. These include electives for medical students, in-hospital courses, lectures, and rounds for residents and other health care workers. The BEU also administers the Master's specialization in Bioethics, which is available to students in the Faculties of Medicine, Law, Religious Studies, and the Department of Philosophy. The program emphasizes the conceptual and practical aspects of bioethics and ordinarily takes two years to complete. Current faculty members have training in philosophy, medicine, history, anthropology, sociology, epidemiology, and molecular biology. The BEU faculty and trainees are active in a variety of interdisciplinary research areas and have expertise in clinical trial methods, research ethics, genetics, reproductive technologies, access to care, public health ethics, health inequalities, biosecurity, anti-aging research, end-of-life care policies, and pharmaceutical development. We also provide in-hospital clinical ethics consultation services and serve on various Clinical and Research Ethics Committees for the McGill teaching and affiliated hospitals.

BEU members and research associates actively collaborate with faculty across McGill, as well as nationally and internationally in research, teaching, and clinical activities. There are currently five faculty members plus affiliate members, postdoctoral fellows, and graduate students.

### 5.5.5.4 Centre for Bone and Periodontal Research

740 Doctor Penfield Avenue, Room 2207  
Montreal QC H3A 0G1  
Telephone: 514-398-6028  
Fax: 514-933-8784  
Website: [bone.mcgill.ca](http://bone.mcgill.ca)

The Centre for Bone and Periodontal Research was established in October 2001 to promote and facilitate research and training in the areas of bone, cartilage and periodontal disease. The Bone Centre currently represents the interests of more than 60 clinical and fundamental scientists, many of whom are recognized leaders in research pertaining to disorders such as arthritis, osteoporosis, metastatic and metabolic bone disease, and developmental disorders of the skeleton and oral cavity.

The Centre provides advanced instrumentation for hard tissue research, acts to increase the research capacity of its members and to translate advances into improved diagnosis, prevention and treatment of diseases involving the skeleton and oral cavity.

### 5.5.5.5 Centre for Medical Education

Lady Meredith House  
1110 Pine Avenue West, Room 205  
Montreal QC H3A 1A3  
Telephone: 514-398-4987  
Fax: 514-398-7246  
Website: [www.mcgill.ca/centreformeded](http://www.mcgill.ca/centreformeded)

The Centre for Medical Education promotes excellence and scholarship across the continuum of health sciences education. More specifically, the Centre for Medical Education at McGill:

- Encourages innovation and excellence in teaching and learning.
- Serves as a resource for curriculum development in undergraduate, postgraduate, and continuing health sciences education.
- Stimulates interest in educational research and development.
- Conducts research and scholarly work in health sciences education.
- Ensures that research advances the field of health sciences education and informs educational practice.

The Members of the Centre for Medical Education represent diverse backgrounds and disciplines and are involved in:

- Educational planning, curriculum design, and program evaluation.
- Faculty development and educational consultations.
- Research in health professions education.
- Dissemination of educational innovations and research findings.
- Mentorship of students, residents, fellows, and colleagues.

The Centre for Medical Education offers a variety of educational opportunities to students, residents, and faculty. Of interest to medical students is the Medical Education Electives Program, which is a one-month elective for those considering a career in teaching or academic medicine. For more information, visit: [www.mcgill.ca/centreformeded/educational-opportunities/medical-education-electives](http://www.mcgill.ca/centreformeded/educational-opportunities/medical-education-electives) or contact Dr. Michelle Elizov, Director of the Electives Program.

### 5.5.5.6 Centre for Research on Brain, Language and Music

3640 rue de la Montagne  
 Montreal QC H3G 2A8  
 Telephone: 514-398-6962  
 Fax: 514-398-8123  
 Website: [crblm.ca](http://crblm.ca)

The Centre for Research on Brain, Language and Music (CRBLM) at McGill University is a *Regroupement Stratégique* whose mission is to promote research and training in the areas of language and music neuroscience, performance, and development. Participating universities include McGill, *Université de Montréal*, UQAM, and Concordia. Our infrastructure for language and music research is unparalleled, including research facilities located in the McGill Faculties of Medicine, Science, Arts, and Education, as well as the International Laboratory for Brain and Music Research (BRAMS) located at the *Université de Montréal*. Our specific objectives include:

1. promoting the scientific study of language and music neuroscience, performance, and development;
2. stimulating interdisciplinary and cross-domain collaboration among researchers on basic and applied problems in language and music;
3. fostering innovative research training for graduate and postdoctoral students;
4. disseminating research findings to clinical and educational end-users;
5. forming national and international partnerships.

Our goal is to develop a fundamental theoretical, behavioral, and neuroscientific understanding of the neurobiological, social, and communicative processes of language and music.

### 5.5.5.7 Centre for Research in Reproduction and Development

McIntyre Medical Sciences Building, Room 1324  
 3655 Promenade Sir-William-Osler  
 Montreal QC H3G 1Y6  
 Telephone: 514-207-9887  
 Fax: 514-398-2045  
 Website: [www.mcgill.ca/crrd](http://www.mcgill.ca/crrd)

The Centre for Research in Reproduction and Development (CRRD), originally established as the Centre for the Study of Reproduction in 1982, is among the longest-standing research centres at McGill and was a founding partner of the FQRNT-funded *Réseau Québécois en Reproduction* (RQR). Today, the interdepartmental and interdisciplinary CRRD is home to more than 30 principal investigators, 60 graduate students, 40 fellows and research associates, and 20 technical support staff from 11 departments, 3 faculties, and 8 divisions at the University. With such critical mass, the CRRD has established itself as one of the most productive and dynamic research hubs for young and established researchers committed to the science of reproduction and development.

The research programs of our members span a wide range of diverse and complementary topics, including understanding the basic biological mechanisms that control developing eggs and sperm within the gonads, how the reproductive hormones are produced and exert their effects, how the developing embryo implants into the uterus and establishes communication with its mother, causes and cures for conditions such as pre-eclampsia and intra-uterine growth retardation, and the effects of environmental pollutants and disease on the development of the eggs and sperm and of the fetus. We use both animal model systems and human clinical studies to reach our research objectives.

The CRRD enables and promotes interactions between investigators at McGill, other universities in Quebec, across Canada, and internationally.

### 5.5.5.8 Centre for Translational Research in Cancer

Lady Davis Institute for Medical Research  
 Jewish General Hospital  
 3755 Côte Ste-Catherine  
 Montreal QC H3T 1E2  
 Telephone: 514-340-8222 ext. 28873  
 Website: [www.mcgill.ca/translational-research-cancer](http://www.mcgill.ca/translational-research-cancer)

The aim of the Centre is to facilitate the translation of the exciting novel findings made in fundamental laboratories into testable hypotheses for evaluation in clinical trials in oncology. There are currently extremely high quality clinical research activities at McGill, and the fundamental investigations of cancer biology by McGill scientists are recognized worldwide. The Centre provides the infrastructure to bring these investigators together in order to synergize their efforts at generating novel and promising translational research. This provides a structured focus for these activities and will accelerate the testing of potential benefits derived from scientific discovery.

The Centre provides core functions to enhance translational research, including a Molecular Pathology Centre with a centralized biobank, a Clinical Research Unit with extensive experience in novel therapeutics testing, a Proteomics Facility with a proteogenomics platform, and a Molecular Modeling Program. The unique interaction of clinician-scientists and Ph.D. researchers provides an important strength to novel therapeutic development programs. There is significant interaction with biotechnology and the pharmaceutical industry.

The Centre provides a high quality environment for training clinician-scientists in cancer research. The trainees include both graduate students (Experimental Medicine, Pharmacology and Therapeutics, Pathology) as well as Ph.D. and M.D. scientists interested in postdoctoral experience working specifically on clinically oriented or relevant models or problems.

#### 5.5.5.9 Ludmer Centre for Neuroinformatics & Mental Health

Email: [info@ludmercentre.ca](mailto:info@ludmercentre.ca)

Website: [ludmercentre.ca](http://ludmercentre.ca)

The Ludmer Centre for Neuroinformatics & Mental Health was founded on the belief that science is on the cusp of a revolution in our ability to understand and treat brain disorders, provided we can bring together the right computational infrastructure, datasets, and expertise to apply a big-data approach to brain research.

An innovative partnership between three cutting-edge McGill-affiliated research facilities, the Centre brings together four complementary research pillars—neuroinformatics, neuroimaging, epigenetics, and statistical genetics—under the scientific leadership of three world-renowned leaders supported by a cadre of over 75 researchers and neuroinformatics staff. Together, they lead innovative research that is generating novel datasets and insights, while concurrently innovating and expanding the "big-data" tools and computational infrastructure required for their analysis.

- Dr. Michael Meaney leads the Centre's epigenetics pillar, the Sackler Program for Epigenetics & Psychobiology at the Douglas Mental Health University Institute Research Centre.
- Dr. Alan Evans leads the neuroimaging and neuroinformatics pillars, the McGill Centre for Integrative Neuroscience (MCIN) at the Montreal Neurological Institute.
- Dr. Celia Greenwood leads the statistical genetics pillar, the Genomics, Bioinformatics & Statistical Genetics lab at the Lady Davis Institute for Medical Research at the Jewish General Hospital.

A key Ludmer Centre goal is the mentorship of new researchers across varied disciplines—to develop transdisciplinary research cadres capable of maximizing the potentials inherent in the Centre's neuroinformatics infrastructure, tools, and datasets. Supported by a team of informatics experts, graduate, master's, and doctoral students are offered unique hands-on opportunities to advance mental health and neurodegenerative research while contributing to the expansion of Canada's leading neuroinformatics infrastructure.

To learn more, [contact us](#) to join our mailing list.

#### 5.5.5.10 McGill AIDS Centre

Based at the Lady Davis Institute for Medical Research at the Jewish General Hospital

3755 Côte Ste-Catherine, Room F-318

Montreal QC H3T 1E2

Telephone: 514-340-7536

Fax: 514-340-7537

Website: [www.ladydavis.ca/en/mcgillaidscentre](http://www.ladydavis.ca/en/mcgillaidscentre)

The McGill AIDS Centre was founded at the Lady Davis Institute, Jewish General Hospital, to coordinate, facilitate, and promote teaching, research, and treatment activities relating to HIV infection and AIDS. It has made McGill University one of the preeminent institutions of its kind in Canada. Led by founding director, Dr. Mark A. Wainberg, the McGill AIDS Centre has made significant contributions since the outbreak of the AIDS pandemic in 1981, helping to transform HIV from a deadly infection to a manageable chronic disease.

The Centre believes in a multidisciplinary approach, and has been the home of a large group of talented McGill researchers who have been working on HIV from diverse aspects with the goal of furthering prevention and treatment options. We are proud of the many groundbreaking discoveries that we have made in understanding the basic biology of HIV infection, elucidating host immune responses to control HIV infection, discovering the transmission of drug-resistant HIV in human populations, and characterizing the development of drug resistance to HIV, to name just a few examples of the initiatives that have earned the McGill AIDS Centre a national and international reputation. In particular, Dr. Wainberg became an icon in the International AIDS Society (IAS). As President of the IAS from 1998 to 2000, he was responsible for holding the 2000 IAS meeting in Durban, South Africa, a milestone event in the international fight against AIDS. He chaired the 2006 IAS meeting in Toronto. Dr. Wainberg's lab discovered the anti-HIV-1 activity of 3TC in the early 1990s and, recently, demonstrated the superior anti-HIV-1 activity of Dolutegravir. Both of these drugs are now used in first line antiretroviral regimens.

McGill AIDS Centre scientists have played an important role in developing countries where HIV is endemic, collaborating with local scientists and health authorities to help stave off the spread of the infection. Our scientists have played lead roles in articulating a need for access to antiretroviral drugs for all in need, regardless of where they live or their ability to pay.

Over the past three decades, the McGill AIDS Centre has built a strong team of excellent researchers and clinicians who have broad expertise in basic virology, immunology, drug discovery, epidemiology, population studies, and clinical research. Based at the Lady Davis Institute are the level 3 biocontainment facility, genotyping platform and other state-of-the-art research equipment that can be readily employed to study other emerging and re-emerging pathogenic human viruses.

Educational and training activities will be augmented to ensure there is sufficient manpower for the growing HIV epidemic. The care and treatment of persons who are infected with HIV or who have developed AIDS will be enhanced through coordination across the McGill network of hospitals and clinics. Furthermore, the Centre will provide a forum for the input and participation of patients with HIV infection or AIDS in all aspects of research, teaching, and care.



In honor of Dr. Mark Wainberg, for his dedication to HIV research, his tireless advocacy for the rights and benefits of HIV patients, and his vision to go beyond HIV to combat other important emerging pathogenic human viruses, the McGill AIDS Centre will be renamed the “Wainberg Centre for Complex and Emerging Viral Infections.” More details will follow.

#### 5.5.5.11 McGill Centre for Research in Neuroscience

Montreal General Hospital, Livingston Hall, L7 128  
 Research Institute of the McGill University Health Centre  
 1650 Cedar Avenue  
 Montreal QC H3G 1A4  
 Telephone: 514-934-8094  
 Fax: 514-934-8216  
 Website: [www.mcgill.ca/crn](http://www.mcgill.ca/crn)

The McGill Centre for Research in Neuroscience (CRN), which was officially established as a University Centre in 1986 under the leadership of Dr. Albert Aguayo, is a vibrant research centre that brings together basic and clinical scientists in highly interactive research groups.

With construction of new CRN laboratories in 1993 and continued expansion since, the group has broadened its focus to include research into the development of neural tissues, synapse formation and plasticity, the assembly and function of neural circuits, and behavior, while maintaining its strengths in regeneration and repair.

The CRN has been and remains home to some of Canada’s most distinguished neuroscientists. We number more than 60 trainees and staff at any time, including postdoctoral researchers, graduate students, undergraduates, and technicians. The CRN offers a program to train pre-doctoral students for an M.Sc. or Ph.D. degree, as well as postdoctoral Ph.D. or M.D. graduates for careers in biomedical research.

#### 5.5.5.12 McGill International TB Centre

Research Institute of the McGill University Health Centre  
 1001 boulevard Décarie, Glen Block E  
 Program Mail Drop EM3 3211  
 Montreal QC H4A 3J1  
 Telephone: 514-934-1934, ext. 42815  
 Website: [www.mcgill.ca/tb](http://www.mcgill.ca/tb)

The McGill International TB Centre brings together over 20 investigators with expertise spanning epidemiology, socio-behavioural, and economic analyses of TB, to microbiology to host genetics and immune response. The work is done both at an academic centre and with a number of collaborating groups around the world. Please consult [www.mcgill.ca/tb](http://www.mcgill.ca/tb) where we introduce the faculty members who are members of our centre and describe our training programs for students. Find out why our Centre is a world leader in the interdisciplinary study of TB and how we work together to unravel the many mysteries of this recalcitrant disease.

#### 5.5.5.13 McGill University Research Centre for Studies in Aging

6825 boulevard LaSalle  
 Verdun QC H4H 1R3  
 Telephone: 514-766-2010  
 Website: [aging.mcgill.ca](http://aging.mcgill.ca)

The McGill University Research Centre for Studies in Aging (MCSA) is committed to investigating causes and possible treatments of the dementias, especially Alzheimer’s disease. During the past decades, the MCSA has played a pioneering role in identifying genetic abnormalities leading to an increased risk for Alzheimer’s disease. The Memory Clinic of the Alzheimer’s Disease Research Unit, under the leadership of Dr. Serge Gauthier, is focusing on improved therapies, long-term treatment of subjects affected by dementia, and enhancing the quality of life of patients and caregivers. Over the last 30 years the priority of the MCSA evolved to primary prevention of cognitive decline, early diagnosis, and treatment for persons with mild or prodromal symptoms, and best treatments for patients with various types of dementia. The importance of genes such as ApoE as risk factors and as predictors of response to treatment in Alzheimer’s disease was one of the significant contributions of the MCSA to the field of aging. Another achievement of the MCSA is the strong link with academic research centres around the world, including Brazil, China, and Germany, which is reflected by a steady flow of students and visiting scholars from these countries among others.

In Canada, the MCSA created the academic trial network C5R and has hosted consensus meetings on the best evidence-based approach to the diagnosis and management of various types of dementia. The current focus of the MCSA is on prevention, and the development of tools and methods to allow earliest diagnosis and intervention of age-related disease. Prevention has been identified as an important objective in dementia research by national and international institutes (Alzheimer Society of Canada, National Institute of Aging USA) and is a priority of McGill University over the next decade. The MCSA contributes to this effort with its Dementia Prevention Program that was launched in 2012, entitled “Prevention of Neurodegenerative Disease in Everyone at Risk” (P.O.N.D.E.R.). This program, in close cooperation with the Douglas Institute and other research centres in Quebec, was established with three goals: (a) provide a free platform for adults aged 40–90 to engage in cognitive training; (b) determine normative cognitive performance in middle-to-old adulthood, and (c) identify persons showing early signs of cognitive impairment that are at risk of developing late-onset dementia. This will allow the tracking and documentation of changes in the structural and functional integrity of the human brain in normal and pathological aging, while providing researchers with important data about possible predictors of dementia. Presently, the P.O.N.D.E.R. software is being upgraded.

The MCSA has established a computational infrastructure devoted for teaching neuroimaging in dementia for fellows, graduate, and postdoctoral students. This infrastructure program is under the direction of Dr. Pedro Rosa-Neto, M.D., Ph.D. The Translational Neuroimaging Laboratory at the MCSA aims to understand how toxic proteins cause brain damage in Alzheimer's disease patients. We also develop novel methodologies for early detection of these toxic proteins in the persons without symptoms (see the [Translational Neuroimaging Laboratory website](#)). Research in the field of neuroimaging has been focusing on the early detection of dementia, and AD prevention. Our clinic collaborates with other experts at McGill University using the most advanced and sensitive Magnetic Resonance Imaging (MRI) and Positron Emission Tomography (PET) protocols to evaluate patients with mild cognitive complaints. The PET and MRI technologies, combined with our clinical expertise, allow for early diagnosis and appropriate treatment of the condition causing memory deficits.

Recent research advancements: Scientific Software Engineer of MCSA, Sulantha Mathotaarachchi, develops artificial intelligence models to predict the progression of dementia using various biomarker measurements, such as MRI, PET, CSF and neuropsychological assessments: Article "Identifying incipient dementia individuals using machine learning and amyloid imaging," by S. Mathotaarachchi supervised by MCSA Director, Dr. Pedro Rosa-Neto and Dr. Serge Gauthier. Their findings appear in a new study published in the journal [Neurobiology of Aging](#). This research was funded by the Canadian Consortium on Neurodegeneration in Aging (CCNA) and the Canadian Institutes of Health Research (CIHR). The above research findings were announced in high impact international press such as: Newsweek (USA), NBC News, McGill Reporter, and Le Devoir.

#### 5.5.5.14 Rosalind and Morris Goodman Cancer Research Centre

1160 Pine Avenue West  
Montreal QC H3A 1A3  
Telephone: 514-398-3535  
Fax: 514-398-6769  
Website: [www.mcgillgerc.com](http://www.mcgillgerc.com)

The mission of the Rosalind and Morris Goodman Cancer Research Centre is to bring together internationally renowned scientists who are devoted to cancer research and provide them with state-of-the-art resources so that they can fully contribute to the worldwide effort of developing novel approaches for the improvement of the diagnosis, treatment, and management of this disease. Investigators within the Cancer Centre have made significant contributions toward the molecular understanding of diseases such as cancer which can be exploited to better stratify cancer and facilitate the development of novel therapeutic approaches.

The Goodman Cancer Research Centre provides an internationally recognized training ground for the next generation of investigators who will pursue research in the life sciences and cancer. The Centre plays a key role in reaching out and educating the public on the fundamentals of cancer research and understanding the causes of cancer, its prognosis, and its treatment.

Further information is available at [section 6.28: Rosalind and Morris Goodman Cancer Research Centre](#).

### 5.5.6 Libraries

Access to all of the McGill University Library branches and to the Library's licensed electronic resources is available to all McGill faculty, staff, and students. Information on locations, opening hours, collections, and services can be found at [www.mcgill.ca/library](http://www.mcgill.ca/library). Several of the library branches are likely to be of particular interest to health sciences users.

#### Schulich Library of Physical Sciences, Life Sciences, and Engineering

The Schulich Library supports the teaching, learning, and research of the staff and students of the Faculties of Dentistry, Engineering, Medicine, and Science. Life Sciences liaison librarians have their offices in the Schulich Library and are available for consultation. The Library's hours vary throughout the year and are available on the website noted above or by telephoning 514-398-4769. Faculty members and graduate students in the departments served by the Schulich Library may apply to obtain access to the Library after closing hours.

Macdonald-Stewart Library Building  
809 Sherbrooke Street West  
Montreal QC H3A 0C1  
Website: [www.mcgill.ca/library/branches/schulich](http://www.mcgill.ca/library/branches/schulich)

#### Osler Library of the History of Medicine

The Osler Library of the History of Medicine has as its nucleus the 8,000 volumes willed to McGill University in 1919 by Sir William Osler (one of its most famous pupils and teachers). The collection now totals over 90,000 volumes including older, rare materials as well as current books and periodicals about the history of the health sciences and related areas. Loans services, such as ILL pick-up and some life sciences course reserves are available from the Osler Library.

McIntyre Medical Sciences Building  
3rd floor - 3655 Promenade Sir-William-Osler  
Montreal QC H3G 1Y6  
Website: [www.mcgill.ca/library/branches/osler](http://www.mcgill.ca/library/branches/osler)

#### Macdonald Campus Library

The Macdonald Campus Library, located in the Barton Building, is a primary resource for Dietetics and Human Nutrition users. The Library's collection encompasses a wide variety of resources in agriculture, food and animal science, nutrition, the environment, ecology, plant science, and agricultural engineering. The Library's hours vary throughout the year and are available on the website noted above or by telephoning 514-398-7881.



Barton Building  
 21,111 Lakeshore Road  
 Ste. Anne de Bellevue QC H9X 3V9  
 Website: [www.mcgill.ca/library/branches/macdonald](http://www.mcgill.ca/library/branches/macdonald)

## 6 Academic Units in the Faculty of Medicine

For a full list of departments, schools, institutes, centres, and units in the faculty of Medicine, please refer to [www.mcgill.ca/medicine/departments-schools](http://www.mcgill.ca/medicine/departments-schools).

- *section 6.1: Anatomy and Cell Biology*
- *section 6.2: Anesthesia*
- *section 6.3: Artificial Cells and Organs Research Centre*
- *section 6.4: Biochemistry*
- *section 6.5: Biomedical Engineering*
- *section 6.6: Biomedical Ethics*
- *section 6.7: Communication Sciences and Disorders*
- *section 6.8: Dermatology*
- *section 6.9: Diagnostic Radiology*
- *section 6.10: Emergency Medicine*
- *section 6.11: Epidemiology, Biostatistics, and Occupational Health*
- *section 6.12: Family Medicine*
- *section 6.13: Geriatric Medicine*
- *section 6.14: Human Genetics*
- *section 6.15: Medical Physics*
- *section 6.16: Medicine*
- *section 6.17: Microbiology and Immunology*
- *section 6.18: Neurology and Neurosurgery*
- *Nursing, Ingram School of*
- *section 6.19: Obstetrics and Gynecology*
- *section 6.20: Oncology*
- *section 6.21: Ophthalmology*
- *section 6.22: Otolaryngology – Head and Neck Surgery*
- *section 6.23: Pathology*
- *section 6.24: Pediatrics*
- *section 6.25: Pharmacology and Therapeutics*
- *Physical and Occupational Therapy, School of*
- *section 6.26: Physiology*
- *section 6.27: Psychiatry*
- *section 6.28: Rosalind and Morris Goodman Cancer Research Centre*
- *section 6.29: Social Studies of Medicine*
- *section 6.30: Surgery*

### 6.1 Anatomy and Cell Biology

#### 6.1.1 Location

Strathcona Anatomy and Dentistry Building  
 3640 University Street, Room M-28  
 Montreal QC H3A 0C7

Telephone: 514-398-6350

Website: [www.mcgill.ca/anatomy](http://www.mcgill.ca/anatomy)

### 6.1.2 Core Courses

This Department contributes to the multidisciplinary curriculum of Fundamentals of Medicine and Dentistry (FMD) and Clerkship components of the M.D.,C.M. program.

### 6.1.3 Putting It All Together: Basic Science, Medicine, and Society (Anatomy for Surgeons – Basic and Translational Science Selective)

A selective of practical anatomy, seminar presentations and clinical anatomical conferences is given during Senior Clerkship Component which supplements the knowledge of human anatomy obtained in the core program. It is especially designed to provide the anatomical basis for surgical practice.

### 6.1.4 Other Courses

The Department offers a range of courses leading to the Liberal Program/Major/Honours B.Sc. in Cell Biology and is well-equipped for graduate research leading to M.Sc. and Ph.D. degrees. See the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section and the Faculty of Science's [Undergraduate](#) section.

### 6.1.5 Anatomy and Cell Biology Faculty

#### Chair

Craig Mandato

#### Emeritus Professors

Gary C. Bennett; B.A., B.Sc.(Sir G. Wms.), M.Sc., Ph.D.(McG.)

John J.M. Bergeron; B.Sc.(McG.), D.Phil.(Oxf.)

James R. Brawer; B.Sc.(Tufts), Ph.D.(Harv.)

Louis Hermo; B.A.(Loyola), M.Sc., Ph.D.(McG.)

Sandra C. Miller; B.Sc.(Sir G. Wms.), M.Sc., Ph.D.(McG.)

Dennis G. Osmond; C.M., B.Sc., M.B., Ch.B., D.Sc.(Brist.), M.R.C.S., L.R.C.P., F.R.S.C.

Hershey Warshawsky; B.Sc.(Sir G. Wms.), M.Sc., Ph.D.(McG.)

#### Professors

Chantal Autexier; B.Sc.(C' dia), Ph.D.(McG.)

Samuel David; Ph.D.(Manit.) (*joint appt. with Neurology and Neurosurgery*)

Elaine Davis; B.Sc., M.Sc.(W. Ont.), Ph.D.(McG.)

Nathalie Lamarche-Vane; B.Sc., Ph.D.(Montr.)

Marc D. McKee; B.Sc., M.Sc., Ph.D.(McG.) (*joint appt. with Dentistry*)

Peter McPherson; B.Sc.(Manit.), Ph.D.(Iowa) (*joint appt. with Neurology and Neurosurgery*)

Carlos R. Morales; D.V.M.(U.N., Argentina), Ph.D.(McG.)

Joaquin Ortega; B.Sc.(Zaragoza), Ph.D.(Autonoma, Madrid)

Barry I. Posner; M.D.(Manit.), F.R.C.P.(C) (*joint appt. with Medicine*)

Dieter Reinhardt; M.S.(Kaiserslautern), Ph.D.(Munich) (*joint appt. with Dentistry*)

Alfredo Ribeiro-da-Silva; M.D., Ph.D.(Oporto) (*joint appt. with Pharmacology and Therapeutics*)

Wayne Sossin; S.B.(MIT), Ph.D.(Stan.) (*joint appt. with Neurology and Neurosurgery*)

Stefano Stifani; Ph.D.(Rome), Ph.D.(Alta.) (*joint appt. with Neurology and Neurosurgery*)

Hojatollah Vali; B.Sc., M.Sc., Ph.D.(Munich)

Dominique Walker; B.Sc., Ph.D.(Geneva) (*joint appt. with Psychiatry*)

**Associate Professors**

Orest W. Blaschuk; B.Sc.(Winn.), M.Sc.(Manit.), Ph.D.(Tor.) (*joint appt. with Surgery*)

Eugene Daniels; M.Sc., Ph.D.(Manit.)

Timothy Kennedy; B.Sc.(McM.), M.Phil., Ph.D.(Col.) (*joint appt. with Neurology and Neurosurgery*)

Craig Mandato; B.Sc., Ph.D.(Wat.)

Geoffroy P. Noël; Ph.D.(Br. Col.)

John F. Presley; B.A., Ph.D.(Texas)

**Assistant Professors**

Susanne Bechstedt; B.Sc.(Flor. St.), M.Sc.(Friedrich Schiller Univ.), Ph.D.(Max Planck)

Khanh Huy Bui; M.Sc.(Chalmers Univ. of Tech.), Ph.D.(ETH Zürich)

Javier Vargas; Ph.D.(UCM, Spain)

Gabriel Venne; Ph.D.(Qu.)

Nicole Ventura; Ph.D.(Qu.)

**Associate Members**

Daniel Bernard (*Pharmacology and Therapeutics*)

Claire Brown (*Physiology*)

Colin Chalk (*Neurology and Neurosurgery*)

Jean-François Cloutier (*Neurology and Neurosurgery*)

Claudio Cuello (*Pharmacology and Therapeutics*)

Giovanni DiBattista (*Medicine*)

Allen Ehrlicher (*Bioengineering*)

Alyson Fournier (*Neurology and Neurosurgery*)

Lisbet Haglund (*Surgery*)

Janet Henderson (*Medicine*)

Loydie A. Jerome-Majewska (*Pediatrics and Human Genetics*)

Svetlana Komarova (*Dentistry*)

Stephane Laporte (*Medicine*)

Andréa Leblanc (*Neurology and Neurosurgery*)

Stéphanie Lehoux (*Medicine*)

Heidi McBride (*Montreal Neurological Institute*)

Peter Metrakos (*Surgery*)

Makato Nagano (*Obstetrics and Gynecology*)

Tommy Nilsson (*Medicine*)

Christian Rocheleau (*Endocrinology and Metabolism*)

Edward S. Ruthazer (*Neurology and Neurosurgery*)

Peter Siegel (*Medicine and Biochemistry*)

Charles E. Smith; D.D.S., Ph.D.(McG.)

Thomas Stroh (*Neurology and Neurosurgery*)

Jason Tanny (*Pharmacology and Therapeutics*)

**Adjunct Professors**

Gregor Andelfinger; M.D.(Ulm)

Philippe Campeau; M.D.(Laval)

**Adjunct Professors**

Michel Cayouette; Ph.D.(Laval)

Frédéric Charron; B.Sc.(Montr.), Ph.D.(McG.)

Jean-François Côté; Ph.D.(McG.)

Daniel Cyr; B.Sc., M.Sc.(C'dia), Ph.D.(Manit.)

Jacques Drouin; B.Sc., D.Sc.(Laval)

Jennifer Estall; Ph.D.(Tor.)

Patrick Freud; B.Sc., D.C.(Parker)

Michael Greenwood; B.Sc., M.Sc.(C'dia), Ph.D.(McG.)

David Hipfner; B.Sc., Ph.D.(Qu.)

Artur Kania; Ph.D.(Baylor)

Justin Kollman; Ph.D.(Calif.-San Diego)

Stephane Lefrancois; B.Sc., Ph.D.(McG.)

Alexei Pshezhetsky; Ph.D.(Moscow St.)

Isabelle Rouiller; Ph.D.(Hertfordshire)

Michael Sacher; Ph.D.(McG.)

Elitza Tocheva; B.Sc., Ph.D.(Br. Col.)

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**6.2 Anesthesia****6.2.1 Location**

Royal Victoria Hospital – Glen Site  
1001 Décarie Boulevard, Room C05.2000  
Montreal QC H4A 3J1  
Telephone: 514-943-1934, ext. 36546  
Website: [www.mcgill.ca/anesthesia](http://www.mcgill.ca/anesthesia)

**Anaesthesia Research Unit**

McIntyre Medical Sciences Building  
3655 Promenade Sir-William-Osler, Room 1207  
Montreal QC H3G 1Y6

**6.2.2 Courses**

ANAE 301 – TCP Anesthesia

**6.2.3 Electives**

Electives are offered to students in third and fourth year. Three- and four-week rotations may include one or two hospitals and individually arranged rotations emphasizing more specific interests such as: obstetric; pediatric; or clinical research, as well as improvement of technical skills and interpretation of clinical aspects of: spinal puncture (not epidurals); venous access including central line insertion; arterial blood gas monitoring; intubation; peri-operative acute pain management; and some aspects of chronic pain. In addition, see the [Elective Program](#) for elective opportunities.

**6.2.4 Anesthesia Faculty****Chair**

T. Schricker

**Vice-Chair**

D. Chartrand

C. Goyer

**Professors**

J.F. Asenjo

S.B. Backman

K. Brown

T. Coderre (*Harold Griffith Professor of Anesthesia Research*)

F. Carli

L. Diatchenko

R. Finlayson

G. Plourde

T. Schricker

Y. Shir

D. Tran

D. Withington

**Associate Professors**

G. Baldini, F. Beique, R. Bondy, D. Bracco, D. Chartrand, F. Donatelli, M. English, P. Fiset, A. Gamsa, A. Gordon, T. Hemmerling, D. Hickey, P. Ingelmo, K. Kardash, S. Kleiman, J. Lavoie, A. Moore, C. Paquet, J. Perez, M. Tessler, M. Ware

**Assistant Professors**

S. Ah-kye, I. Amir, M. Angle, M. Badawy, C. Baldry, G. Bertolizio, C. Bozzer, N. Buu, M. Cameron, R. Carranza, G. Carvalho, R. Charghi, Y. Chtompel, T. Codère, V. Collard, A. Coté, J.F. Courval, T. Daloze, E. Delabays, H. Elshobary, R. Fisher, C. Frigon, G. Fuda, M. Germain, C. Goyer, A. Guzzo, N. Hamawy, R. Hasel, R. Hatzakorjian, S. Hoffman, I. Kaufman, R.C. Khairy, A. Khoutorsky, K. Klubien, I. Kocur, V. Koeva, G. Kovarik, V. Kudish, M. Lannes, M-L Laskine Holland, R. Lattermann, J. Létourneau, W. Li Pi Shan, M.P. Malenfant-Rancourt, M. Martel, D. Mayrand, M. McHugh, P. McMillan, C. Miron, B. Mistry, M. Moellonhoff, E. Nguyen, S. Nordstrom, S. Odeh, J-F. Olivier, A. Owen, C. Paquet, U. Pfeiffer, B. Popovec, C. Poulin-Harnois, O. Predescu, B. Qizilbash, D. Quance, F. Ramadori, H. Sato, F. Salevsky, D. Shafiepour, A. Sinha, W. Triolet, T. Valois, V. Villeneuve, P. Waters, P. Wiczorek, M. Yazer

**Lecturers**

S. Bekhor, J. Bissonnette, L. De Bellefeuille, J. Doan, L. Dumais, E. Dupont, G. Fortier, P. Hamilton, T. Hennessey, G. Huni, B. Martel, J. Tsang

**Adjunct Professors**

J. Aragon, G. Blaise, S. Charbonneau, C. Woodruff

**6.2.4.1 Anaesthesia Research Unit Faculty****Director**T. Coderre (*Harold Griffith Professor of Anaesthesia Research*)**Professors**J. Mogil (*Director, Alan Edwards Centre for Research on Pain & Chair, Canadian Institute for Health Research*)L. Diatchenko (*Canadian Chair in Human Pain Genetics, Alan Edwards Centre for Research on Pain*)

### 6.3 Artificial Cells and Organs Research Centre

#### 6.3.1 Location

McIntyre Medical Sciences Building  
3655 Promenade Sir-William-Osler, Room 1004  
Montreal QC H3G 1Y6  
Telephone: 514-398-3512  
Website: [www.medicine.mcgill.ca/artcell](http://www.medicine.mcgill.ca/artcell)

#### 6.3.2 Core Courses

The Research Centre provides an opportunity for interdisciplinary research and training in the clinical and laboratory aspects of:

- artificial cells;
- blood substitutes;
- nanobiotechnology;
- nanomedicine;
- regenerative medicine;
- artificial kidney;
- artificial blood;
- cell/stem cell therapy;
- biomaterials;
- gene therapy;
- enzyme therapy;
- drug delivery;
- hemoperfusion;
- biotechnology;
- bioengineering;
- and others.

More details can be found at [www.medicine.mcgill.ca/artcell](http://www.medicine.mcgill.ca/artcell).

#### 6.3.3 Graduate Courses

Graduate courses are offered in Physiology, Experimental Medicine, and Biomedical Engineering; see the *Faculty of Science* and *Faculty of Medicine Graduate and Postdoctoral Studies* sections for more information. Electives, summer research, graduate research, and postdoctoral research are offered.

#### 6.3.4 Artificial Cells and Organs Research Centre Faculty

##### Director

T.M.S. Chang

##### Professor

S. Prakash

##### Associate Members

P.E. Barre (*Medicine*)

R. Cacere (*Surgery*)

E. Georges (*Biotechnology*)

C. Hoesil (*Chemical Engineering*)

M. Levy (*Medicine*)

**Associate Members**

M. Kinsella (*Bioengineering*)

D. Nicolau (*Bioengineering*)

P. Ponka (*Medicine*)

D. Shum-Tim (*Surgery*)

**6.4 Biochemistry****6.4.1 Location**

McIntyre Medical Sciences Building  
3655 Promenade Sir-William-Osler, Room 905  
Montreal QC H3G 1Y6  
Telephone: 514-398-1898  
Fax: 514-398-7384  
Website: [www.mcgill.ca/biochemistry](http://www.mcgill.ca/biochemistry)

**6.4.2 Core Courses**

This Department contributes to the multidisciplinary curriculum components of Fundamentals of Medicine and Dentistry (FMD), Transition to Clinical Practice (TCP), and Clerkship components of the M.D.,C.M. program. In addition, see the [Elective Program](#) for elective opportunities.

**6.4.3 Other Courses**

The Department offers a range of courses leading to the Liberal Program/Majors/Honours B.Sc. in Biochemistry and is well-equipped for graduate research leading to the M.Sc. and Ph.D. degrees. See the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section and the Faculty of Science's [Undergraduate](#) section.

**6.4.4 Biochemistry Faculty****Chair**

Albert Berghuis

**Emeritus Professors**

Rhoda Blostein; B.Sc., M.Sc., Ph.D.(McG.), F.R.S.C.

Philip E. Branton; B.Sc., M.Sc., Ph.D.(Tor.), F.R.S.C. (*Gilman Cheney Professor of Biochemistry*)

Peter E. Braun; B.Sc., M.Sc.(Br. Col.), Ph.D.(Calif., Berk.)

Robert E. MacKenzie; B.Sc.(Agr.)(McG.), M.N.S., Ph.D.(Cornell)

Edward A. Meighen; B.Sc.(Alta.), Ph.D.(Calif., Berk.)

Walter E. Mushynski; B.Sc., Ph.D.(McG.)

Gordon C. Shore; B.Sc.(Guelph), Ph.D.(McG.)

John R. Silvius; B.Sc., Ph.D.(Alta.)

Clifford P. Stanners; B.Sc.(McM.), M.A., Ph.D.(Tor.)

Maria Zannis-Hadjopoulos; B.Sc., M.Sc., Ph.D.(McG.) (*joint appt. with Oncology and Medicine*)

**Professors**

Nicole Beauchemin; B.Sc., M.Sc., Ph.D.(Montr.) (*joint appt. with Oncology and Medicine*)

Albert Berghuis; B.Sc., M.Sc.(Rijks Univ. Groningen, The Netherlands), Ph.D.(Br. Col.)

Maxime Bouchard; B.Sc., Ph.D.(Laval)

Imed Gallouzi; Maitrise, D.E.A., Ph.D.(Montpellier, France)

**Professors**

Kalle Gehring; B.A.(Brown), M.Sc.(Mich.), Ph.D.(Calif., Berk.) (*Chercheur National du FRSQ*)

Vincent Giguère; B.Sc., Ph.D.(Laval) (*joint appt. with Oncology and Medicine*)

Philippe Gros; B.Sc., M.Sc.(Montr.), Ph.D.(McG.), F.R.S.C. (*James McGill Professor*)

Alba Guarné; B.Sc., M.Sc., Ph.D.(Barcelona)

Roderick R. McInnes; B.Sc., M.D.(Dal.), Ph.D.(McG.)

William Muller; B.Sc., Ph.D.(McG.) (*Canada Research Chair in Molecular Oncology*)

Alain Nepveu; B.Sc., M.Sc.(Montr.), Ph.D.(Sher.) (*James McGill Professor*) (*joint appt. with Oncology and Medicine*)

Morag Park; B.Sc., Ph.D.(Glas.), F.R.S.C. (*Diane and Sal Guerrero Chair in Cancer Genetics*) (*James McGill Professor*) (*joint appt. with Oncology and Medicine*)

Arnim Pause; B.Sc., M.Sc.(Konstanz), Ph.D.(McG.)

Jerry Pelletier; B.Sc., Ph.D.(McG.) (*James McGill Professor*)

Nahum Sonenberg; M.Sc., Ph.D.(Weizmann Inst.), F.R.S.C., F.R.S. (*James McGill Professor*) (*Gilman Cheney Chair in Biochemistry*)

David Y. Thomas; B.Sc.(Brist.), M.Sc., Ph.D.(Univ. College, Lond.), F.R.S.C. (*Canada Research Chair in Molecular Genetics*)

Michel L. Tremblay; B.Sc., M.Sc.(Sher.), Ph.D.(McM.), F.R.S.C. (*Jeanne and Jean-Louis Levesque Chair in Cancer Research*)

**Associate Professors**

Josée Dostie; B.Sc.(Sher.), Ph.D.(McG.) (*CIHR New Investigators Award; Chercheure-boursière du FRSQ*)

Thomas Duchaine; B.Sc., Ph.D.(Montr.) (*Chercheur-boursier du FRSQ*)

Bhushan Nagar; B.Sc., Ph.D.(Tor.)

Martin Schmeing; B.Sc.(McG.), Ph.D.(Yale) (*Canada Research Chair in Macromolecular Machines*)

Jose G. Teodoro; B.Sc.(W. Ont.), Ph.D.(McG.) (*CIHR New Investigators Award; Chercheur-boursier du FRSQ*)

Jason C. Young; B.Sc.(Tor.), Ph.D.(McM.)

**Assistant Professors**

Uri David Akavia; B.Sc., M.Sc., Ph.D.(Tel Aviv)

Maxime Denis; B.Sc., Ph.D.(Montr.)

Sidong Huang; B.A.(Boston), Ph.D.(Calif.) (*Canada Research Chair in Functional Genomics*)

Lawrence Kazak; Ph.D.(Camb.)

William Pastor; Ph.D.(Harv.)

Ian Watson; B.Sc., Ph.D.(Tor.) (*Canada Research Chair in Functional Genomics of Melanoma*)

**Associate Members**

Gary Brouhard (*Dept. of Biology*)

Robert S. Kiss (*Dept. of Medicine*)

Gergely Lukacs (*Dept. of Physiology*)

Janusz Rak (*Dept. of Medicine*)

Stéphane Richard (*Depts. of Medicine and Oncology*)

Selena M. Sagan (*Dept. of Microbiology & Immunology*)

Reza Salavati (*Inst. of Parasitology*)

Maya Saleh (*Dept. of Medicine*)

Erwin Schurr (*Ctr. for Host Resistance, MGH*)

Peter Siegel (*Goodman Cancer Ctr., Dept. of Medicine*)

Ivan Topisirovic (*Dept. of Oncology*)

Youla S. Tsantrizos (*Dept. of Chemistry*)



**Associate Members**

Bernard Turcotte (*Dept. of Medicine*)  
 Josie Ursini-Siegel (*Dept. of Oncology*)  
 Simon Wing (*Dept. of Medicine*)  
 Xiang-Jiao Yang (*Goodman Cancer Ctr., Dept. of Medicine*)

**Adjunct Professors**

Mirek Cygler (*Sask.*)  
 Jacques Drouin (*IRCM*)  
 Matthias Götte (*Alta.*)  
 Michael Hallett (*C'dia, Dept. of Biology*)  
 Enrico Purisima (*NRC/BRI*)  
 Julie St-Pierre (*Ott.*)

**6.5 Biomedical Engineering****6.5.1 Location**

Duff Medical Building  
 3775 University Street, Room 316  
 Montreal QC H3A 2B4  
 Telephone: 514-398-6736  
 Email: [info.bbme@mcgill.ca](mailto:info.bbme@mcgill.ca)  
 Website: [mcgill.ca/bbme/](http://mcgill.ca/bbme/)

**6.5.2 Electives**

The Department provides electives for medical students. For more information, see the [Elective Program](#).

**6.5.3 Graduate Courses**

The Department of Biomedical Engineering provides instruction and opportunities for interdisciplinary research in the application of engineering, mathematics, and the physical sciences to problems in medicine and the life sciences. Courses are offered for graduate students in the life sciences, and in engineering and the physical sciences leading to the Master's (M.Eng.) and Ph.D. in Biological and Biomedical Engineering.

For more information, see the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section.

**6.5.4 Biomedical Engineering Faculty****Chair**

D. Juncker

**Emeritus Professor**

T.M.S. Chang; B.Sc., M.D., C.M., Ph.D.(McG.), F.R.C.P.(C), F.R.S.(C) (*joint appt. with Physiology*)

**Professors**

D.L. Collins; B.Sc., M.Eng., Ph.D.(McG.) (*joint appt. with Neurology and Neurosurgery*)  
 H.L. Galiana; B.Eng., M.Eng., Ph.D.(McG.)  
 D. Juncker; Dipl., Ph.D.(Neuch-Switzerland)  
 R.E. Kearney; B.Eng., M.Eng., Ph.D.(McG.)  
 S. Prakash; B.Sc.(Hon.), M.Sc., M.Tech.(BHU), Ph.D.(McG.)

**Professors**

M. Tabrizian; B.Sc.(Iran), M.Sc., Ph.D.(PMC-France), M.B.A.(HEC) (*joint appt. with Dentistry*)

**Associate Professor**

W.R.J. Funnell; B.Eng., M.Eng., Ph.D.(McG.) (*joint appt. with Otolaryngology*)

**Assistant Professors**

A. Haidar; B.Sc.(Kuwait), M.Sc. A.(École Poly., Montr.), Ph.D.(McG.)

D.A. Rudko; B.Sc.(Br. Col.), M.Sc.(Vic., BC), Ph.D.(W. Ont.)

C.L. Tardif; B.Eng.(McG.), M.Sc.(Lond.), Ph.D.(McG.)

**Associate Members**

S. Baillet (*Neurology and Neurosurgery*)

C. Baker (*Ophthalmology*)

F. Barthelat (*Mechanical Engineering*)

S. Blain-Moraes (*Physical and Occupational Therapy*)

M. Chacron (*Physiology*)

M. Chakravarty (*Psychiatry*)

K. Cullen (*Physiology*)

M. Driscoll (*Mechanical Engineering*)

A. Ehrlicher (*Bioengineering*)

S. Enger (*Oncology*)

A.C. Evans; B.Sc.(Liv.), M.Sc.(Sur.), Ph.D.(Leeds) (*Neurology and Neurosurgery*)

J. Gotman (*Neurology and Neurosurgery*)

D. Guitton (*Neurology and Neurosurgery*)

A. Hendricks (*Bioengineering*)

R. Hoge (*Neurology and Neurosurgery*)

A. Kamen (*Bioengineering*)

A. Katsarkas (*Otolaryngology*)

J. Kinsella (*Bioengineering*)

S. Komarova (*Dentistry*)

A.M. Lauzon (*Medicine*)

R. Leask (*Chemical Engineering*)

I. Levesque (*Medical Physics and Oncology*)

J. Li (*Mechanical Engineering*)

N. Li-Jessen (*Communications and Science*)

B. Misic (*Neurology and Neurosurgery*)

G. Mitsis (*Bioengineering*)

L. Mongeau (*Mechanical Engineering*)

R. Mongrain (*Mechanical Engineering*)

C. Moraes (*Chemical Engineering*)

J. Near (*Psychiatry*)

D. Nicolau (*Bioengineering*)

C. Pack (*Neurology and Neurosurgery*)

D. Pasini (*Mechanical Engineering*)

**Associate Members**

W. Reisner (*Physics*)

A. Shmuel (*Neurology and Neurosurgery*)

B. Willie (*Pediatric Surgery*)

Y.B. Xia (*Bioengineering*)

**Adjunct Professors**

P.G. Charette (Sher.)

I. El Naqa (Mich.)

C. Grova (C'dia)

J.-M. Lina (ETS)

M. Mekhail (Shriners)

J.L. Nadeau (Calif. Tech.)

G.B. Pike (Calg.)

A. Reader (King's, Lond.)

T. Veres (NRC)

**6.6 Biomedical Ethics****6.6.1 Location**

3647 Peel Street, Room 103

Montreal QC H3A 1X1

Telephone: 514-398-6668

Website: [www.mcgill.ca/biomedicaethicsunit](http://www.mcgill.ca/biomedicaethicsunit)

**6.6.2 Core Courses**

The Biomedical Ethics Unit contributes to courses in Fundamentals of Medicine and Dentistry (FMD), Transition to Clinical Practice (TCP), Physicianship, and Transition to Residency components of the M.D.,C.M. program.

INDS 302 – Medical Ethics and Health Law

**6.6.3 Electives**

The Unit offers a range of electives in biomedical ethics. For details see the [Electives Program](#).

**6.6.4 Graduate Program**

Graduate students can obtain a Master's Specialization in Bioethics. In order to apply for the Specialization, students must be enrolled in the M.Sc. program in Experimental Medicine, Family Medicine, or Human Genetics, the LL.M. program in Law, or the M.A. program in Religious Studies or Philosophy.

Consult the Unit for further information, or see the Faculty of Medicine's [Graduate & Postdoctoral Studies](#) section.

**6.6.5 Biomedical Ethics Faculty****Director**

J. Kimmelman

**Associate Professors**

E. Bereza; B.A., M.D.,C.M.(McG.), C.C.FP.(C)

**Associate Professors**

C. Ellis; R.R.T.(VGH), B.A.(St. Mary's), M.A., Ph.D.(Tenn.)

J.R. Fishman; B.A.(Calif., Berk.), Ph.D.(Calif., SF)

J. Kimmelman; B.S.(Duke), Ph.D.(Yale)

N.B. King; B.A.(Penn.), M.A., Ph.D.(Harv.)

**Associate Members**

F. Carnevale (*Ingram School of Nursing*)

M. Hunt (*School of Physical & Occupational Therapy*)

Y. Joly (*Human Genetics*)

B.M. Knoppers (*Centre of Genomics and Policy*)

M.E. Macdonald (*MQHRG*)

T. Maniatis (*Bioethics*)

B. Thombs (*Psychology*)

D. Weinstock (*Institute for Health and Social Policy*)

M.H. Zawati (*Human Genetics*)

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**6.7 Communication Sciences and Disorders****6.7.1 Location**

School of Communication Sciences and Disorders

2001 McGill College Avenue, Suite 800

Montreal QC H3A 1G1

Telephone: 514-398-4137

Fax: 514-398-8123

Website: [www.mcgill.ca/scsd](http://www.mcgill.ca/scsd)

For information about the School's graduate programs, see the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section.

**6.7.2 Communication Sciences and Disorders Faculty****Director and Associate Dean**

Marc D. Pell

**Graduate Program Director**

Linda Polka

**Professors**

Shari R. Baum; B.A.(Cornell), M.S.(Vermont), M.A., Ph.D.(Brown)

Marc D. Pell; B.A.(Ott.), M.Sc., Ph.D.(McG.)

Linda Polka; B.A.(Slippery Rock), M.A.(Minn.), Ph.D.(S. Flor.)

Susan Rvachew; B.Sc.(Alta.), M.Sc., Ph.D.(Calg.)

Karsten Steinhauer; M.Sc., Ph.D.(Dr.rer.nat)(Free Univ., Berlin)

Elin Thordardottir; B.A., M.Sc., Ph.D.(Wisc.-Madison)

**Associate Professors**

Laura Gonnerman; B.A.(Boston), M.A.(Middlebury), Ph.D.(USC)

Aparna Nadig; B.A.(Reed), M.S., Ph.D.(Brown)

**Assistant Professors**

Noémie Auclair-Ouellet; B.A., M.Sc., Ph.D.(Laval)  
 Meghan Clayards; B.Sc.(Vic., BC), M.A., Ph.D.(Roch.)  
 Nicole Yee-Key Li-Jessen; B.Sc., M.Phil.(HK), Ph.D.(Pitt.)

**Assistant Professors (Professional)**

Kelly Root; B.A.(Ott.), M.Sc.(Dal.)  
 Sophie Vaillancourt; B.Sc., MOA(Montr.), M.B.A.(McG.)

**Faculty Lecturer**

Mariska Burger; B.Sc.(Heerlen)

**Assistant Professors (Part-Time)**

Christina Lattermann; Staatlich anerkannte Logopaedin(Westfaelische Wilhelms-Universität, Muenster), M.Sc.(McG.), Ph.D.(Kassel)  
 Rosalee Shenker; B.Sc.(Syrac.), M.A.(Calif. St.), Ph.D.(McG.)

**Faculty Lecturers (Part-Time)**

Anna Baudier; B.Sc.(Montr.), M.Sc.A.(McG.)  
 Liliane Brunetti; B.Sc.(C'dia), M.Cl.Sc.(W. Ont.)  
 Jesse Burns; B.A.(C'dia), M.Sc.(McG.)  
 Sarah Colby; B.A., M.A.(Ott.)  
 Ariana Fraid; B.A., M.Sc.A.(McG.)  
 Lory Harboyan; B.A., M.A.(Haigazian), M.Sc.A.(McG.)  
 Suzanne Lalonde; B.A.(Montr.), M.Sc.A.(McG.)  
 Lisa Massaro; B.A.(York), M.Sc.(McG.)  
 Maia Masuda; B.Mus., M.Sc.(McG.)  
 Gina Mills; B.Sc.(Acad.), M.Sc.(Dal.)  
 Amanda Ovardia; B.Sc., M.Sc.(McG.)

**Part-Time Professor, Post-Retirement**

Vincent Gracco; B.A., M.A.(San Diego), Ph.D.(Wisc.-Madison)

**Adjunct Professors**

Krista Byers-Heinlein (*C'dia*)  
 David McFarland (*Montr.*)  
 Lucie Menard (*UQAM*)  
 Doug Shiller (*McG.*)

**Associate Member**

Eva Kehayia (*Physical and Occupational Therapy*)  
 Luc Mongeau (*Mechanical Engineering*)  
 Debra Titone (*Psychology*)

## 6.8 Dermatology

### 6.8.1 Core Courses

This Department contributes to the multidisciplinary teaching in the M.D.,C.M. program, specifically during the Fundamentals of Medicine and Dentistry (FMD), Transition to Clinical Practice (TCP), and Clerkship components.

### 6.8.2 Electives

See the [Elective Program](#) for elective opportunities.

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## 6.9 Diagnostic Radiology

### 6.9.1 Location

Montreal General Hospital  
1650 Cedar Avenue, Room C5 118  
Montreal QC H3G 1A4  
Telephone: 514-934-8084  
Email: [radiology.residency@muhc.mcgill.ca](mailto:radiology.residency@muhc.mcgill.ca)  
Website: [www.medicine.mcgill.ca/radiology](http://www.medicine.mcgill.ca/radiology)

### 6.9.2 Core Courses

This Department contributes to the multidisciplinary curriculum components of Fundamentals of Medicine and Dentistry (FMD) and Transition to Clinical Practice (TCP) of the M.D.,C.M. program. In addition, see the [Elective Program](#) for elective opportunities.

#### 6.9.2.1 Courses

RADD 301 – TCP Radiology

### 6.9.3 Diagnostic Radiology Faculty

#### Professor and Chair

B. Gallix

#### Professors

R. del Carpio-O'Donovan

R. Lisbona

C. Reinhold

#### Associate Professors

A. Assaf

J. Chankowsky

M. Cortes

V. Derbekyan

M. Levental

C. Saint-Martin

R. Satin

D. Valenti

**Assistant Professors**

G. Abikhzer, P. Albuquerque, A. Aldis, G. Artho, G. Belley, A. Bessissow, M. Boily, L.M. Boucher, T. Cabrera, E. Camilioglu, L. Carpineta, J. Cassoff, J. Casullo, J. Chong, F. Discepolo, R. Faingold, R. Forghani, H. Guilbeault, F. Habbab, M. Hickson, R. Jaffer, E. Kao, Z. Kellow, J. Kosiuk, B. Kovacina, C Lacroix, S. Lam, H. Le, G. Linnell, A. Mandelankis, M.H. Martin, K. Muchantef, J. Novales-Diaz, M. Perillo, F. Pinel-Giroux, V. Plessier, T. Powell, S. Probst, F. Proulx, L. Rosenbloom, A. Roy, C. Rush, K. Sayegh, A. Semionov, J. Taylor, C. Torres, M. Tsatoumas, M. Zhang

**Faculty Lecturers**

J. Glay, J. O'Brien, V. Sygal

**6.10 Emergency Medicine****6.10.1 Location**

Montreal General Hospital  
1650 Cedar Avenue, Room B2.117  
Montreal QC H3G 1A4  
Website: [www.mcgill.ca/emergency](http://www.mcgill.ca/emergency)

**6.10.2 Courses**

The following course is given by the Department of Emergency Medicine.

INDS 408 – Emergency Medicine Clerkship

**6.10.3 Electives**

See the [Elective Program](#) for elective opportunities.

**6.11 Epidemiology, Biostatistics, and Occupational Health****6.11.1 Location**

Purvis Hall  
1020 Pine Avenue West  
Montreal QC H3A 1A2  
Telephone: 514-398-6258  
Website: [www.mcgill.ca/epi-biostat-occh](http://www.mcgill.ca/epi-biostat-occh)

**6.11.2 Core Medical Courses**

This Department contributes to the multidisciplinary curriculum components of Fundamentals of Medicine and Dentistry (FMD), Transition to Clinical Practice (TCP), and Clerkship components of the M.D.,C.M. program. In addition, see the [Elective Program](#).

**6.11.3 Introduction to Epidemiology and Biostatistics**

Lectures and small group tutorials cover basic principles of epidemiology and biostatistics as applied in clinical and community settings. Included are research design and methods, dealing with bias and confounding, screening and risk appraisal, statistics, and critical appraisal of the literature.

**6.11.4 Clinical Electives in Public Health and Preventive Medicine (*DSP de Montréal*)**

Elective rotations are available to medical students at the Montreal public health department under the supervision of Public Health and Preventive Medicine specialists and family physicians. In general, rotations are built around a core of health protection in communicable diseases or environmental health, including exposure to on-call duties, health surveillance activities, and epidemiological investigations. Interested students may also choose to explore activities in disease prevention or health promotion, depending on their particular interests.

### 6.11.5 Postgraduate Medical Education (Residency in Public Health and Preventive Medicine)

The McGill residency program in Public Health and Preventive Medicine trains specialists to identify health problems in populations; to plan, implement, and evaluate programs to promote health and control disease; and to apply this knowledge to community-oriented clinical practice. The practice of public health and preventive medicine requires the development of knowledge in several academic fields (epidemiology, statistics, administration, and economics) and skills in different fields of practice such as public health surveillance, clinical preventive medicine, health care policy, health services organization, health promotion, prevention and control of infectious diseases, and occupational and environmental health.

For more information, please consult the [Epidemiology, Biostatistics, and Occupational Health website](#).

### 6.11.6 Graduate Courses in Epidemiology

Epidemiology is the study of the distribution and determinants of health and disease. It is a basic science to clinical medicine, public health, and health services research. Our graduate programs have been offered since the 1960s and are known for their strong quantitative and methodological content, as applied to a variety of health areas. We offer education and research training in the etiology, management and prevention of diseases, and the promotion of health. Areas of strength include:

- biostatistics;
- clinical and public health informatics;
- environmental and occupational health
- health care delivery and organization
- infectious diseases;
- pharmacoepidemiology;
- population and public health
- social epidemiology;
- epidemiologic methods
- chronic diseases
- reproductive and perinatal epidemiology
- global health;
- causal inference;
- and many crossdisciplinary activities.

The Department offers three degree programs of study in Epidemiology: **M.Sc.(Thesis)**, **M.Sc.(Non-Thesis)**, and **Ph.D.** See the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section for descriptions of courses and programs.

### 6.11.7 Graduate Courses in Biostatistics

Biostatistics is the study of statistics and statistical methods with application to the biomedical environment. The department has one of the largest concentrations of Ph.D. statisticians in any Canadian medical school. They receive funding from the Natural Sciences and Engineering Research Council of Canada and from other federal and provincial agencies that fund research in the quantitative and health sciences. The research focus of faculty members is on the development of new statistical methods for the collection and analysis of clinical and epidemiologic research data. The Department offers three programs in Biostatistics: **M.Sc.(Thesis)**, **M.Sc.(Non-Thesis)**, and **Ph.D.** See the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section for descriptions of courses and programs.

### 6.11.8 Graduate Courses in Public Health (M.Sc.P.H.)

The mission of the Master of Science in Public Health is to train outstanding public and population health professionals and future leaders by offering a rigorous academic program in methods, research, and practice. Students will study the foundations and principles of epidemiology and biostatistics, as applied to public health research and practice, in order to design, conduct, and analyze population-based, environmental, clinical, policy, and methodological public health-related research. See the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section for descriptions of courses and programs.

### 6.11.9 Graduate Courses in Occupational Health

McGill is known for its pioneering research in occupational hazards associated with agents such as respirable dust, chemical hazards, and radiation. The M.Sc. (Applied) and Ph.D. programs in Occupational Health are multidisciplinary and involve engineering, chemistry, ergonomics, epidemiology, and occupational health. The applied programs educate practitioners in occupational health and safety and in industrial hygiene who will be capable of evaluating the work environment and its hazards and of proposing appropriate methods of prevention and control. A part-time "distance education" option is a particularly attractive feature of the Master's program, for practitioners already working in the field who wish to enhance their theoretical and practical knowledge base. The research programs train independent researchers in the field of occupational health and safety, and workplace environmental sciences. **Note:** We are not accepting applications for the Occupational Health Ph.D. or the M.Sc.A.(Distance) programs until further notice. See the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section for descriptions of courses and programs.



**6.11.10 Epidemiology, Biostatistics and Occupational Health Faculty****Chair**

G. Paradis

**Emeritus Professors**

M.R. Becklake; M.B.B.Ch., M.D.(Witw.), F.R.C.P.

J.F. Boivin; M.D.(Laval), S.M., Sc.D.(Harv.)

A. Lippman; B.A.(Cornell), Ph.D.(McG.) (*In memoriam*)

J. McCusker; M.D.,C.M.(McG.), M.P.H., Ph.D.(Col.)

O.S. Miettinen; M.D.(Helsinki), M.P.H., M.S., Ph.D.(Minn.)

I.B. Pless; B.A., M.D.(W. Ont.)

S.H. Shapiro; B.S.(Bucknell), M.S., Ph.D.(Stan.)

G. Thériault; M.D.(Laval), M.I.H., Dr.P.H.(Harv.)

S. Wood-Dauphinee; B.Sc.(Phys.Ther.), Dip.Ed., M.Sc.(A.), Ph.D.(McG.)

**Professors Post-Retirement**

J.F. Boivin; M.D.(Laval), S.M., Sc.D.(Harv.)

A. Ciampi; M.Sc., Ph.D.(Qu.), Ph.D.(Rome)

J. McCusker; M.D.,C.M.(McG.), M.P.H., Ph.D.(Col.)

I.B. Pless; B.A., M.D.(W. Ont.)

G. Thériault; M.D.(Laval), M.I.H., Dr.P.H.(Harv.)

S. Wood-Dauphinee; B.Sc.(Phys.Ther.), Dip.Ed., M.Sc.(A.), Ph.D.(McG.)

**Associate Professors Post-Retirement**

B. Case; B.Sc., M.D.,C.M., M.Sc.(McG.), Dip.Occ.Hyg., F.R.C.P.(C)

**Professors**

M. Abrahamowicz; Ph.D.(Cracow) (*James McGill Professor*)

J. Brophy; B.Eng.(McG.), M.Eng., M.D.(McM.), Ph.D.(McG.) (*joint appt. with Medicine*)

D. Buckeridge; M.D.(Qu.), M.Sc.(Tor.), Ph.D.(Stan.) (*CIHR Applied Public Health Chair*)

E.L.F. Franco; M.P.H., Dr.P.H.(Chapel Hill) (*joint appt. with Oncology*) (*James McGill Professor*)

R. Fuhrer; B.A.(CUNY (Brooklyn Coll.)), M.Sc., Ph.D.(Calif.-San Francisco) (*on leave Jan. to June 2018*)

C. Greenwood; B.Sc.(McG.), M.Sc.(Wat.), Ph.D.(Tor.) (*joint appt. with Oncology*)

T.W. Gyorkos; B.Sc.(McG.), M.Sc.(Bishop's), Ph.D.(McG.)

C. Hankins; B.A.(Hons.), M.D.(Calg.), M.Sc.(Lond.), Ph.D.(Amster.), C.C.F.P., F.R.C.P.(C)

J.A. Hanley; B.Sc., M.Sc.(N.U.I.), Ph.D.(Wat.)

C. Infante-Rivard; M.D.(Montr.), M.P.H.(Calif.-LA), Ph.D.(McG.), F.R.C.P.(C) (*James McGill Professor*)

L. Joseph; M.Sc., Ph.D.(McG.)

J. Kaufman; B.A.(Johns Hop.), Ph.D.(Mich.)

M.S. Kramer; B.A.(Chic.), M.D.(Yale) (*joint appt. with Pediatrics*) (*James McGill Professor*)

R. Menzies; M.D.,C.M., M.Sc.(McG.) (*joint appt. with Medicine*)

M. Pai; M.B.B.S.(Stanley Med. Coll.), M.D.(Christian Medical Coll.), Ph.D.(Calif., Berk.) (*Canada Research Chair*)

G. Paradis; M.D.(Montr.), M.Sc.(McG.), F.R.C.P.(C) (*Strathcona Prof. in Epidemiology*)

R.W. Platt; B.Sc.(McG.), M.Sc.(Manit.), Ph.D.(Wash.) (*joint. appt. with Pediatrics*) (*Albert Boehringer 1st Chair in Pharmacoepidemiology*)

**Professors**

S. Suissa; M.Sc.(McG.), Ph.D.(Flor.) (*joint appt. with Medicine*) (*James McGill Professor*)  
 R. Tamblyn; M.Sc.(McM.), Ph.D.(McG.) (*joint appt. with Medicine*) (*James McGill Professor*)  
 C. Wolfson; B.Sc., M.Sc., Ph.D.(McG.) (*joint appt. with Medicine*)

**Associate Professors**

A. Adrien; M.D., M.Sc.(McG.)  
 R. Allard; B.A.(Montr.), M.D., C.M., M.Sc.(McG.)  
 L. Azoulay; B.Sc.(Montr.), M.Sc.(McG.), Ph.D.(Montr.) (*joint appt. with Oncology*) (*FRQ-S CB Jr 2*) (*William Dawson Scholar*)  
 O. Basso; Ph.D.(Milan) (*joint appt. with Obstetrics and Gynecology*)  
 A. Benedetti; B.Sc., M.Sc., Ph.D.(McG.) (*joint appt. with Medicine*) (*FRQ-S CB Jr 1*)  
 J. Cox; B.Sc., B.A., M.D.(Dal.), M.Sc.(McG.), C.C.F.P., F.R.C.P.(C)  
 N. Dendukuri; M.Sc.(Indian IT), Ph.D.(McG.) (PT) (*joint appt. with Medicine*)  
 S. Harper; B.A.(Westminster Coll.), M.S.P.H.(S. Carolina), Ph.D.(Mich.)  
 P. Héroux; B.Sc.(Laval), M.Sc., Ph.D.(I.N.R.S.)  
 E.E.M. Moodie; B.A.(Winn.), M.Phil.(Camb.), Ph.D.(Wash.) (*William Dawson Scholar*)  
 A. Nandi; B.S.(Coll. of New Jersey), M.P.H.(Col.), Ph.D.(Johns Hop.) (*joint appt. with Institute for Health and Social Policy*) (*Canada Research Chair*) (*on leave Sept. 2017 to Aug. 2018*)  
 A. Quesnel-Vallée; B.A., M.Sc.(Montr.), M.A., Ph.D.(Duke) (*joint appt. with Sociology*) (*Canada Research Chair*)  
 M. Rossignol; B.Sc., M.D.(Sher.), M.Sc.(McG.)  
 A. Schmidt; B.Sc., M.Sc.(Federal Rio de Janeiro), Ph.D.(Sheff.)  
 E. Strumpf; B.A.(Smith), Ph.D.(Harv.) (*joint appt. with Economics*) (*William Dawson Scholar*)  
 P. Tousignant; B.A., M.D.(Laval), M.Sc.(McG.), F.R.C.P.(C) (PT)

**Assistant Professors**

J. Baumgartner; B.A.(Wisc.), M.Sc.(Harv.), Ph.D.(Wisc.) (*joint appt. with Institute of Health and Social Policy*) (*CIHR New Investigator*) (*William Dawson Scholar*)  
 S. Bhatnagar; B.Sc.(C'dia), M.Sc.(Qu.)  
 J. Chevrier; B.Sc., M.Sc.(Laval), Ph.D.(Calif., Berk.) (*Canada Research Chair*)  
 A. Daftary; B.Sc.(Manit.), M.Sc.P.H.(Col.), Ph.D.(Tor.) (*joint appt. with MUHC-RI*)  
 K. Dehghani; B.Sc.(SUNY), M.Sc.(N'western), M.D.(Tor.), M.Sc.P.H.(Harv.), C.C.F.P.(C), F.R.C.P.(C)  
 K. Filion; B.Sc., M.Sc., Ph.D.(McG.) (*joint appt. with Medicine*) (*CIHR New Investigator*)  
 D. Kaiser; B.Sc., M.D., C.M., M.Sc.(McG.)  
 A. Koski; B.Sc.(Michigan Tech), MPH(Emory), Ph.D.(McG.)  
 M. Maheu-Giroux; B.Sc.(Montr.), M.Sc.(McG.), D.Sc.(Harv.)  
 S. Martin; M.D.(Tor.), M.Sc.(McG.) (PT)  
 D. Panagiotoglu; B.Sc.(Tor.), M.Sc.(Col.), Ph.D.(Br. Col.)  
 L. Patry; B.Sc., M.D.(Laval), F.R.C.P.(C) (PT)  
 F. Richer; B.Sc., M.D.(Ott.), M.Sc.(McG.), F.R.C.P.(C)  
 P. Saha Chaudhuri; B.Sc.(Presidency Univ.), M.Stat.(Indian Stat. Inst.), M.S., Ph.D.(Wash.)  
 C. Stich; M.Sc.(Free Univ., Berlin), Ph.D.(Free Univ., Berlin/Toulouse II)  
 G. Tan; D.Phil.(Oxf.) (PT)  
 S. Weichenthal; B.Sc., M.Sc., Ph.D.(McG.) (*joint appt. with Oncology*) (*Cancer Research Society/FRQ-S*)  
 S. Yang; B.A.(Ajou), M.Sc.(McG.), Ph.D.(Mich.)

**Associate Members**

*Biomedical Ethics Unit:* J. Kimmelman, N. King

*Dentistry:* P. Allison, J. Feine

*Family Medicine:* A. Andermann, E. Robinson

*Geography:* N. Ross

*Human Genetics:* S. Gravel

*Human Nutrition:* N. Basu

*Internal Medicine, MUHC:* N. Dayan, M. Young

*Medicine:* J. Afilalo, F. Ahmad Kahn, A. Barkun, M. Behr, S. Bernatsky, J. Bourbeau, P. Brassard, K. Dasgupta, M. Eisenberg, P. Ernst, I. Fortier, M. Goldberg, A.V. Gonzalez, C. Greenaway, S. Kahn, M. Kaminska, M. Klein, T.C. Lee, A. Marelli, N. Mayo, S. Morin, S. Pamidi, N. Pant Pai, J. Pickering, L. Pilote, E. Rahme, B. Richards, R. Sapir-Pichhadze, K. Schwartzman, G. Sebastiani, M. Sewitch, J. Shahin, I. Shrier, B. M. Smith, V. Tagalakis, G. Thanassoulis, E. Vinet

*Neurology and Neurosurgery:* C. Renoux

*Ob/Gyn:* H. Abenhaim, R. Gagnon

*Pediatrics:* M. Ben Shoshan, E. Constantin, G. Dougherty, P. Fontela, B. Foster, P.T-S. Lee, M. Nakhla, M. Oskoui, J. Papenburg, M. Zappitelli

*Physical and Occupational Therapy:* S. Ahmed, A. Bussieres

*Psychiatry:* E. Latimer, A. Malla, X. Meng, N. Schmitz, B. Thombs

*Sociology:* S. Clark

*Surgery:* A. Andalib, D. Deckelbaum, A. N. Merguerditchian

**Lecturers**

J.P. Courteau, C. Fuller, P. Gasparini, M. Kafka, C. Kom Mogto, S.-A. Mercure, C. Paquette, B. Pinard, N. Savard, N. Titri, W. Wood

**Adjunct Professors**

*Asociación Civil Selva Amazónica Peru:* M. Casapia

*Boehringer Ingelheim GmbH:* D. Bartels

*Bristol-Myers Squibb Canada:* A.A. Tahami Monfared

*Caro Research:* J. Caro

*Concordia University:* P.E. Boileau

*Contex:* J.P. Gauvin

*DSP:* C. Dea, G. Denis, A. Kossowski, R. Lessard, R. Massé, S. Palmieri, S. Perron, M. Roy

*Harvard Univ.:* J. Brownstein

*Hôpital Ste. Justine:* M. Henderson

*Independent:* I. Arnold, L. De Montigny, K. Krishnan, C. Larson, J. Lemke, L. Scott

*INESSS:* D. Roy

*INSPQ:* N. Auger, E. Lo, S. Stock

*Montreal Chest Hospital Centre:* P. Rohan

*Mount Sinai:* M. Baltzan

*Public Health Agency of Canada:* G. Thomas-Reilly

*Shire Inc.:* A. Koutsavlis

*Univ. of Bern:* A. Chiolero

*Univ. of Calgary:* A. Clarke

*Univ. Hospital Basel:* J.R. Young

*Univ. de Montréal:* C. Quach-Thanh, A. Motulsky, M.E. Schnitzer, J. Siemiatycki

*Univ. de Sherbrooke:* C. Rochefort

## 6.12 Family Medicine

### 6.12.1 Location

Department of Family Medicine  
5858 Côte-des-Neiges Road, Suite 300  
Montreal QC H3S 1Z1  
Email: [undergrad,fammed@mcgill.ca](mailto:undergrad,fammed@mcgill.ca)  
Website: [www.mcgill.ca/familymed](http://www.mcgill.ca/familymed)

### 6.12.2 Core Courses

This Department contributes to the multidisciplinary components of the M.D.,C.M. program (Fundamentals of Medicine and Dentistry, Transition to Clinical Practice, and Core & Senior Clerkship).

INDS 124J1/INDS 124J2/INDS 124J3 – Longitudinal Family Medicine Experience

FMED 301 – TCP Family Medicine

FMED 405 – Family Medicine Clerkship

The Family Medicine & Mental Health block is a 16-week rotation divided into four segments: Family Medicine Rural (four weeks), Family Medicine Urban (four weeks), Inpatient Psychiatry (four weeks), and Outpatient Psychiatry (four weeks).

### 6.12.3 Electives

The Department provides several electives for medical students. See the [Elective Program](#) for elective opportunities.

### 6.12.4 Family Medicine Faculty

#### Chair

H. Bergman

#### Professors

M. Afilalo

N. Andersson

G. Bartlett-Esquilant

H. Bergman

J. Haggerty

A. Macaulay

P. Pluye

C. Rodriguez

Y. Steinert

M. Yaffe

#### Associate Professors

A. Aalamian

A. Andermann

R. Becker

E. Bereza

Y. Bergevin

M. Boillat

**Associate Professors**

A. Cockcroft  
 M. Dworkind  
 P. Feldman  
 S. Glaser  
 R. Grad  
 N. Gupta  
 J. Kirk  
 B. Lapointe  
 M. Malus  
 J. McClaran  
 J. Nemeth  
 A. Pavilanis  
 I. Rohan  
 E. Rosenberg  
 E. Segal  
 I. Shrier  
 P. Tellier  
 A. Towers  
 B. Unger  
 M. Ware

**Assistant Professors**

H. Abrahams, S. Aggarwal, B. Albright, D. Amdursky, K. Amyot, W. Aoune-Seghir, G. Ascah, W. Barakett, L. Barraud, R. Behruzi, E. Belanger, I. Benjamin, C. Berger, M. Berner, H. Baldev Bhanabhai, M. Bigras, S. Bindiganavile-Sridhar, M.R. B-Lajoie, D. Blouin, L. Boretsky, C. Bouchard, S. Boulet, A. Bourkas, E. Bridges, G. Brock, G. Brooks-Legault, A. Brown-Johnson, G. Brousseau, H. Bureau, B. Burko, I. Burstein, I. Campbell, S. Cape, R. Carlin, M.-J. Caron, V. Carpentier, D. Chahine, J. Chahine, C. Champagne, G. Chaput, L. Charette, G. Cheng, J. Chirgwin, M. Comeau, H. Coombs, H. Coopersmith, B. Cote, R. Croteau, P. Cruvellier, D. da Costa, E. Dagher, D. Dalton, R. Dancose, J. Dankoff, F. de Champlain, G. de Margerie, A. de Pokomandy, A. Decker, R. Diez D'Aux, A. Doucet, M. Dove, M. Dowdall, M. Doyle, M. Dumas Pilon, V. Einagel Jr., E. Eski, B. Evans, J. Farley-Deschamps, M.-M. Ferland, D. Finestone, A. Florea, C. Fortier-Tougas, M. Fournier, R. Friedman, B. Fuchsman, A. Fuoco, G.P. Gagne, J. Gaitman, J. Gardie Suarez, A. Gavsie, R. Ghoche, D. Ginsberg, H. Goldstein, B. Gordon, W. Grad, A.-M. Guerra Escobio, A. Guttman, J. Guy, L. Haiek, N. Haley, M. Hammond, B. Hayton, P. Heilpern, F. Hersson-Edery, E. Ho-Wo-Cheong, J. Hughes, M. Hughes, D. Ince-Cushman, E. Ingram, K. Johnson, S. Jones, A. Juras, K. Khoukaz, M. Karanofsky, V. Khanassov, B. Kremer, I. Kudrina, V. Lacroix, L. Lalla, L. Lam, I. Leblanc, B. Lebouche, A. Lefort, M. Lefson, Z. Levine, S. Levitz, J. Lewis, E. Lorber, R. Lubarsky, R. Ludman, G. Luskey, P. Lysy, G. Ma, A. Macek, K. MacLellan, R. Mah, R. Mahood, M. Marche, G. Marmor, S. Marques, G. Martel, S. Martin, B. Mayman, A. McComber, L. McLaughlin, G. Michaels, E. Moras, R. Morris, J. Moscovitz, A. Motard, R. Nathanson, S. Negrete, L. Normand-Rivest, P. Nugus, C. Ogilvy, M.-L. Okoniewski, C. Paraskevopoulos, E. Paraskevopoulos, L. Patakfalvi, M. Perrone, R. Perrotta, A. Phillips, D. Piper, V. Poirier, L. Poulin de Courval, R. Primavesi, S. Pugin, S. Quach, T.-Y.(Y.) Quan, M. Rappaport, A. Reid, F. Riahi-Nejad, M. Robert, E. Robinson, M. Roper, S. Rosenthal, A. Rothman, H. Rousseau, J. Rowen, H. Rubenstein, T. Rudkin, M. Ruiz Ruiz, B. Russillo, N. Sabin, G.-M. Saggi, A.M. Sairam, S. Saluja, B. Schiff, T. Schuster, H. Shenker, N. Sigouin, D. Sitaru, J. B. Slapcoff, R. Sorge, D. Sproule, J. Stasiak, D. Steg, P. Steinmetz, E. Stern, S. Still, H. Stuart, J. Szabo, C. Teodorescu, M.H. Thai, K.J. Todd, K. Tong, G. Tradounsky, E. Tremblay, P. Tremblay, L. Truong, P. Tsoulos, T. Vandor, G. VanGurp, I. Vedel, F. Veillet, G. Vrinotiotis, P. Wasser, M. Weber, R. Weinman, A. Whiteman, M. Wilchesky, J. Wootton, H. Yin, M. Zampini, D. Zlotnick

**Lecturers**

C. Abadir, F. Abboud, M. Abdelnour, M. Abedpour Dardashti, H. Abergel, M. Abou Abdo, A. Ackaoui, Y. Acre, F. Adam, R. Adjemian, P. Adler, S. Ahmed, K. Aikin, N. Al Sawaf, G. Alain, M. Alam, L. Alladin, J. Almasi, J. Alper, A. Angelus, S. Angers, T. Anghel, A. April, D. Archambault, J. Archer, R. Arel, K. Arnone, M. Arsenaault, A.S. Attignon, G. Aubé, M. Aubin, G. Auclair, T. Aumond-Beaupre, A. Authier, R. Ayallon-Galvan, J. Ayoub, A. Azuelos, J. Backler, D. Bacon, C. Bainbridge-Berube, H. Balendra, P.E. Barbeau, I. Barrette, G. Barrs, D. Bayegan, P.-J. Baylis, C. Beauce, A. Beaudoin, A. Beaudry, E. Beaudry, C. Beaulieu-Denault, F. Beaugard-Lepage, L. Beausejour, J.F. Belanger, M. Belefqih, N. Belkous, M. Bellazzi, M. Benfey, J. Bernard, M. Bernard, A. Bernier-Ouellet, A. Bertrand, C. Berube, C. Besner, G. Bidet, G. Bienvenue, A.M. Bilodeau-Dubé, K. Birdi, M.H. Biron, R. Bisson, M.-E. Blanchette, V. Blonde, M. Boily, K.E. Boisvert, G. Boivin, V. Bombay, V. Bonneau, P. Bonneville, S. Borreman, O. Borten, S.A. Bouchard-Cyr, S. Boucher, D. Boudreault, M. Bouhadana, N. Boulanger, C. Bourbonnière, A. Bourgon, S. Bourrellis, H. Boyer, C. Brassard, V. Brazzini-Poisson, L.T. Breger, M. Brenhouse, T. Brind'Amour, P. Brisebois, E. Britton, R. Brunner, J. Bussières, L. Buzzetti, D. Cabane, L. Cadoret, P.-Y. Caffin, C. Capelle, M. Cardinal, N. Cardinal, C.A. Cardona, V. Cardy, J. Caron, P. Caron, P. Carroll, P.J. Carroll, V.A. Caron, A.-M. Carvalho, A. Cecere, K. Cernovitch, M. Chabot, G. Charbonneau, R. Chehade, M.L. Chen, M.S. Chermignani, S. Cherradi, R. Chira, S. Chiry, D. Chouinard, G. Chouinard, I. Ciobanu, J. Clark,

**Lecturers**

T.J. Clarke, V. Clermont, I. Cloutier, V. Cloutier Nguyen, M. Codsí, H.S. Cohen, M.J. Comeau, B. Connolly, K. Conrad, E. Contant, J. Copley, B. Coquet Le Pape, L. Cossette, J. Cournoyer, A. Couture, V. Couture, D. Craciunescu, J. Cracower, P. Croteau, S. Croteau, C. Cyr, A. Czaharyn, C. Daigle, P. Daignault, F. Dankoff, D. Dannenbaum, N. Danyliuk, J. Defay, L. Defoy, K. Dehghani, I. Delarosbil, N. DelleDonne, A. DePauw, J. Desalliers, D. Deschenes, J. Desjardins, G. Deslauriers, M.H. Desrosiers, D. Désy, C. Dionne, A. Dixit, T.-H. Do, C. Dobrich, A.M. Dollois, A. Dominiquez, E. Dorobantu, V. Doulas, N. Dragin, R. Drummond, H. Dube, V. Dubuc, M. Duchastel, S. Dufresne, G. Duns, C. Duong, V. Duplessis, M. Duré, J. Duval, E. Edelstein, O. Elkabas, E. Elman, M. Engo, W. Estevez, J.M. Eydt, B. Fafard, F. Fallenbaum, T. Fainsilber, I. Faullem, I. Favez, D. Ferrarotto, C. Ferreira, C. Filip, B. Fine, S. Finkelberg, G. Fisher, T. Fitch, A.S. Focroulle, M.H. Folot-LaSalle, J. Fontg-Walmsley, S. Fortin, Y. Fortin, L. Foucault, N. Fox, J. Fragapane, F. Frechette, J.R. Friedman, D. Friedmann, M. Fuks, A. Gagné, G. Gagnon, I. Gagnon, J. Gagnon, Y.N. Gao, P. Gareau, E. Garoufalis, T. Gasse, J. Gauthier, D. Gee, M.D. Gendron, R. Gendron, S. Gendron, R. Germain, V. Gervais, S. Geukjian, G. Geuvbashian, S. Ghalehii, A. Gibeault, F. Gilbert, M.O. Gilbert, M. Gillman, N. Gillot, S. Gingras, N. Girouard, C. Godbout, D. Golberg, D. Gold, B. Goldenberg, J. Goldfard, S. Goldstein, B. Gore, S. Gotlieb, Z. Gouda, D. Gouriou, M. Goyal, R. Gray, M. Grenier-Levesque, G. Groleau, G. Guay, L. Guay, M. Guay, M. Guilbault, V. Guilbeault, E. Guillotte, D. Guindi, V. Gurekas, A. Gyopar, C. Hackett, C. Haggart, A. Haïneault, J. Hagshi, M. Hallman, C. Hamel, L. Han, D. Hanna, C. Haskins, E. Heilpern, S. Heisler, B. Hejazi, O. Hermon, S. Herskovitz, E. Hew, A. Hirtle, Q.C. Hoang, P. Hope, O. Horn, D. Hotte, M. Houde, F. Houle, R. Hunt, A. Hunting, A. Huot, V. Hurteloup, R. Iny, Z. Irani, M. Isler, S. Issley, L. Jacques, K. Jansen, J. Janzen, C. Jarvis, C. Jasmin, J. Jetté, V. Joannisse, C. Johnson, C.S. Johnson, I.S. Jolin, J. Jones, J.O. Jutras, M. Kalin, M. Kanadjian, E.D. Kapusy, M. Karczewska, N. Kardous, N. Karellis, M. Katz, T. Kaufman, R. Kennedy, A. Kessous, R. Khurana, P. Kilmartin, P. Kindeki Luzingu, D. Kitty, N. Kovacina, I. Kovitch, A. Krull, G.L. Kumka, S. Kushner, C. Kwiatkowska, S. Laberge, R. Labonté, V. Labrie, M.P. Lachaine, D. Lacombe, LP Lacroix, S.M. Lai, A.S. Lainesse, M. Lajzerowicz, D. Lalla, M.M.-H. Lam, M. Lamarche, H. Laperriere, S. Laplante, M. Lapointe, V. Lapointe, D. Laramee, D. Lasry, C. Lauriault-Dubois, F. Laviolette, G. Laviolette, C.E. Lavoie, C. Lavoie Coutu, K. Lawlor, T. Lawson, P.D. Le, G. Leblanc, M. Lecault, A. Leclerc, C. Leclerc, M. Leclair, E. Lee, G. Lee, T. Lefebvre, M. Lemay, E. Lemercier, M. A.A. Le-Ngoc, L. Le Quoc, L. Lessard, C.M. Levan, M.-A. Le Van, A. Levesque-Chouinard, A. Levi, D. Levy, S. L'Hereault, A. Li, N. Liesegang, E. Lillie, D. Lim, R. Lin, P. Lipes, Lisanu, T. Live, M. Lobel-Buch, R. Lord, D. Luckow, S. Luger, A. Luna, R. Lussier, T. Lussier, D. Luu, A. Maccordick, L. Maclaren, P. Mailhot, L. Mandjelikan, A. Manganas, A. Mannard, S. Manoli, N. Marceau, M.H. Marchand, M. Marleau, P. Martel, K.M. Martin, J. Mason, E. Massey, P. Mathers, J. Maunders, H. Mavromichalis, I. Mbonjo, P. McCabe, C. McConnery, N. McGee, E. McKay, R. Melameth, G. Melancon, Z. Meliji, L. Melnyk, D. Mercier, P. Merrett, C. Meyers, M.N. Michaud, G. Mimran, M. Miquelon, B. Mitelman, H. Mitnick, P. Moise, S. Mojica, R. Moollem, S. Moore, S. Morel, M.-M. Morin, V. Morin, S. Morris, P. Moschona, E. Mosconas, M. Munoz, J. Munoz-Mejia, G. Mimran, J. Nadon, N.S. Nakhostine, V. Nally, I. Nandlall, A. Nanhou, L. Narasiah, J. Nayar, N. Neylon, C. Nguyen, C.-N. Nguyen, L.A. Nguyen, M.C. Nguyen, T.A. Nguyen, T.A.T. Nguyen, Y.N. Nguyen-Duong, O. Normandin, M. Odell, M. Ohayon-Tapiero, A. Omar, T. O'Neill, O. Onyekwelu, A. Orr, M. Orzeszyna, G. O'Shaughnessy, R. Ostrofsky, M.-J. Ouimet, E. Pantazopoulos, E. Papillon, J. Paradis, N. Paradis-Robert, M. Parent, F. Pasquini, R. Payeur, E. Pearson, M.F. Pelletier, S. Pelletier, B. Perez, D. Perreault, M. Persson, D. Peters-Mainville, M. Pham, T.D. Pham, M. Pham-Dinh, R. Piché, J. Pigeon, T. Pirlog, J. Podavin, M. Poirier, D. Poitras, S. Popescu-Crainic, R. Popovici, M.S. Potter, E. Potvin, D. Pouteau, G.J. Pratt, G. Prévost, S. Prevost, G. Proulx, M. Proulx, E. Provost, C. Psyharis, G. Rankin, C. Reimer, E. Remillard, D. Ricella, A. Richard, J. Richard-Ross, G. Richer, S. Richer, A.K. Richter, K. Ridgeway, M. Rif, A. Rigault, L.F. Rivero Lopez, L.F. Rivero-Pinelo, A. Rizzuto, G. Rochette-Gratton, E. Roberge, P. Roche, I. Rodier, M.F. Rollin-Andrée, D. Rompre, M. Rona, L. Rooke, J. Rosenberg, R. Rosenberg, A. Rosengren, A. Ross, J. Rozen, M. Rozon-Rivest, A.S. Rubin, E. Rydz, G. Roy, P. Saba, O. Sabella, S. Sacks, D. Saint-Jacques, N. Sahi, R. Saksena, S. Saluja, K. Sancton, J. Sandhurst, J. Sarrazin, G. Satenstein, M.E. Saul, R. Sava, C. Savard-Woods, V. Savoie, R.I. Sawoniak, A. Schachter, M. Schipper, J. Schreiber, D. Schwarcz, S. Sebbag, A. Selim, D. Serero, P. Sergerie, S. Serrano, S. Shakfeh (Elgandy), J. Shaw, D. Shiff, P. Sibille, E.H. Sigman, J.-F. Simard, J.M. Simons, M. Simonyi-Poirier, K. Sing-Gosal, T. Singer, P. Siriki, S. Sivaraman, R. Skuherska, M. Slim, C. Smith, S. Smith, L. Solomon, M. Solomon, A. Srinivasan, L. St-Amant, A. Stanciu, A.E. Stanciu, K. St-Arnaud, C. St-Cyr, G. Steel, M. Stendel, M. Stern, M. St-Marseille, C. Stolovitz, J. Su, K. Sun, B. Szczygielski, M. Tabah, M.K. Tafler, L. Tamanaha, A. Tanguay, G.B. Tcheumi, C. Thanh, G. Tessier, N. Tewfik, S. Theberge, G. Theriault, N. Thomassin, S. Thomassin, D. Tikasz, A. Tissakht, N. Toma, C. Tong, M. Toscano, D. Tozzi, T.H. Tran, H.P. Tran-Le, R. Trattner, C. Tremblay, F. Tremblay, O. Triffault, B.H. Trinh, N. Trister, J.M. Troquet, Y. Trottier, M.-L. Truchon, J. Turner, F. Turqui, L. Vachon, C. Vaillancourt, R. Vander Stelt, S. Van Duyse, D. Vas, A. Verneq, M.-H. Verreault, P. Vetere, H. Viladevall, P. Villard, M.H. Vo, T.H.Y. Vo, O. Vongphrachanh, M. Vonniessen, V. Vrahas, A. Walker, V.A. Walsh, N. Waterman, D. Weigens, Z. Weinstein, J.H. Wilson, R. Wolanski, I. Wyszogrodski, Y. Xiao, J. Yaremko, M. Yaremko-Dolan, S. Yazdaniyan, Y. Ying, L. Younes, J. Youssef, J. Zavaleta, J.A. Zigby

**Adjunct Professors**

T. Barnett, E. Baron, J. Beardsley, G. Boucher, J. Bruneau, M. Clarfield, Y. Couturier, I. Deslandes, R. Dhanani, F. Dufresne, A.J.G. Gervais, S. Goulet, M. Hebert, C. Hudon, A. Issa, G. Julien, J. Kaczorowski, M. Klein, E. Kroger, J.F. Lanctot, E. Laviolette, S. Law, D. Levine, M.-T. Lussier, P. Mainville, E. Marshall, D. Murphy, A. Ndengeyingoma, V. Nebelsi, F. Paccaud, P. Pascual, S. Rhein, C. Rochefort, B. Spencer, A. Steverman, M. Valois

**Associate Members**

O. Beauchet, L. Berkson, D. Boivin, D. Buckeridge, C. Costiniuk, S. Delaney, C. Ells, M. Friedrich, D. Groleau, R. Hovey, H.-S. Hum, R. Karanofsky, M. Ladores, M. Laporta, A. Lippman, F. Luconi, A. Maioni, A. Quesnel-Vallee, E. Rahme, M. Sewitch, D. Weinstock, M. Young

**6.13 Geriatric Medicine****6.13.1 Location**

Office of Course Administrator, Geriatric Medicine  
 Montreal General Hospital, Room D6 237  
 1650 Cedar Avenue  
 Montreal QC H3G 1A4

Website: [www.mcgill.ca/geriatrics](http://www.mcgill.ca/geriatrics)

### 6.13.2 Courses

The following course is given by the Division of Geriatric Medicine, Department of Medicine.

IMED 407 – Geriatric Medicine Clerkship

### 6.13.3 Electives

See the [Elective Program](#) for elective opportunities.

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## 6.14 Human Genetics

### 6.14.1 Location

Department of Human Genetics  
Strathcona Anatomy & Dentistry Building  
3640 rue University, Room W-315 C/D/E  
Montreal QC H3A 0C7  
Telephone: 514-398-3600  
Website: [www.mcgill.ca/humangenetics](http://www.mcgill.ca/humangenetics)

### 6.14.2 Core Courses

This Department contributes to the multidisciplinary curriculum components of Fundamentals of Medicine and Dentistry (FMD) and Clerkship of the M.D.,C.M. program. In addition, see the [Elective Program](#) for elective opportunities.

### 6.14.3 Graduate Courses

This Department contributes to the multidisciplinary curriculum components of Fundamentals of Medicine and Dentistry (FMD), Transition to Clinical Practice (TCP), and Clerkship. In addition, see the [Elective Program](#) for elective opportunities.

The department also offers the following programs:

- M.Sc. in Genetic Counselling (Non-Thesis)
- M.Sc. in Human Genetics (Thesis)
- Ph.D. in Human Genetics (Thesis)

For details, please refer to the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section.

### 6.14.4 Human Genetics Faculty

#### Chair

E.A. Shoubridge

#### Program Directors

J. Fitzpatrick – *M.Sc. in Genetic Counselling*

A. Ryan – *M.Sc. and Ph.D. in Human Genetics*

#### Emeritus Professors

F. Kaplan; B.A.(Col.), Ph.D.(McG.)

K. Morgan; Ph.D.(Mich.)

L. Pinsky; M.D.(McG.)

C. Sriver; B.A., M.D.,C.M.(McG.)

**Professors**

E. Andermann; M.Sc., Ph.D., M.D.,C.M.(McG.) (*Neurology and Neurosurgery*)  
 B. Brais; M.D.,C.M., Ph.D.(McG.) (*Neurology and Neurosurgery*)  
 W. Foulkes; B.Sc., MB.BS., Ph.D.(Lond.) (*Medicine*)  
 B. Knoppers; Ph.D.(Paris IV), Ad.E., O.C. (*Director, Centre of Genomics and Policy*)  
 M. Lathrop; B.Sc., M.Sc.(Alta.), Ph.D.(Wash.) (*Director, McGill University-Genome Quebec Innovation Centre*)  
 D. Malo; D.U.M., M.Sc.(Montr.), Ph.D.(McG.) (*William Dawson Scholar*) (*Medicine*)  
 R. McInnes; C.M.,M.D., Ph.D., F.R.S.C.(McG.) (*Alva Chair in Human Genetics*) (*Director, Lady Davis Research Institute*)  
 R. Palmour; B.A.(Texas W.), Ph.D.(Texas) (*Psychiatry and Biology*)  
 D. Radzioch; M.Sc., Ph.D.(Jagiellonian, Krakow) (*Medicine*)  
 D.S. Rosenblatt; M.D.,C.M.(McG.) (*Medicine, Pediatrics, and Biology*)  
 R. Rozen; B.Sc., Ph.D.(McG.) (*Pediatrics and Biology*)  
 E. Schurr; M.Sc., Ph.D.(Albert-Ludwigs, Freiburg) (*Medicine*)  
 E.A. Shoubridge; B.Sc., M.Sc.(McG.), Ph.D.(Br. Col.) (*Neurogenetics*)  
 R. St-Arnaud; B.Sc.(Montr.), Ph.D.(Laval) (*Surgery*)  
 P. Tonin; B.Sc., M.Sc., Ph.D.(Tor.) (*Medicine*)  
 J. Trasler; M.D.,C.M., Ph.D.(McG.) (*William Dawson Scholar*) (*Pathology and Pediatrics*)  
 S. Vidal; Ph.D.(Genève) (*Medicine*)

**Associate Professors**

A. Ao; Ph.D.(UCL)  
 G. Bourque; B.Sc.(Montr.), M.A., Ph.D.(USC) (*Genome Quebec*)  
 N. Braverman; B.Sc.(Cornell), M.Sc.(Sarah Lawrence), M.D.(Tulane) (*Pediatrics*)  
 K. Dewar; Ph.D.(Laval) (*Genome Quebec*)  
 Y. Joly; Ph.D.(McG.) (*Centre of Genomics and Policy*)  
 J. Majewski; B.Sc., M.Sc.(Stan.), Ph.D.(Wesl.)  
 P. Moffatt; Ph.D.(Montr.) (*Pharmacology*)  
 R. Nadon; B.A., M.A., Ph.D.(C' dia)  
 I. Ragoussis; Ph.D.(Tübingen)  
 L. Russell; B.A., M.D.(Ind.) (*Pediatrics*)  
 A. Ryan; Ph.D.(Qu.)  
 R. Sladek; B.A.Sc., M.D.(Tor.)  
 R. Slim; M.Sc.(Lebanese), M.Sc., Ph.D.(Paris VII)  
 Y. Yamanaka; Ph.D.(Osaka) (*Goodman Cancer Research Centre*)

**Assistant Professors**

D. Buhas; M.D.(Craiova) (*Montreal Children's Hospital*)  
 L. Cartier; B.Sc., M.Sc.(McG.)  
 G. Chong; Ph.D.(Kansas State)  
 C. Crist; B.Sc.(Br. Col.), M.Sc., Ph.D.(Tokyo)  
 M-D. D'Agostino; M.D., M.Sc., F.R.C.P.C.  
 I. De Bie; M.D.(Laval), Ph.D.(McG.) (*Montreal Children's Hospital*)  
 J. Fitzpatrick; M.S.(Mich.) (*Pediatrics and Medicine*)  
 S. Gravel; Ph.D.(Physics)(Cornell) (*Numerical methods*)



**Assistant Professors**

C. Kleinman; Ph.D.(Montr.) (*Bioinformatics*)  
 D. Langlais; Ph.D.(Montr.)  
 B. Mucha-Le Ny; M.D.(Freiburg)  
 H. Najafabadi; Ph.D.(Montr.) (*Genome Innovation Centre*)  
 L-C. Palma; M.Sc.  
 I. Ragoussis; Ph.D.(Tübingen) (*Genome Innovation Centre*)  
 Y. Riaz Alhosseini; Ph.D.(Heidel.) (*Genome Quebec*)  
 J.P. Riviere; Ph.D.(Montr.) (*RI MUHC*)  
 A. Ruchon; Ph.D.(Montr.) (*Biomedical Sciences*)  
 V. Soleimani; Ph.D.(Ott.) (*Jewish General Hospital*)  
 Y. Trakadis; M.D.(Montr.) (*Montreal Children's Hospital*)  
 L. Walsh; Ph.D.(W. Ont.)

**Lecturers**

N. Anoja (*Medicine*)  
 L. Baret (*Medicine*)  
 C. Bascunana (*Medicine*)  
 K-E. Canales (*Medicine*)  
 S. Drury (*Pediatrics*)  
 S. Fox (*Medicine*)  
 L. Kasprzak (*Medicine*)  
 M. Lalous (*Medicine*)  
 L. Macrae (*Medicine*)  
 L. Palma (*Medicine*)  
 M. Richard (*Pediatrics*)  
 G. Sillon (*Medicine*)  
 L. Whelton (*Medicine*)  
 N. Wong (*Medicine*)  
 S. Zaor (*Medicine*)

**Adjunct Professors**

C-M. Chisholm (*Children's Hospital of Eastern Ontario*)  
 T. Chiu (*Children's Hospital of Eastern Ontario*)  
 M. Cloutier (*Children's Hospital of Eastern Ontario*)  
 E. Creede (*Children's Hospital of Eastern Ontario*)  
 D. Gauquier (*Cordeliers Research Centre*)  
 C. Goldsmith (*Children's Hospital of Eastern Ontario*)  
 B. Gottlieb (*Medicine*)  
 E-L. Grundberg (*The Children's Mercy Hospital*)  
 V.A. Hastings (*Children's Hospital of Eastern Ontario*)  
 L. Higgins (*Children's Hospital of Eastern Ontario*)  
 C. Honeywell (*Children's Hospital of Eastern Ontario*)  
 T-M. Pastinen (*The Children's Mercy Hospital*)

**Adjunct Professors**

J. Rutberg (*Children's Hospital of Eastern Ontario*)

**Adjunct Member**

D. Vinh; M.D. (*Dept. of Medical Microbiology; Medicine*)

**Associate Members**

*Biochemistry*: P. Gros, D. Thomas

*Bioethics*: J. Kimmelman

*Cardiology*: J. Genest

*Core Molecular Diagnostic Laboratory - Cytogenetics*: J. Lavoie

*Dentistry*: L. Diatchenko

*Endocrinology*: C. Polychonakos, B. Richards

*Epidemiology, Biostatistics and Occupational Health*: C. Greenwood

*Experimental Medicine*: S. Ali, S. Richard, S-A. Rabbani

*Law*: R. Gold

*Medicine*: D. Cournoyer, J. Engert, L. Garzia, B. Gilfix, C. Gilpin, G.Hendy, R. Koenekoop, A. Peterson, F. Rauch, M. Trifiro

*Nephrology*: I. Gupta

*Neurology*: G. Rouleau, Z. Gan-Or, M. Srour

*Obs.-Gyn.*: A. Naumova

*Pediatrics*: C. Goudie, N. Jabado, L. Majewska, J. Mitchell, J. Rak

*Psychiatry*: R. Joober, G. Turecki, C. Ernst

*Surgery*: P. Roughley

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## 6.15 Medical Physics

### 6.15.1 Location

Medical Physics Unit, DS1.7141  
McGill University Health Centre – Glen Site  
Cedars Cancer Centre  
1001 Décarie Boulevard  
Montreal QC H4A 3J1  
Program enquiries: [margery.knewstubb@mcgill.ca](mailto:margery.knewstubb@mcgill.ca)  
Website: [www.mcgill.ca/medphys](http://www.mcgill.ca/medphys)

### 6.15.2 Graduate Programs

The Medical Physics Unit is a teaching and research unit concerned with the application of physics and related sciences in medicine and cancer research, especially (but not exclusively) in radiation medicine, i.e., radiation oncology, medical imaging, and nuclear medicine. The Unit offers an **M.Sc. in Medical Radiation Physics** and facilities are available for students to undertake a **Ph.D. in Physics** administered through the Department of Physics or a Ph.D. in Biological & Biomedical Engineering administered through the Department of Biomedical Engineering with a research emphasis on medical physics. These graduate courses are supervised, funded, and hosted by Medical Physics Unit PI's (principal investigators).

The research interests of members of the Unit include various aspects related to the application of physics methods to medicine:

- 3D and 4D imaging, the development of new imaging modalities, and applications of imaging in radiation therapy;
- radiation physics and computational & experimental dosimetry;
- machine learning and AI applications to medical imaging, radiation therapy and health informatics;
- applications of nano sciences to medical imaging and therapy;
- numerical modeling of fundamental interactions of radiation with living cells;

- metabolic and functional imaging using radio-nuclides and MRI;
- applications of radiation biology to therapy and radiation protection.

The M.Sc. and Ph.D. programs in Medical Physics are accredited by the *Commission on Accreditation of Medical Physics Education Programs, Inc.*, sponsored by The *American Association of Physicists in Medicine (AAPM)*, The *American College of Medical Physics (ACMP)*, The *American College of Radiology (ACR)*, and the *Canadian College of Physicists in Medicine (CCPM)*.

For more information, please refer to the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section.

### 6.15.3 Medical Physics Faculty

#### Director

J. Seuntjens

#### Emeritus Professor

S.M. Lehnert; B.Sc.(Nott.), M.Sc., Ph.D.(Lond.) 0

E.B. Podgorsak; Dipl.Ing.(Ljubljana), M.Sc., Ph.D.(Wisc.), F.C.C.P.M., F.A.A.P.M., D.A.B.M.P., D.A.B.R.

#### Professors

D. Louis Collins; M.Eng., Ph.D.(McG.), Post Doc.(Rennes), F.C.C.P.M.

J. Seuntjens; M.Sc., Ph.D.(Ghent), F.C.C.P.M., F.A.A.P.M., F.C.O.M.P.

#### Assistant Professors

S. Devic; M.Sc., Ph.D.(Belgrade), F.C.C.P.M.

S. Enger; Ph.D.(Uppsala)

M.D.C. Evans; B.A.(Qu.), M.Sc.(McG.), F.C.C.P.M.

M. Hobson; Ph.D.(Wisc. Madison)

J. Kildea; Ph.D.(Dublin), M.Sc.(McG.)

I. Levesque; Ph.D.(McG.), Post Doc.(Stan.)

W. Parker; M.Sc.(McG.), F.C.C.P.M.

H.J. Patrocinio; M.Sc.(McG.), F.C.C.P.M., D.A.B.R.

M. Popovic; Ph.D.(McM.)

G. Stroian; M.Sc.(McG.), Ph.D.(Montpellier), F.C.C.P.M.

N. Ybarra; Ph.D.(Montr.)

#### Affiliate Members

K. Asiev, H. Bekerat, T. Connell, S. Darvasi, S. Davis, C. Furstoss, A. Gauvin, D. Guillet, G. Hegyi, L. Liang, P. Pater, P. Papaconstadopoulos, E. Poon, R. Richardson, R. Ruo, M. Serban, N. Tomic

#### Adjunct Professors

F. DeBlois; M.Sc., Ph.D.(McG.), F.C.C.P.M.

I. El Naqa; B.Sc., M.S.(Jordan), Ph.D.(Chic.), M.A.(Wash.), D.A.B.R.

C. Janicki; B.Sc., M.Sc., Ph.D.(Montr.)

B. Moftah; B.Sc.(Winn.), M.Sc., Ph.D.(Br. Col.)

G.B. Pike; B.Eng.(St. John's), M.Eng., Ph.D.(McG.)

A. Reader; B.Sc.(Kent), Ph.D.(Lond.)

A. Sarfehnia; B.Sc.(Br.Col.), M.Sc., Ph.D.(McG.)

E. Soisson; M.Sc., Ph.D.(Wisc.)

## 6.16 Medicine

### 6.16.1 Location

Office of the Chair:  
 McGill University Health Centre (MUHC)  
 1001 Décarie Blvd.  
 D5 South Administrative Offices  
 Montreal QC H4A 3J1  
 Website: [www.mcgill.ca/deptmedicine](http://www.mcgill.ca/deptmedicine)

### 6.16.2 Core Courses

This Department contributes to all curriculum components of the M.D.,C.M. program and takes a leadership role in the following courses:

IMED 301 – TCP Internal Medicine

IMED 401 – Internal Medicine Clerkship

### 6.16.3 Graduate Courses

#### Experimental Medicine

See the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section.

### 6.16.4 Medicine Faculty

#### Chair

J. Martin

#### Emeritus Professors

E. Alpert, M. Becklake, J. Bergeron, R. Blostein, G.M. Bray, J.H. Burgess, S. Carbonetto, T.M.S. Chang, M. Cosio, N. Gilmore, H. Goldsmith, R.D. Guttman, M. Kaye, R. Levin, M. Levy, N. Macdonald, O. Mamer, M. McGregor, H. Menard, P. McLeod, S. Mulay, B.E. Murphy, C.K. Osterland, L. Pinsky, H. Scott, E. Skamene, C. Srikant, A. Tenenhouse, E. Wang

#### Professors

M.A. Alaoui-Jamali, S. Ali, C. Autexier, A. Barkun (*Douglas G. Kinnear Professor of Medicine*), M. Baron, A. Bateman, G. Batist, N. Beauchemin, O. Beauchet (*Dr. Joseph Kaufmann Professor of Geriatric Medicine*), M. Behr, H. Bennett, H. Bergman, S. Bernatsky, A. Bitton, V. Blank, J. Bourbeau, C.W. Bourque, J. Brophy, M. Cantarovich, H. Chertkow, R. Cohen, S. Cruess, A. Cybulsky (*Catherine McLaughlin Hakim Chair in Medicine*), S. David, G. Di Battista, D. Eidelman, M. Eisenberg, P. Ernst, K. Flegel, W. Foulkes, M. Friedrich, A. Fuks, A. Gatignol, J. Genest (*Novartis Professor of Medicine*), V. Giguere, L. Glass (*Isadore Rosenfeld Professor of Medicine*), P. Gold (*Douglas G. Cameron Professor of Medicine*), M. Goldberg, R. Goldstein, D. Goltzman (*Antoine G. Massabki Professor of Medicine*), S. Grover, M. Gyger, Q. Hamid (*Strauss Chair in Respiratory Medicine*), J. Hanley, J. Henderson, G. Hendy, J. Hoffer, S. Hussain, T. Hutchinson, S. Kahn, A. Karaplis, J. Kimoff, M. Klein, H. Knecht, R. Kremer, D. Langleben, S. Laporte, A.M. Lauzon, J.J. Lebrun, C. Liang, M. Libman, V. Loo, M.S. Ludwig, S. Magder, D. Malo, A. Marelli, E. Marliss (*Garfield Weston Professor of Nutrition*), J. Martin (*Harry Webster Thorp Professor of Medicine*), N. Mayo, R. Menzies, W. Miller, A. Moulard, W. Muller, K. Murai, A. Nepveu, T. Nilsson, M. Olivier, L. Panasci, K. Pantopoulos, M. Park, B. Petrof, L. Pilote, J. Poirier, M. Pollak, P. Ponka, B. Posner, W.S. Powell, S. Rabbani, D. Radzioch, Y. Rao, M. Rasminsky, J. Rauch, S. Richard, H.G. Robson, L. Rosenberg, D. Rosenblatt, J.-P. Routy (*Louis Lowenstein Chair in Hematology-Oncology*), L. Rudski, M. Sami, D. Sasseville, A. Schiffrin, E. Schiffrin, H. Schipper, E. Schurr, K. Schwartzman, A. Schwertani, E. Seidman (*Bruce Kaufman Chair in I.B.D.*), D. Sheppard, J. Shuster, C. Shustik, L. Snell, A. Sniderman, R. St-Arnaud, M.M. Stevenson, S. Suissa, T. Takano, R. Tamblyn, J. Therrien, M. Thirlwell, D. Thomson, P. Tonin, M. Trifiro, C. Tsoukas, S. Vidal, B. Ward, K. Weiss, J. White, S. Wing, C. Wolfson, J.F. Yale, X.J. Yang

#### Associate Professors

A. Afif, A. Alam, T. Alcindor, H. Aleyassine, S. Assouline, C. Baglolle, D. Baran, P. Barre, S. Bartlett, R. Becker, S. Benaroya, A. Benedetti, L. Berkson, N. Bernard, R. Billick, D. Blank, M. Blostein, D. Boudreau, A.M. Bourgault, P. Brassard, D.J. Briedis, S. Caplan, L. Chalifour, B. Chen, M. Churchill-Smith, A. Cohen, N. Colman, I. Colmegna, D. Cournoyer, G. Crelinsten, B.A. Cummings, A. Dascal, D. Da Costa, K. Dasgupta, S. Daskalopoulou, M. Davidman, D. Dawson, M. De Marchie, J.S. Delaney, J. Del Carpio, N. Dendukuri, M. Deschenes, K. Dewar, M. Divangahi, P. Dobkin, J.S. Dylewski, M. Elizov, C. Ells, E. Elstein, J. Engert, V. Essebag, C. Fallone, J. Falutz, M.A. Fitzcharles, E. Fixman, P. Ghali, N. Giannetti, B. Gilfix, P. Goldberg, A. Gonzalez, S. Gosselin, S. Gottfried, D. Gratton, L. Green, C. Greenaway, W. Gregory, J. Gruber, A. Gursahaney, N. Hilzenrat, I. Hings, A. Hirsch, J. How, M. Hudson, T. Huynh, S. Iqbal, T. Jagoe, D. Jayaraman, B. Jean-Claude, N. Johnson, M.A. Kapusta, M. Katz, S. Katz, P. Kavan, R. Kiss, L. Knight, M. Kokoeva, A. Kristof, P. Lakatos, J. Landry, P. Laneville, L. Larose, T. Lee, S. Lehoux, S. Lemay, R. Lin, M. Lipman, J.-L. Liu, R. Loertscher, Y. Longtin, E. MacNamara,

**Associate Professors**

I. Malcolm, T. Maniatis, S. Marcovitz, E. Matouk, S. Mayrand, T. McConnell, T.W. Meagher, S. Meltzer, S. Mishkin, J. Morais, S. Morin, D. Morris, M. Murshed, S. Nattel, M. Ndao, M. Newkirk, D. Nguyen, E. O' Brien, R. Olivenstein, G.L. Ostiguy, N. Pai, K. Pehr, A. Peterson, J. Pickering, C. Pineau, T. Podymow, J. Portnoy, R. Postuma, J. Prchal, S. Qureshi, M. Radhakrishna, E. Rahme, J.T. Ratner, M. Reed, P. Rene, J.B. Richards, S. Rinfret, J.A. Rivera Ramirez, C. Rocheleau, A. Rosenberg, S. Rousseau, M. Saleh, J. Schulz, M. Schweitzer, S.K.K. Seah, I. Sebag, G. Sebastiani, C. Seguin, M. Sewitch, A. Shamy, J.D. Shannon, R. Sheppard, M. Sherman, P. Siegel, J. Sjostrom, R. Sladek, D. Small, P. Small, M. Smilovitch, S. Solymoss, D. Stellwagen, P. Szego, V. Tagalakakis, M. Tamilia, H. Tannenbaum, G. Thanassoulis, E. Torban, P. Tousignant, G. Tsoukas, B. Turcotte, B. Unikowsky, M. Vasilevsky, J. Verdon, D. Vinh, A. Walling, M. Walker, M. Warner, K. Waschke, J. Welch, G. Wild, N. Wolkove, P. Wong, H. Zackon, A. Zidulka, J. Zidulka

**Assistant Professors**

A. Abualsaud, J. Afilalo, J. Agulnik, F. Ahmad Khan, R. Aloyz, J. Angelopoulos, D. Assayag, P. Assimakopoulos, I. Azuelos, A. Baass, Y. Bacher, V. Baffis, A. Balbul, D. Banerjee, S. Beaudoin, J.P. Beaudry, M. Beique, R. Benoit, M. Bernier, A. Bessissow, T. Bessissow, M. Bielski, L. Birnbaum, G. Blake, S. Blum, H. Blumer, R.T. Bond, M. Bonnycastle, M. Borod, N. Bottega, P. Bourgouin, I. Brukner, J. Buithieu, R. Bunea, J. Cameron, B. Campbell, W. Carey, J. Chabot, H. Chang, A. Chen-Tournoux, T. Chen, Y. Chen, W. Chi, S. Christopoulos, B. Chrysler, P. Cleland, J. Cohen, V. Cohen, J. Cooperman, C. T. Costiniuk, V. Cyr, S. Dandona, R. Dandurand, C. Davies, K. Davison, N. Dayan, A. Demirjian, S. Dial, V. Dory, K. Doyle, S. Dube, T. Dube, R. Eappen, J. Eid, S. Eintracht, T. El-Helou, N. Ezer, S. Fallovollita, K. Filion, I. Fortier, M. Fournier, J. Fox, R. Foxford, C. Frenette, G. Friedman, R. Friedman, G. Frisch, S.H. Fung, P. Galiatsatos, N. Garfield, S. Garg, G. Genest, A. Giannakis, S. Gilman, S. Gold, G. Goldman, C. Gomez-Garibello, B. Govig, G. Gupta, G. Gyger, T. Hadjis, R. Haichin, A. Haligua, M. Hannouche, L.P. Haraoui, J. Harissi Dagher, E. Hazel, A. Hercz, V. Homier, R. Horn, D. Hornstein, J. How, X. Hu, R. Husa, G. Inglis, K. Issigonis, J. Jones, D. Joyal, J. Joza, T. Kader, F. Kalache, M. Kaminska, S. Kenick, M. Khanna, T. Kohn, M. Koolian, M. Kornbluth, D. Kostiuik, J. Krasny, M. Laliberte, A. Lalonde, D. Laporta, N. Larente, H. Laryea, C. Lauzon, K. Lawlor, P. Lebel, R. Leblanc, C. Legler, E.J. Levinoff, J. Lipes, I. Litvinov, M. Lipnowski, M.L. Luong, L. Luterman, K. Ly, A.J. Maclean, A. Majdan, S. Mannix, C. Maranda, V. Mardigyan, L.ardini, G. Martucci, E. McDonald, L. Meissner, P. Melanson, C. Michel, C. Mihalcioiu, C. Mindru, R. Molinari, Y. Monczak, M. Mondou, J. Monette, L. Moreau, G. Morelli, S.T. Morin, N. Mousavi, V. Naessens, S. Nessim, N. Ng Cheong, J. Nguyen, K. Nguyen, V. Nguyen, L. Ofiara, M. Oughton, N. Ozen, M. Palaic, M. Palayew, M. Paliouras, M. Palumbo, S. Pamidi, P. Panopalis, J. Parent, F. Parente, F. Patenaude, J.P. Pelletier, P. Pelletier, C. Pepe, V. Petropoulos, N. Piazza, G. Popradi, D. Portnoy, M. Powell, P. Proulx, B. Rabinovitch, J. Raffoul, D. Rahal, L. Robichaud, O. Roshdy, R. Rubinstein, A. Ryder, N. Saad, R. Sabbagh, N. Sabri, L. Sakr, R. Samanta, S. Sandal, F. Sandrin, R. Sapir-Pichhadze, C.L. Saw, J. St-Cyr, B.C. Shieh, R. Schlesinger, B. Schwartz, M. Sebag, J. Segal, M. Semret, J. Shahin, F. Shamekh, E. Sidorowicz, F. Silviu-Dan, M. Singer, B. Smith, C. Soulellis, M. Spaziano, M. Stanciu, M. Starr, M. Stein, D. Stern, J.A. Stewart, J. Storrington, N.-Z. Sun, A. Szilagy, C. Talbot-Hamon, N. Tardio, V. Tardio, M. Teltscher, S. Tinawi, E. Trinh, L. Trudeau, A. Tsoukas, M. Tsoukas, L. Vautour, E. Vinet, M. Wagner, D. Wan-Chow-Wah, B. Wang, P. Warshawsky, C. Watts, C. Weber, P. Willemot, J. Wiseman, J. Wyse, H. Yanofsky, C. Yansouni, M. Young, O. Yu, G. Zaharatos, P. Zanelli

**Lecturers**

E. Adelson, N.A. Ahmed, P. Anand, M. Arrieta, R. Audet, D. Azran, L. Babins, D. Barolet, G. Beaulieu-Boire, D. Bechard, H. Benoualid, J. Bertrand, J. Biem, R. Bilefsky, D. Boisvert, T.C. Botnaru, M. Boufassa, S. Bourrelli, J.-F. Brouillette, I. Brousseau-Tremblay, C. Cassis, M. Chicoine LeBel, M. Clamen, G. Cote, M. Dallaire, A. Dekis, M. Di Lorenzo, R. Djiana, C. Dumont, I. Dylewski, A. Farah, E. Ferland, R. Fish, C. Fortin, O. Fournier-Blake, S. Fox, S. Fujioka, R. Gan, N. Garceau, N. Germain-Lacroix, F. Giard, E. Gilbert, M. Girouard, C. Gomberg, N. Granger, D. Grunbaum, J. Harvey, T. Heeley-Ray, S. Javaheri, R. Kaedbey, N. Kelner, C. Kempf, R. Kennedy, E. Kokoskin, M. Labelle, T.B. Lam Tu, I. Lebovich, S. Le Gal, M. Lessard, M.-F. Levac, C. Levesque, I. Lowensteyn, D. Macek, S. Michaud, L. Moleski, A. Morogan, R. Nantel-Smith, A.T.D. Nguyen, T.T. Nguyen, J. Okapuu, K.Y. Popiel, S.D. Potoker, N. Proulx, Q. Pu, S. Quenneville, M. Rasti, H. Reisler, A. Roy, M. Rubino, C. Sairam, R. Schiff, E. Shahin, H.Y. Shiu, R. Starra, M. Tahan, D. Tatu, D. Thibeault, G. Thibert, T. Toledano, M. Toscano, M. Tourigny, P. Tran, H. Turner, D. Valcourt, M.-H. Verreault, M. Viau, T.-Y. Wang, J. Wang, N. Wong, W. Zhou, M. Zoghby

**Associate Members**

B. Abdulkarim, H.A. Abenhaim, M. Abrahamowicz, S. Ahmed, R. Andersen, M. Angle, J. Archambault, M. Basik, M. Ben-Shoshan, D. Bernard, M. Bouchard, N. Bouganim, R. Brenner, P. Brodt, K. Brown, D. Buckeridge, C. Chalk, S. Chevalier, H. Clarke, T. Coderre, R. Cote, J. Cox, A. De Pokomandy, L. Diatchenko, T. Duchaine, D. Dufort, E. Ehrensperger, K. Eppert, M. Fabian, S. Faria, L.E. Ferri, C. Goodyer, P. Goodyer, W.H. Gotlieb, I. Gupta, T.W. Gyorkos, A. Haidar, R. Hepple, V. Hirsh, L. Hoffman, M. Hunt, N. Jabado, F. Jafarian, A. Jahani-Asl, T. Janaudis-Ferreira, D. Jensen, L. Joseph, D. Juncker, M.T. Kaartinen, A. Khoutorsky, J. Kimmelman, I. King, S. Komarova, A. Koromilas, D. Labbé, A.-L. Lafontaine, L. Lands, J. Lapointe, A. LeBlanc, B. Lebouche, B. Lessard, B. Lo, C. Loiselle, S. Lubarsky, C.A. Mandato, K. Mann, M. Martel, M. Martin, P. Martineau, G. Matlashewski, B. Mazer, L. McCaffrey, C. McCusker, T. Mesplede, J. Minuk, T. Muanza, M. Nagano, J. Nalbantoglu, C.M. O'Flaherty, A. Orthwein, S. Owen, M. Pai, A. Pause, A. Philip, C. Piccirillo, C. Polychronakos, R. Postuma, S. Prakash, J. Rak, G. Rouleau, A. Ryan, S. Sabri, G.M. Sant Anna, A. Shapiro, R. Slim, N. Sonenberg, M. Szyf, B. Thombs, I. Topisirovic, M. Tremblay, G. Ursini-Siegel, M. Vanhuysse, D. Van Meyel, I. Vedel, M. Veilleux, L. Vieira, T. Vuong, M. Weber, M. Wilchesky, M. Witcher, J.H. Wu, S.D. Wurzbach, C. Xia, N. Ybarra, M. Zappitelli, G. Zogopoulos

**Adjunct Professors**

S. Abadir, S. Al Heialy, H. Al-Jahdali, M. Al Madi, A.S. Albanna, M.-C. Audelin, M. Avgil Tsadok, Z. Awan, S. Bacon, J. Bates, A.M. Bazin, C. Beaugard, G. Becker, F. Beland, B. Benzaquen, S. Bergeron, J. Biem, A.D. Bhargava, A. Brassard, E. Cassell, M. Cayouette, F. Charron, A.M. Clarfield, A. Clarke, E. Cohen, M. Cohen, T. Combs, M. Culty, J. Dahine, D. Dauphinee, C.F. Deschepper, J. Di Noia, D. Domanski, J. Drouin, T. Eguale, M.D. Eid, J. Estall, J. Fafard, D. Farge, M. Ferron, G. Fortier-Riberdy, N. Francis, F. Gaba Idiamy, E. Garbe, A. Ghavami, L.-P. Grenier, A.M. Grunbaum, H. Gu, G. Gupta, J. Gutkowska, P. Hamet, R. Hepple, D. Hipfner, A. Huang, M. Jenabian, P. Jolicoeur, A. Kania, O. Kherad, M. Kmita, T. Kus, J.P. Lavoie, E. Lecuyer, D. Lussier, L. Mallett, C. Martineau, T. Mavrakanas, D. Miao, M. Miller, T. Moroy, P. Nair, M.S. Nosair, C. Nudo, M. Oeffinger, V. Papadopoulos, Y. Peretz, H. Perrault, M. Prentki, M. Pugliatti, R. Rabasa-Lhoret, D. Rabinovitch, S. Restellini-Kherad, E. Racine, S. Rashed, M. Rosengarten, J.-F. Roux, M. Sandri, N. Seidah, Y. Skrobik, N. Srour, W.K. Suh, H. Takahashi, C. Tannenbaum, A. Trajman, M. Trudel, N.U. Truong, W. Tsang, J. Vacher, T. Vassilakopoulos, A. Veillette, A. Verma, C. Wu, C. Yeadon, S. Zari, J. Zwaagstra

## 6.17 Microbiology and Immunology

### 6.17.1 Location

Duff Medical Building  
3775 University Street, Room 511  
Montreal QC H3A 2B4  
Telephone: 514-398-7492  
Email: [office.microimm@mcgill.ca](mailto:office.microimm@mcgill.ca)  
Website: [www.mcgill.ca/microimm](http://www.mcgill.ca/microimm)

### 6.17.2 Core Courses

This Department contributes to the multidisciplinary curriculum components of Fundamentals of Medicine and Dentistry (FMD) and Clerkship components of the M.D.,C.M. program.

### 6.17.3 Other Courses

The Department offers a range of courses leading to the **Liberal/Majors/Honours B.Sc. in Microbiology & Immunology**, and the **Interdepartmental Honours Immunology** Program. The Department is also well-equipped for graduate research leading to the M.Sc. and Ph.D. degrees through a program that includes the multidisciplinary and trans-departmental *Microbiome and Disease Tolerance Centre* (MDTC) and access to cutting-edge research and technology. In addition, the Department offers courses that translate fundamental knowledge in Microbiology and Immunology to basic science, clinical, biotechnological, and public policy aspects of Infection and Immunity.

Please see the Faculty of Medicine's *Graduate and Postdoctoral Studies* section, and the Faculty of Science's *Undergraduate* section for more information.

### 6.17.4 Microbiology and Immunology Faculty

#### Interim Chair

G. Matlashewski

#### Emeritus Professors

N. Acheson, M. Baines, J.W. Coulton

#### Professors

J. Archambault; Ph.D.(Tor.)

A. Berghuis; M.Sc.(Rijks Univ. Groningen), Ph.D.(Br. Col.)

G.J. Matlashewski; B.Sc.(C'dia), Ph.D.(Ohio)

R.A. Murgita; B.Sc.(Maine), M.S.(Vermont), Ph.D.(McG.)

M. Olivier; B.Sc.(Montr.), Ph.D.(McG.)

C. Piccirillo; B.Sc., Ph.D.(McG.)

D. Sheppard; M.D.(Tor.)

M. Stevenson; M.Sc., Ph.D.(Catholic Univ. of Amer.)

#### Associate Professors

D.J. Briedis; B.A., M.D.(Johns Hop.)

B. Cousineau; B.Sc., M.Sc., Ph.D.(Montr.)

S. Fournier; Ph.D.(Montr.)

J. Fritz; Ph.D.(Vienna)

S. Gruenheid; B.Sc.(Br. Col.), Ph.D.(McG.)

G. T. Marczynski; B.Sc., Ph.D.(Ill.)

**Assistant Professors**

I. King; B.Sc.(Ohio St.), M.Sc.(Pitt. St.), Ph.D.(Roch.)

C. Krawczyk; Ph.D.(Tor.)

C. Maurice; M.S., Ph.D.(Montpellier II)

M. Richer; B.Sc.(McG.), M.Sc.(Montr.), Ph.D.(Br. Col.)

S. Sagan; B.Sc.(McG.), Ph.D.(Ott.)

**Associate Members**

*Epidemiology and Infectious Diseases:* M. Behr, A. Dascal, V. Loo

*Immunology, Autoimmunity, Host Defense:* J. Antel, M. Burnier, I. Colmegna, P. Gros, A. Kristof, J. Mandl, A. Orthwein, J. Rauch, M. Saleh, J. Spicer, C. Tsoukas, S. Vidal

*Immunology and Parasitology:* B. Brenner, M. Ndao, P. Rohrbach, B. Ward, J. Zhang

*Microbiology:* D. Cuong Vinh, M. Divangahi, C. Liang, D. Nguyen, M. Reed

*Molecular Biology:* N. Cermakian, S. Hussain, A. Jardim, A. Mouland, K. Pantopoulos, M. Tremblay, B. Turcotte, J. Xia

*Virology:* A. Gatignol, A.E. Koromilas, R. Lin, T. Mesplede, J. Teodoro

**Adjunct Professors**

A. Bar-Or

E. Cohen

A. Descoteaux

J.M. Di Noia

E. Emani

A. Finzi

N. Grandvaux

G. Kukulj

P. Lau

S. Lesage

S.L. Liu

J. Madrenas

R. Mouthih

C. Paradis-Bleau

A. Petronela

K. Pike

W-K. Suh

S. Tran

**6.18 Neurology and Neurosurgery****6.18.1 Location**

3801 University Street  
Montreal QC H3A 2B4  
Website: [neurology.mcgill.ca](http://neurology.mcgill.ca)

**Montreal Neurological Institute**  
3801 University Street

Montreal QC H3A 2B4  
Website: [www.mcgill.ca/neuro](http://www.mcgill.ca/neuro)

**Montreal General Hospital**  
1650 Cedar Avenue  
Montreal QC H3G 1A4  
Website: [muhc.ca/mgh/dashboard](http://muhc.ca/mgh/dashboard)

**Centre for Research in Neuroscience**  
1650 Cedar Avenue  
Montreal QC H3G 1A4  
Website: [www.mcgill.ca/crn](http://www.mcgill.ca/crn)

**Montreal Children's Hospital**  
1001 Decarie Boulevard  
Montreal QC H4A 3J1  
Website: [www.thechildren.com](http://www.thechildren.com)

**Jewish General Hospital**  
3755 Côte St. Catherine Road  
Montreal QC H3T 1E2  
Website: [www.jgh.ca](http://www.jgh.ca)

### 6.18.2 Core Courses

This Department contributes to the multidisciplinary curriculum components of Fundamentals of Medicine and Dentistry (FMD) and Transition to Clinical Practice (TCP) of the M.D.,C.M. program.

NEUR 301 – TCP Neurology

### 6.18.3 Electives

The Department provides electives for medical students. These are available at the Montreal Neurological Hospital, Montreal General Hospital, and Jewish General Hospital, Royal Victoria Hospital (Glen Site), and St-Mary's Hospital. See the [Elective Program](#) for elective opportunities.

### 6.18.4 Graduate Courses

See the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section.

### 6.18.5 Neurology and Neurosurgery Faculty

#### Chair

G. Rouleau

#### Neurologist-in-Chief and Associate Chair of the Department of Neurology and Neurosurgery

A.-L. Lafontaine

#### Neurosurgeon-in-Chief and Associate Chair of the Department of Neurology and Neurosurgery

K. Petrecca

#### Emeritus Professors

A. Aguayo, F. Andermann, G. Bertrand, G. Bray, S. Carbonetto, R. Del Maestro, M. Diksic, R.J. Dunn, P. Holland, D. Lawrence, A. Olivier, H. Pappius, M. Rasminsky, G. Tannenbaum, G. Watters

#### Professors, Post-Retirement

M. Aubé, R. Del Maestro, M. Diksic, M. Jones-Gotman, A. Oliver, M. Rasminsky, R.J. Riopelle, B. Rosenblatt, G. Tannenbaum



**Professors**

E. Andermann, J. Antel, D. Arnold, M. Avoli, S. Baillet, A. Bernasconi, C. Bourque, B. Brais, H. Chertkow, J.F. Cloutier, L. Collins, R. Côté, A. Dagher, S. David, J. Doyon, H. Durham, A. Evans, J.P. Farmer, L. Fellows, E. Fon, A. Fournier, S. Gauthier, J. Gotman, D. Guitton, E. Hamel, K. Hastings, B. Jones, T. Kennedy, A. LeBlanc, R. Leblanc, L. Levin, H. McBride, P. McPherson, B. Milner, G. Mohr, K. Murai, J. Nalbantoglu, C. Pack, M. Petrides, A. Ptito, Y. Rao, G. Rouleau, E. Ruthazer, A. Sadikot, H. Schipper, G. Sébire, P. Séguéla, M. Shevell, E. Shoubridge, W. Sossin, S. Stifani, D. Tampieri, A. Thiel, D. van Meyel, R. Zatorre

**Associate Professors**

B. Bedell, S. Bekhor, G. Bernard, J. Carlton, C. Chalk, B. Chen, E. de Villers Sidani, F. Dubeau, A. Genge, P. Giacomini, M.C. Guiot, R. Hoge, P. Kavan, D. Klein, N. Ladbon-Bernasconi, A.L. Lafontaine, Y. Lapierre, C. Melmed, J. Minuk, K. Moore, H. Paudel, K. Petrecca, R. Postuma, C. Poulin, D. Ragsdale, P. Rosa-Neto, R. Schondorf, A. Shmuel, J. Sjoström, D. Stellwagen, J. Teitelbaum, D. Trojan, L. Xiong, J. Zhang

**Assistant Professors**

R. Altman, M. Angle, G. Armstrong, J. Atkinson, B. Bernhardt, M.D.P. Cortes-Nino, R. Diaz, M.E. Dilenge, S. DiMaio, P. Dion, E. Djordjevic, R. Dudley, L. Durcan, T. Durcan, E. Ehrensperger, M. Elsabbagh, B. Frauscher, Z. Gan-Or, D. Gendron, J. Golan, B. Goulet, J. Hall, L. Healy, M.N. Hebert-Blouin, P. Huot, K. Hyde, E. Kobayashi, T. Kolivakis, L.M. Koski, A. Kostikov, J. Kovitz-Lensch, M. Laguë-Beauvais, M. Larose, M. Lechter, T.G. Leonard, B. Lo, S. Lubarsky, M. Maleki, J. Marcoux, G. Massarweh, R. Massie, A. Milnerwood, B. Mistic, F. Moore, A. Moussady, S. Narayanan, E. O'Ferrall, M. Oskoui, A. Peyrache, J.P. Poline, C. Renoux, D. Rudko, R. Saluja, C. Santaguida, A. Saveriano, M. Sidel, D. Sinclair, D. Sirhan, N. Spreng, M. Srour, T. Stroh, A. Suvrathan, V. Sziklas, C. Tardif, S. Trenholm, J. Van Raamsdonk, M. Sharp, M. Veilleux, L. Vieira, F. Wein, T. Wein, C. Xia, M. Ziller

**Lecturers**

S. Antel, D. Diorio, A. Gagnon, Y. Karam, K. Khalaf

**Associate Members**

C. Baker, C. Benkelfat, E. Bereza, V. Bohbot, D. Bowie, M. Brossard-Racine, A. Brunet, N. Cermakian, J. Chankowsky, T. Coderre, J. Crane, C. Cuello, K. Cullen, B. Debruille, R. Del Carpio, S. Ducharme, S. El Mestikawy, C. Flores-Parkman, J.P.A. Gratton, R. Gruber, R. Hess, D. Juncker, M. Kaminska, F.A. Kingdom, L. Lach, M. Lepage, M. Leyton, M. Meaney, C. Mindru, T. Muanza, K. Mullen, C. Paquette, B. Petrof, G. Plourde, J. Poirier, R. Quirion, J. Rochford, L. Srivastava, L. Stone, G. Turecki, S. Villeneuve, C.D. Walker, S. Williams, C. Wolfson, A. Zeitouni

**Adjunct Professors**

P. Barker, M. Beauchamp, E. Bell, V. Belzil, A. Buchan, F. Cendes, T.T. Dang-Vu, E. De Guise, G. DiCristo, R. DiRaddo, P. Drapeau, A.M. Edwards, A. Gjedde, B. Gomez-Mancilla, C. Grova, W.-D. Heiss, C. Kennard, C. Limperopoulos, P. Matthews, L. McKerracher, O.A. Monchi, Z. Nasreddine, T. Owens, L. Papa, I. Peretz, T. Peters, G. Pike, M. Ptito, D. Rabinovitch, E. Racine, A. Reader, M. Schoenwiesner, J.P. Soucy

**6.18.5.1 Montreal Neurological Institute Faculty****Director and Chair of the Department of Neurology and Neurosurgery**

G. Rouleau

**Neurologist-in-Chief and Associate Chair of the Department of Neurology and Neurosurgery**

A-L. Lafontaine

**Neurosurgeon-in-Chief and Associate Chair of the Department of Neurology and Neurosurgery**

K. Petrecca

**6.18.5.2 Montreal General Hospital Faculty****Neurologist-in-Chief**

C. Chalk

**Director, Neurotrauma Service**

M. Maleki

**6.18.5.3 Centre for Research in Neuroscience Faculty****Director**

K. Murai

**6.18.5.4 Montreal Children's Hospital Faculty****Director, Division of Pediatric Neurology**

G. Sébire

**Neurosurgeon-in-Chief**

J.-P. Farmer

**6.18.5.5 Jewish General Hospital Faculty****Neurologist-in-Chief**

J. Minuk

**Neurosurgeon-in-Chief**

J. Golan

---

**6.19 Obstetrics and Gynecology****6.19.1 Location**

McGill University Health Centre  
Royal Victoria Hospital – Glen Site  
Department of Obstetrics and Gynecology  
1001 Decarie Boulevard  
Montreal QC H4A 3J1  
Website: [www.mcgill.ca/obgyn](http://www.mcgill.ca/obgyn)

**6.19.2 Core Courses**

This Department contributes to all curriculum components of the M.D.,C.M. program.

OBGY 401 – Obstetrics and Gynecology Clerkship

**6.19.3 Electives**

The Department provides several electives for medical students. See the [Elective Program](#) for elective opportunities.

**6.19.4 Obstetrics and Gynecology Faculty****Chair**

Togas Tulandi

**Professors**

H. Clarke, A. Ferenczy, R. Gagnon, L. Gilbert, W. Gotlieb (*joint appt. with Oncology*), A. Papageorgiou (*joint appt. with Pediatrics*), B. Robaire (*joint appt. with Pharmacology and Therapeutics*), S.L. Tan, T. Tulandi

**Associate Professors**

H. Abenham, A. Ao, J. Arseneau (*joint appt. with Pathology*), O. Basso, A. Benjamin, R. Brown, W. Buckett, E.B. de Koos, D. Dufort, R. Farag, D. Faucher, P. Fournier, R. Hemmings, A.K. Joshi, S. Krishnamurthy, B. Lemieux, M. Martin, S. Meltzer (*joint appt. with Medicine*), P. Monnier, D. Morris (*joint appt. with Medicine*), M. Nagano, A. Naumova, R. Slim (*joint appt. with Human Genetics*)

**Assistant Professors**

A. Asswad, S. Bodmer-Roy, D. Cohen, I.M. Comeau, M. Dahan, E. Demirtas, A. El-Messidi, G.P. Gagné (*joint appt. with Family Medicine*), W. Goldsmith, A. Guilbert, H.S. Hum (*joint appt. with Family Medicine*), K. Jardon, D.A. Johansson, S. Klam, L.K. Koby, R.D. Koby, M. Larouche, S. Lau, J. Lefebvre, G. Luskey (*joint appt. with Family Medicine*), S. Macfarlane, J. Madar, A. Mallozzi, F. Mansour, L. Marcon, V. Marcoux, L.B. Merovitz, L. Miner, A. Mok, L. Monton, A.-M. Morency, T.V. Nguyen (*joint appt. with Psychiatry*), V. Ponette, S. Reinblatt, S. Salvador, S. Shams, R. Shear, J. Shine, J. Takefman, S. Tchervenkov, E. Walter, H.S. Weibel, X. Zeng, C. Ziegler

**Lecturers**

M. Arseneault, F. Blais, B. Bodmer, V. Bohemier, A. Climan, L. Dontigny, F. Engel, F. Faruqi, K. Feochari, A. Fichman, R. Fillion, A. Fortin, C. Fortin, R. Frydman, D. Garcia, S. Gaulin, I. Girard, M. Goyet, M. Hall, J.P. Hamel, E. Himaya, L. Johnson, J. Lalande, F. Lamb, N. Laporte, G. Mallouh, N. Mansour, C. Martins, A.A. Nedelchev, D. Saxon, L. Seropian, J. Shinder, V. Stuckey, J. Thomassin

**Associate Members**

F. Baltzer, W. Foulkes, E. Franco, R. Funnell, J.M. Laberge, T. Taketo, P. Zelkowitz

**Adjunct Professors**

A. Gervaise, E.F. Hamilton, G. Holzer, M. Leong, E. Suarathana

**Affiliate Member**

J. Solomon

**6.20 Oncology****6.20.1 Location**

Gerald Bronfman Department of Oncology  
5100 de Maisonneuve Blvd West, Suite 720  
Montreal QC H4A 3T2  
Website: [www.medicine.mcgill.ca/oncology](http://www.medicine.mcgill.ca/oncology)

**6.20.2 Core Courses**

This Department contributes to the multidisciplinary core content offered during the Fundamentals of Medicine and Dentistry (FMD) and Transition to Clinical Practice (TCP) and Clerkship components of the M.D.,C.M. program. During Clerkship, students will also have exposure to oncology clinic rotations during the Inpatient & Consultative Medicine & Surgery Block.

**6.20.3 Electives**

The Department provides several electives for medical students. See the [Elective Program](#) for elective opportunities.

**6.20.4 Oncology Faculty****Chair**

E. Franco

**Professors**

B. Abdulkarim, M. Alaoui-Jamali, A. Aprikian, G. Batist, N. Beauchemin, F. Bladou, C. Borchers, P. Brodt, R. Cohen, L. Ferri, W. Foulkes, E. Franco, C. Freeman, V. Giguère, L. Gilbert, P. Gold, P.H. Gordon, W. Gotlieb, C. Greenwood, V. Hirsh, T. Hutchinson, A. Koromilas, C. Loiselle, R. Margolese, S. Meterissian, W. Miller, A. Nepveu, L. Panasci, M. Park, J. Pelletier, M. Pollak, S. Richard, N. Sadeghi, J.P. Seuntjens, C. Shustik, L. Souhami, A. Spatz, M. Thirlwell, M. Tremblay, T. Vuong

**Associate Professors**

T. Alcindor, J. Asselah, S. Assouline, L. Azoulay, M. Basik, S. Caplan, P. Chaudhury, D. Cournoyer, S.L. Faria, M. Hier, I. Hings, N. Johnson, M. Katz, P. Kavan, P. Laneuville, A. Langleben, B. Lapointe, A.S. Liberman, A. Loutfi, K. Mann, M. Martin, L. McCaffrey, A. Meguerditchian, A. Peterson, J. Prchal, R. Rajan, Z. Rosberger, G. Shenouda, S. Solymoss, A. Towers, J. Ursini-Siegel, A. Vigano, M. Witcher, J.H. Wu, J. Zidulka

**Assistant Professors**

S. Abbasi Nejad Enger, S. Abish, J. Agulnik, J. Alfieri, R. Aloyz, S. D. Anderson, Aubin, M. Azoulay, B. Bahoric, G. Blake, M. Borod, N. Bouganim, J. Burnier, V. Cohen, F. Cury, R. Dalfen, M. David, J.A. Davidson, S. del Rincon, A. Derossis, S. Devic, M. Duclos, M. Evans, M. Fabian, C. Ferrario, M. Henry, T. Hijal, M. Hobson, A. Jahani-Asl, K. Jardon, J. Kildea, N. Kopek, C. Lambert, H. Laryea, S. Lau, M. Lecavalier-Barsoum, C. Legler, I. Levesque, D. Melnychuk, C. Mihalciou, E. J. Mitmaker, T. Muanza, S. Néron, M.T. Niazi, A. Orthwein, S. Owen, V. Panet-Raymond, W. Parker, F. Patenaude, H. Patrocinio, C. Pepe, M. Popovic, S. Sirhan, S. Skamene, B. Stein, D. Stern, G. Stroian, K. Sultanem, I. Topisirovic, F Tremblay, M. Vanhuysse, T. Vanounou, C.A. Vasilevsky, S. Weichenthal, N. Ybarra

**Lecturers**

R. Archambault, A. Carbonneau, P. Charghi, S. Ferland, D. Frechette, G. Huni, A. Khadoury, C. MacKinnon, E. Neamt

**Associate Members**

P. Allison, J. Arseneau, G. Bartlett-Esquillant, H. Bergman, J-F. Boileau, M. Burnier, S. Chevalier, B. Deschamps, N. Eliopoulos, J-P. Farmer, J. Feine, D. Fleiszer, P. Galiatsatos, Z-H. Gao, D. Ginsberg, M. Goldberg, P. Gros, N. Jabado, T. Jagoe, S. Jordan, A.C. Korner, K. Lawlor, K. Looper, M.E. Macdonald, C. Maheu, R. Michel, A. Mlynarek, J.L. Montes, B. Nicolau, L. Ofiara, M. Paliouras, R. Payne, K. Petrecca, S. Rabbani, J. Rak, U. Saragovi, M. Sebag, P. Siegel, R. Tabah, S. Tanguay, D. Thomson, P. Tonin, G. Tradounsky, A. Tsimicalis, R. Turcotte, D. Wan-Chow-Wah, B. Wang

**Adjunct Professors**

R-K. Agnihotram, A.E. Al Moustafa, N. Blais, A. Burchell, M. Chasen, F. Coutlee, I. Dumont, G. El-Baalbaki, I. El Naqa, B. Gagnon, M. Hassanain, S. Mahmud, A.G. Martin, M-H. Mayrand, B. Mofteh, G.B. Pike, S. Ratnam, D. Roberge, V. Sandor, A. Sarfehnia, T. Sullivan, A. Syme, J. Tota, H. Trottier

**6.21 Ophthalmology****6.21.1 Location**

5252 de Maisonneuve Boulevard West, 4th Floor  
Montreal QC H4A 3S5  
Website: [www.mcgill.ca/ophthalmology](http://www.mcgill.ca/ophthalmology)

**6.21.2 Core Courses**

OPHT 300 – TCP Ophthalmology

The Department of Ophthalmology gives sessions with particular emphasis on history-taking, diagnosis, and treatment of common eye problems, as well as instruction on how to use the ophthalmoscope and slit lamp microscope.

**6.21.3 Electives**

Electives are offered to Clerkship students at the Montreal General, Royal Victoria, Jewish General, and Montreal Children's Hospitals. Each student functions as a clinical clerk in the respective Eye Department. See the [Elective Program](#) for elective opportunities.

**6.21.4 Ophthalmology Faculty****Chair**

L. Levin

**Professors**

C. Baker, M.N. Burnier Jr., J. Deschenes, R.F. Hess, P. Lachapelle, F. Kingdom, L. Levin, K. Mullen

**Associate Professors**

P. Archambault, B. Arthurs, J. Chen, W.E.S. Connolly, C. Edelstein, M. Flanders, M. Gans, J.E.S. Gomolin, M. Kapusta, O. Kasner, A. Khan, R. Koenekoop, S. Lindley, J.M. Little, J. Mendola, O. Overbury, R. Polomeno, J. Rosen, N.E. Saheb, L. Solomon

**Assistant Professors**

D. Albert, R. Beneish, S. Callejo, J.P. Chartrand, D. Cheema, S. Cohen, M. Discepola, H. El-Saheb, R. Farivar, S. Fichman, J. Galic, A. Hafez, C. Kavalec, M. Mydlarski, M. Quigley, B. Silver, D. Toffoli, J.B. Waldron, A. Wallerstein, F. Wein, J. Wise

**Lecturers**

C. Ares, A. Coffey, S. Friedman, B. Kattleman, D. Kraus, H. Mihalovits, K. Nasr, K. Oliver, L. Robidas, D. Silver, C.R. Staudenmaier, E.D. Svarc

**6.22 Otolaryngology – Head and Neck Surgery****6.22.1 Location**

McGill University Health Centre – Glen Site  
1001 Décarie Blvd, Room D05.5711  
Montreal QC H4A 3J1  
Telephone: 514-843-2820  
Fax: 514-843-1403  
Website: [www.mcgill.ca/ent](http://www.mcgill.ca/ent)

**6.22.2 Core Courses**

This Department contributes to the multidisciplinary curriculum components of Fundamentals of Medicine and Dentistry (FMD), Transition to Clinical Practice (TCP), and Core Clerkship of the M.D.,C.M. program. Through a systematic approach of lectures and small group sessions, students will actively learn the principal diseases of the head and neck region (including the ears and nose), including the etiology, pathogenesis, presentation and management.

**6.22.3 Electives**

The Department also offers two- to four-week electives for students at the following three affiliated teaching hospitals: Royal Victoria Hospital and the Montreal Children's Hospital, both located at the Glen site, as well as the Jewish General Hospital. During these electives, students will learn the history-taking, physical examination of common disorders of the head and neck in an objective and structured fashion. Students will become part of the surgical team and be involved in the workup and management of their patients. See the [Elective Program](#) for elective opportunities.

**6.22.4 Graduate Courses**

See the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section.

**6.22.5 Otolaryngology – Head and Neck Surgery Faculty****Chair**

N. Sadeghi

**Graduate Program Director and Director of Research**

B. Segal

**Director of Residency Training Program**

K. Richardson

**Director of Head and Neck Oncology Program**

N. Sadeghi

**Director of Undergraduate Medical Education**

J. Young

**Director of Fellowship Training**

J. Rappaport

**Emeritus Professor****Professors**

S. Daniel; M.D.,C.M., M.Sc.(Otol.)(McG.), F.R.C.S.(C)

S. Frenkiel; B.Sc., M.D.,C.M.(McG.), F.R.C.S.(C)

A. Katsarkas; M.D.(Thess.), M.Sc.(Otol.)(McG.), F.R.C.S.(C)

K. Kost; M.D.,C.M.(McG.), F.R.C.S.(C)

N. Sadeghi; M.D.,C.M.(McG.), F.R.C.S.(C)

M.D. Schloss; M.D.(Br. Col.), F.R.C.S.(C)

**Associate Professors**

M. Desrosiers; M.D.(Montr.), F.R.C.S.(C)

N. Fanous; M.B., B.CH.(Cairo), F.R.C.S.(C)

W.R.J. Funnell; B.Eng., M.Eng., Ph.D.(McG.)

M. Hier; M.D.,C.M.(McG.), F.R.C.S.(C)

J. Manoukian; M.B., Ch.B.(Alex.), F.R.C.S.(C)

L. HP. Nguyen; M.D.,C.M.(McG.), M.Sc.(Otol.)(McG.), F.R.C.S.(C)

W.H. Novick; M.D.(Qu.), F.R.C.S.(C)

R. Payne; M.D.,C.M., M.Sc.(Otol.)(McG.), F.R.C.S.(C)

J. Rappaport; M.D.(Dal.), F.R.C.S.(C)

M. Samaha; M.D.(Qu.), M.Sc.(Otol.)(McG.), F.R.C.S.(C)

B. Segal; B.Sc., B.Eng., M.Eng., Ph.D.(McG.)

R.S. Shapiro; M.D.,C.M.(McG.), F.R.C.S.(C)

M. Tewfik; M.D.,C.M., M.Sc.(Otol.)(McG.), F.R.C.S.(C)

A.G. Zeitouni; M.D.(Sher.), M.Sc.(Otol.)(McG.), F.R.C.S.(C)

**Assistant Professors**

F. Chagnon; M.D.,C.M.(McG.), F.R.C.S.(C)

M. Duval; M.D.(Ott.), C.M., M.Sc.(Epid.)(Lond.), F.R.C.S.(C)

V.I. Forest; M.D., M.Sc.(Exp. Med.)(Laval), F.R.C.S.(C)

Y. Lacroix; M.D.(Laval), F.R.C.S.(C)

R. Lafleur; M.D.(Ott.), F.R.C.S.(C)

A. Lehmann; B.Sc.(Franche-Comté), M.Eng.(MINES ParisTech), M.Sc.(Paris VI), Ph.D.(Collège de France)

T. Mijovic; M.D.

A. Mlynarek; M.D.,C.M., M.Sc.(Otol.)(McG.), F.R.C.S.(C)

K. Richardson; M.D., F.R.C.S.(C)

J. Schwartz; M.D., F.R.C.S.(C)

G. Sejean; M.D.(Beirut), F.R.C.S.(C)

L. Tarantino; M.D.(Naples), F.R.C.S.(C)

S.D. Wurzba; D.D.S., M.Sc., Ph.D.

J. Yeung, M.D., F.R.C.S.(C)

J. Young; M.D.,C.M.(McG.), F.R.C.S.(C)

**Associate Members**

K. E. Cullen; Ph.D.(McG.)  
 H.L. Galiana; B.Eng., M.Eng., Ph.D.(McG.)  
 Q. Hamid; M.D.(Iraq), Ph.D.Med.(Lond.)  
 M. Henry; Ph.D.(UQAM)  
 N.Y.K. Li; B.Sc.(HK), M.Phil.(HK)  
 L. Mongeau; B.Sc., M.Sc.(Montr.), Ph.D.(Penn. St.)  
 M. Paliouras; B.Sc.(Hons.), M.S., Ph.D.  
 M. Sewitch; Ph.D.

**Lecturers**

C. Boucher; M.D.  
 R. Caouette; M.D.  
 A. Finesilver; M.D.,C.M.(McG.), F.R.C.S.(C)  
 O. Houle; M.D.  
 V. Iordanescu; M.D.  
 L. Monette; M.D.  
 J. Rothstein; M.D.,C.M.(McG.), F.R.C.S.(C)  
 R. Varshney; M.D., C.M., M.Sc., F.R.C.S.(C)  
 R. Ywakim; M.D., F.R.C.S.(C)

**Adjunct Professors**

L. Picard; M.D.(Montr.), F.R.C.S.(C)

**6.23 Pathology****6.23.1 Location****UGME Contact Information**

Dr. René Michel  
 MUHC – Glen Site  
 1001 Décarie Blvd., Rm. E04.4156  
 Montreal QC H4A 3J1  
 Telephone: 514-934-1934, ext. 38779  
 Fax: 514-934-8296  
 Email: [rene.michel@mcgill.ca](mailto:rene.michel@mcgill.ca)

**Science Undergraduate Education**

Prof. Edith Zorychta  
 Duff Medical Building  
 3775 University Street  
 Montreal QC H3A 2B4  
 Telephone: 514-398-7125  
 Email: [edith.zorychta@mcgill.ca](mailto:edith.zorychta@mcgill.ca)  
 Website: [www.mcgill.ca/pathology](http://www.mcgill.ca/pathology)

### 6.23.2 Core Courses

The teaching in Pathology is designed to provide a systematic coverage of the principal diseases or groups of diseases, including their etiology, pathogenesis, pathology, and pathophysiology. This is done with a combination of lectures and small group sessions, in conjunction and integrated with the other courses of the M.D.,C.M. program. Thus, the Department of Pathology contributes to the Fundamentals of Medicine and Dentistry (FMD) curriculum components of the M.D.,C.M. program.

### 6.23.3 Electives

The Department provides two- and four-week electives for medical students after completion of the FMD curriculum from Molecules to Global Health and to Reproduction and Sexuality courses. These are available at the MUHC Glen site, Jewish General Hospital, and St. Mary's Hospital. Please contact the Pathology Teaching Office at [pathologyteaching.med@mcgill.ca](mailto:pathologyteaching.med@mcgill.ca) for more information or see the [Electives Opportunities](#).

### 6.23.4 Other Courses

PATH 300 – Human Disease

The Department is well-equipped for graduate research leading to the M.Sc. and Ph.D. degrees and offers several graduate-level courses.

Please see the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section, and the Faculty of Science's [Undergraduate](#) section for more information.

### 6.23.5 Pathology Faculty

#### Chair

Z. Gao

#### Director of Graduate Program

E. Zorychta

#### Professors

M. Auger; M.D.,C.M.(McG.), F.R.C.P.(C)

M.N. Burnier Jr.; M.D., M.Sc., Ph.D.

A. Ferenczy; B.A., B.Sc., M.D.(Montr.)

R. Fraser; B.Sc., M.D.,C.M.(McG.), M.Sc.(Glas.), F.R.C.P.(C)

Z. Gao; M.D., M.Sc.(Qingdao), Ph.D.(Peking), F.R.C.P.(C)

D. Haegert; M.D.(Br. Col.), F.R.C.P.(C)

Q.A. Hamid; M.D.(Mosul), Ph.D.(Lond.) (*James McGill Professor*) (*joint appt. with Medicine*)

R.P. Michel; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C)

A. Spatz; M.Sc.(Paris XI), M.D.(Paris VI)

C.M. Telleria; Ph.D.(UNSL, Argentina)

#### Associate Professors

L. Alpert; M.D., Ph.D.(Tufts)

J. Arseneau; M.D.(Laval), F.R.C.P.(C)

C. Bernard; M.D.(Sher.), F.R.C.P.(C)

F. Brimo; M.D.(Damascus), F.R.C.P.(C)

S. Camilleri-Broët; M.D., Ph.D.(Paris VI)

B. Case; B.Sc., M.D.,C.M., M.Sc.(McG.), Dipl. Occ. Hyg., F.R.C.P.(C)

M.F. Chen; M.B., B.S.(Monash), F.R.C.P.(C)

M.-C. Guiot; B.Sc., M.D.(Bordeaux)

T. Haliotis; M.D.(Athens), Ph.D.(Qu.), F.R.C.P.(C)

V.A. Marcus; M.D.,C.M.(McG.), F.R.C.P.(C)



**Associate Professors**

R. Onerheim; M.D.(Alta.), F.R.C.P.(C)  
 M. Pelmus; M.D., Ph.D.(Carol Davila, Bucharest)  
 L. Rochon; M.D.(Sher.), F.R.C.P.(C)  
 I. Roy; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C)  
 A.K. Watters; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C)  
 E. Zorychta; B.Sc.(St. FX), M.Sc., Ph.D.(McG.)

**Assistant Professors**

O.E. Ajise; M.D., F.C.A.P., F.R.C.P.(C)  
 M. Alameldin; M.D.(Alexandria), F.R.C.P.(C)  
 S. Albrecht; M.D.(Sher.), F.R.C.P.(C)  
 O. Aleynikova; M.D.(Dal.), F.R.C.P.(C)  
 R. Amre; M.B.B.S.(KIMS), F.R.C.P.(C)  
 K. Bakdounes; M.D.(Damascus), F.R.C.P.(C)  
 M. Blumenkrantz; M.D.,C.M.(McG.), F.R.C.P.(C)  
 G.D. Brandao; M.D.(UFJF)  
 J Burnier; Ph.D.(McG.)  
 D. Caglar; M.D.(Gazi)  
 J. Chepovetsky; M.D.(Mount Sinai Sch. of Medicine, New York)  
 A. Florea; M.D.(Iuliu Ha ieganu)  
 L. Fu; M.D.,C.M.(McG.), M.Sc.(McG.), F.R.C.P.(C)  
 A. Gologan; M.D.(Carol Davila, Bucharest)  
 A. Gregorieff; B.Sc.(Laval), M.Sc.(McG.), Ph.D.(Utrecht)  
 S.-M. Jung; M.D.(Chonnam Nat.)  
 Y. Kanber; M.D.(Marmara)  
 J. Karamchandani; M.D.(Stan.)  
 J. Lavoie; B.Sc., M.Sc., Ph.D.(Laval)  
 H.R. Lopez-Valle; M.D.(Univ. Autonoma, San Luis Potosi)  
 A.T. Marcus; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C)  
 V.-H. Nguyen; M.D.(Montr.), F.R.C.P.(C)  
 A. Omeroglu; M.D.(Istanbul)  
 G. Omeroglu-Altinel; M.D.(Istanbul)  
 F. Razaghi; M.D.(Beheshti Univ. Medical Sciences, Tehran)  
 S. Sabri; Ph.D.(Paris VII)  
 S. Sandhu; M.B.,B.S.(N. Bengal Medical Coll.)  
 J. St. Cyr; M.D.,C.M.(McG.), F.R.C.P.(C)  
 H. Wang; M.D.(China), F.R.C.P.(C)

**Associate Members**

B. S. Abdulkarim; M.D., Ph.D.(Paris), F.R.C.P.(C)  
 C.J. Baglolle; M.Sc.(PEI), Ph.D.(Calg.)  
 P.J. Chauvin; M.Sc.(W.Ont.), D.D.S.(McG.)  
 M. Divangahi; Ph.D.(McG.)

**Associate Members**

S.N.A. Hussain; M.D.(Baghdad), Ph.D.(McG.)  
G.O.R. Arena; M.D., Chir.Vasc.(Catania), F.R.C.S.(C)  
N. Jabado; M.D.(Paris VI), Ph.D.(INSERM, Paris)  
W. Kassouf; M.D.,C.M.(McG.), F.R.C.S.(C)  
P. Metrakos; M.D.,C.M.(McG.), F.R.C.S.(C)  
V. Papadopoulos; Ph.D.(Paris VI)  
M. Park; Ph.D.(Glasgow), F.R.S.C.  
A. Schwertani; M.D.,C.M., Ph.D.(Lond.)

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**6.24 Pediatrics****6.24.1 Location**

McGill University Health Centre – Glen Site  
1001 Décarie Boulevard, B.RC.6358.1  
Montreal QC H4A 3J1  
Website: [www.mcgill.ca/peds](http://www.mcgill.ca/peds)

**6.24.2 Core Courses**

This Department contributes to all curriculum components of the M.D.,C.M. program.

PAED 301 – TCP Pediatrics

PAED 401 – Pediatrics Clerkship

**6.24.3 Electives**

The Department provides several electives for medical students. See the [Elective Program](#) for elective opportunities.

**6.24.4 Pediatrics Faculty****Chair**

M. Shevell

**Emeritus Professors**

F. Andermann, M. Belmonte, R. Brouillette, V. Der Kaloustian, K. Drummond, H. Guyda, F. Kaplan, I.B. Pless, C. Scriver, G. Tannenbaum, H. Tenenhouse, G. Watters

**Professors**

F. Bhanji, C. Freeman, P. Goodyer, R. Gottesman, L. Hechtman, N. Jabado, M. Kramer, L. Lands, S. Liben, B. Mazer, A. Papageorgiou, R. Platt, C. Polychronakos, P. Puligandla, J. Rak, F. Rauch, S. Razack, D. Rosenblatt, R. Rozen, E. Seidman, S. Shemie, M. Shevell, G. Sébire, J. Trasler, D. Withington

**Associate Professors**

R. Alizadehfar, L. Auger, F. Baltzer, I. Bank, M-J. Béland, L. Bell, M. Ben-Shoshan, G. Bernard, M. Bitzan, N. Braverman, D. Chalut, L. Chauvin-Kimoff, G. Chedeville, E. Constantin, A. Côté, A. Dancea, G. Di Meglio, G. Dougherty, A. Dubrovsky, D. Faucher, B. Foster, T.E. Francoeur, C. Goodyer, R. Gosselin, I. Gupta, R. Haber, L. Kovacs, P. Krisnamoorthy, C. Leblanc, D.G. Leduc, A.-M. MacLellan, L. Majewska, C. McCusker, J. McDonald, J. Mitchell, D. Moore, V. Morinville, D. Munz, F. Noya, M. Oskoui, H. Patel, G. Pেকেles, T. Perreault, L. Plotnick, C. Poulin, J. Rennick, C. Rohlicek, B. Rosenblatt, E. Rubin, L. Russell, A. Ryan, A. Sant'Anna, G. Sant'Anna, R. Scuccimarri, B. Whittemore, P. Wintermark, D. Zielinski

**Assistant Professors**

S. Abish, H. Agostino, N. Ahmed, G. Ahronheim, G. Altit, R. Barnes, J. Bartholomew, L. Beaumier, M. Beltempo, M. Berry, V. Bizgu, S. Blachman, M. Boutin, A. Bretholz, A. Brody, H. Bui, B. Burko, B. Burstein, S. Campillo, A.-M. Canakis, L. Cartier-Borys, M. Cavalle-Garrido, E. Couture, C. Cummings, A. Dadoun, M. Dandavino, A. Daoud, N. Dauletbayev, M. Decell, M. Desjardins, T. Di Genova, D. Diksic, M.-E. Dilenge, H. Eisman, K. Eppert, J. Erdstein, J.-M. Ferdinand, G. Ficara, G. Filion, P. Fontela, S. Forget, D. Friedman, S. Rodrigues Furtado, T. Gafoor, S. Ghosh, C. Goudie, A. Gorgos, A.-M. Gosselin, A.-M. Goyette, I. Greenstone, E. Hailu, F. Halal, P. Hedrei, C. Henin, S. Hussain, F. Jafarian, G. Julien, L. Jutras, E. Soos Kapusy, C. Karatzios, M. Khairy, E. Khalil, L. Koclas, L. Kopel, N. Korah, R. Lalonde, M.-A. Léfèbvre, G. Legault, L. Legault, C. Lejtenyi, D. Lévesque, P. Li, A. Lovett, S. MacDonald, R. Mandel, G. Mandich, D. Martens, E. Medoff, B. Miedzybrodzki, C. Millar, D. Mitchell, G. Morantz, J. Morel, K. Myers, M. Nakhla, K.-A. Nguyen, C. Nolin, N. Nouraeyan, F. Olivier, J. Ortenberg, C. Ouellet, N. Ouellette, N. Paice, J. Papenburg, R. Paquin, E. Pelausa, M. Pépin, C. Phi, H. Porras, R. Primavesi, D. Rabin, M. Ramsay, S. Rawal, C. Renaud, H. Rich, E. Ruano Cea, C. Sabapathy, K. Saylor, A.M. Sbrocchi, J. Séguin, W. Shalish, A. Shapiro, M. Shiller, K. Sigman, T. Sigman, E. Simard-Tremblay, M. Srour, J. Stankova, N. Stein, R. Sternszus, J. Stewart, A. Suvrathan, S. Treherne, O. Tse, J. Turnbull, S. Vaillancourt, C. Vézina, J. Von Ottingen, S. Waterson, D. Waxman, S. Woods, J. Yaremko, S. Zavalkoff

**Lecturers**

M. Allard, N. Audet, S. Bergeron, E. Chétrit, K. Clément, Y. Couture, M. Donlan, H. Fortin, S. Freeman, C. Gagné, T. Giannone, J. Hortop, S. Hotte, S. Jeanty, D. Kimia, D. King, A. Kukhta, A. Lafontaine, M.H. Landreville, J. Lavigne, P. Lawandi, D. Leduc, J. Lemonde, D. Loyer, S. Malaab, P. Marin, A. O'Gorman, A. Perello, M.-N. Primeau, S. Quansah, P. Rossy, K. Samaan, L. Samotis, E. Shahin, B. Zylbergold

**Associate Members**

M. Brossard-Racine, F. Carnevale, D. Collin-Vézina, S. Emil, I. Gagon, L. Lach, M.E. Macdonald, A. Majnemer, M. Malus, K. Maurer, R. Russell, D.K.S. Thomas

**Adjunct Professors**

A. Barbier, F. Dallaire, N. Graves, T. Lahiri, C. Larson, C. O'Beirne, V. Scholten, L.M. Segal, J. St-Pierre, M. Zappitelli

**6.25 Pharmacology and Therapeutics****6.25.1 Location**

McIntyre Medical Sciences Building  
3655 Promenade Sir-William-Osler, Room 1325  
Montreal QC H3G 1Y6  
Telephone: 514-398-3623  
Website: [www.mcgill.ca/pharma](http://www.mcgill.ca/pharma)

**6.25.2 About the Department of Pharmacology and Therapeutics**

The program of instruction in Pharmacology and Therapeutics is designed to provide a systematic coverage of the principles of drug action for the main classes of drugs, the factors that control and modify their effects, and the basis for selection and use of specific drugs in the treatment of disease.

**6.25.3 Core Courses**

This Department contributes to all curriculum components of the M.D.,C.M. program. Information on the curriculum can be found at [www.mcgill.ca/ugme/mdcm-curriculum-joint-programs](http://www.mcgill.ca/ugme/mdcm-curriculum-joint-programs).

**6.25.4 Other Courses**

The Department offers a range of different level courses on the principles of pharmacology and therapeutics with emphasis on the sites and mechanisms of action of drugs from whole body to molecular interactions. The compounds covered are representative of classes of drugs used in the treatment of human disease. These courses are available to students registered in the B.Sc. programs. The Department also offers a graduate program leading to the M.Sc. and Ph.D. degrees.

Please see the Faculty of Medicine's *Graduate and Postdoctoral Studies* section and the Faculty of Science's *Undergraduate* section for more information.

**6.25.5 Pharmacology and Therapeutics Faculty****Chair**

G. Multhaup

**Emeritus Professors**

R. Capek, H.H. Zingg

**Professors**

D. Bernard, D. Bowie, P.B.S. Clarke, A.C. Cuello, B. Hales, T. Hébert, D. Maysinger, A. McKinney, G. Multhaup, A. Ribeiro-da-Silva, B. Robaire, H.U. Saragovi, M. Szyf, J. Trasler

**Associate Professors**

J. Tanny

**Assistant Professors**

B. Castagner, M. McKeague, L. Münter, J.F. Trempe

**Associate Members**

M. Alaoui-Jamali, C. Baglole, L. Diatchenko, S. Gauthier, T. Geary, B. Jean-Claude, B. Kieffer, S. Kimmins, S. Laporte, N. Nattel, C. O'Flaherty, P. Rosa-Neto, S. Rousseau, L. Stone, M. Ware, E. Zorychta

**Adjunct Professors**

B. Allen, S. Chemtob, Y. De Koninck, J-S Joyal, T. Sanderson

**Affiliate Members**

M. Boucher, L. Breton, L. Garofalo, J. Gillard, J. Mancini, K. Meerovitch

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**6.26 Physiology****6.26.1 Location**

McIntyre Medical Sciences Building  
3655 Promenade Sir-William-Osler, Room 1021  
Montreal QC H3G 1Y6  
Telephone: 514-398-4316  
Website: [www.mcgill.ca/physiology](http://www.mcgill.ca/physiology)

**6.26.2 About the Department of Physiology**

Physiology has its roots in many of the basic sciences including biology, chemistry, mathematics, and physics, and overlaps with other biomedical sciences such as anatomy, biochemistry, microbiology & immunology, neurology, pathology, pharmacology, psychology, and biomedical engineering. Physiology is one of the prime contributors of basic scientific knowledge to the clinical medical sciences. Members of the Department of Physiology at McGill are engaged in studies dealing with molecules, single cells, or entire systems in a variety of vertebrates, including humans. A wide range of interest and expertise is represented, including:

- biomathematics;
- biophysics;
- cardiovascular;
- endocrinology;
- gastrointestinal and renal physiology;
- immunology;
- neurophysiology;
- the physiology of exercise;
- respiratory.

The Department also has a rich graduate research program leading to either the M.Sc. or the Ph.D. degree, and is a participant in McGill's M.D., C.M. & Ph.D. program.

Some faculty members have formal or informal links with the Departments of Mathematics and Statistics; Physics; Electrical and Computer Engineering; and Chemistry, and with clinical medical departments, reflecting and reinforcing the close ties between physiology and other disciplines.

Please see the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section, and the Faculty of Science's [Undergraduate](#) section for more information.

### 6.26.3 Physiology Faculty

#### Chair

John White

#### Graduate Program Director

Alvin Shrier

#### Emeritus Professors

Thomas M.S. Chang; B.Sc., M.D.,C.M., Ph.D.(McG.), F.R.C.P.(C)

Kresimir Krnjevic; O.C., B.Sc., Ph.D., M.B., Ch.B.(Edin.), F.R.S.C.

Wayne S. Lapp; M.S.A.(Tor.), Ph.D.(McG.)

Mortimer Levy; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C) (*joint appt with Medicine*)

George Mandl; B.Sc.(C'dia); Ph.D.(McG.)

Michael Mackey; B.A., Ph.D.(Wash.) (*Joseph Morley Professor of Physiology*)

Geoffrey Melvill Jones; B.A., M.A., M.B., B.Ch., M.D.(Cant.)

Joseph Milic-Emili; M.D.(Milan) (*joint appt with Medicine*)

Canio Polosa; M.D., Ph.D.(McG.)

Douglas G.D. Watt; M.D., Ph.D.(McG.)

#### Professors

Maurice Chacron; Ph.D.(Ott.)

Monroe W. Cohen; B.Sc., Ph.D.(McG.)

Ellis J. Cooper; B.Eng.(Sir G. Wms.), M.Sc.(Surr.), Ph.D.(McM.)

Leon Glass; B.S.(Brooklyn), Ph.D.(Chic.) (*Rosenfeld Professor of Medicine*) (*joint appt. with Medicine*)

Phil Gold; C.C., B.Sc., M.Sc., Ph.D., M.D.,C.M.(McG.), F.R.C.P.(C), F.R.S.C. (*Douglas G. Cameron Professor of Medicine*) (*joint appt. with Medicine*)

John Hanrahan; Ph.D.(Br. Col.)

David Goltzman; B.Sc., M.D.,C.M.(McG.) (*Antoine G. Massabki Professor of Medicine*) (*joint appt. with Medicine*)

Gergely Lukacs; M.D., Ph.D.(Budapest)

Sheldon Magder; M.D.(Tor.) (*joint appt. with Medicine*)

Jacopo P. Mortola; M.D.(Milan)

John Orłowski; B.Sc.(McG.), M.Sc., Ph.D.(Qu.) (*James McGill Professor*)

Premysl Ponka; M.D., Ph.D.(Prague) (*joint appt. with Medicine*)

Alvin Shrier; B.Sc.(C'dia), Ph.D.(Dal.) (*Hosmer Professor of Physiology*)

John White; B.Sc., M.Sc.(Car.), Ph.D.(Harv.) (*joint appt. with Medicine*)

#### Associate Professors

Erik Cook; Ph.D.(Baylor Coll., Tx)

Mladen Glavinovic; B.Sc.(Zagreb), M.Sc.(Tor.), Ph.D.(McG.)

Michael Guevara; Ph.D.(McG.)

Russell Jones; Ph.D.(Tor.)

Ursula Stochaj; Ph.D.(Cologne)

#### Associate Professor (Part-time)

Nicole Bernard; B.Sc.(McG.), Ph.D.(Duke)

**Assistant Professors**

Claire Brown; B.Sc.(St. Mary's), Ph.D.(W. Ont.)

Gil Bub; B.Sc., Ph.D.(McG.)

Anmar Khadra; B.Sc.(C'dia), M.Sc., Ph.D.(Wat.)

Connie Krawczyk; B.Sc.(Guelph), Ph.D.(Tor.) (*joint appt. with Microbiology & Immunology*)

Arjun Krishnaswamy; B.Sc. Ph.D.(McG.)

Judith Natalia Mandl; B.Sc.(Warw.), Ph.D.(Emory)

Anastasia Nijnik; M.Biochem., Ph.D.(Oxf.)

Masha Prager-Khoutorsky; B.Sc., Ph.D.(Hebrew)

Daniela Quail; B.Sc., Ph.D.(W.Ont.)

Reza Sharif-Naeini; B.Sc.(Montr.), M.Sc., Ph.D.(McG.)

Melissa Vollrath; B.Sc.(Wisc.), Ph.D. (Baylor Coll., Houston)

**Associate Members**

*Anaesthesia:* Steven Backman

*Biomedical Engineering:* Robert Kearney, Satya Prakash

*Biomedical Ethics:* Jennifer Fishman

*Kinesiology and Physical Education:* Dilson Rassier

*Mathematics:* Anthony Humphries

*Medicine:* Nicole Bernard, Volker Blank, Mark Blostein, Andrey Cybulsky, Geoffrey Hendy, Louise Larose, Anne-Marie Lauzon, Serge Lemay, James Martin, Barry Posner, Shafaat Rabbani, Simon Rousseau, Mary Stevenson, Tomoko Takano, Elena Torban, Simon Wing

*Microbiology and Immunology:* Jörg Fritz

*Neurology and Neurosurgery:* Jack Antel, Massimo Avoli, Daniel Guitton, Christopher Pack, David Ragsdale, Ed Ruthazer, Amir Shmuel, Jesper Sjöström

*Ophthalmology:* Curtis Baker

*Otolaryngology:* Bernard Segal

*Pediatrics:* Charles Rohlicek

*Pharmacology and Therapeutics:* Daniel Bernard, Terence Hebert

*Psychiatry:* Nicolas Cermakian

*Research in Neuroscience:* Charles Bourque, Sal. T. Carbonetto

**Adjunct Professors**

K. Cullen, P. Haghighi, J. Martinez-Trujillo

**Associate Professor Post-Retirement**

Ann Wechsler; B.A.(Tor.), M.Sc., Ph.D.(McG.)

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**6.27 Psychiatry****6.27.1 Location**

1033 Pine Avenue West

Montreal QC H3A 1A1

Website: [www.mcgill.ca/psychiatry](http://www.mcgill.ca/psychiatry)

### 6.27.2 Core Courses

This Department contributes to the multidisciplinary curriculum components of the M.D.,C.M. program (Fundamentals of Medicine and Dentistry, Transition to Clinical Practice, Core & Senior Clerkship).

PSYT 401 – Psychiatry Clerkship

### 6.27.3 Electives

The Department provides several electives for medical students. See the [Elective Program](#) for elective opportunities.

### 6.27.4 Graduate Courses

For information regarding courses leading to the M.Sc. degree in Psychiatry, see the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section.

### 6.27.5 Psychiatry Faculty

#### Chair

G. Turecki

#### Director of Graduate Program

N. Mechawar

#### Emeritus Professors

F. Abbott; B.Sc.(McM.), M.Sc., Ph.D.(McG.)

L. Annable; B.Sc.(Liv.), Dipl. in Stat.(Edin.)

M.K. Birmingham; B.A.(Bennington), M.Sc., Ph.D.(McG.)

F. Engelsmann

N. Frasure-Smith; B.A. Ph.D.(Johns Hop.)

A. M. Ghadirian

C. Gianoulakis; Ph.D.

H. A. Guttmann; M.D.

J.C. Negrete; M.D., Dip.Psych.

G. Pinard, M.D.

S. Young

#### Professors

C. Benkelfat; M.D.(Rabat) (*James McGill Professor*)

D. Boivin; Ph.D.(Montr.)

P. Boksa; B.Sc., Ph.D.(McG.)

M. Bond; B.Sc., M.D.,C.M.(McG.)

J. Breitner; B.A.(Harv.), M.P.H.(Johns Hop.), M.D.(Penn.)

A. Brunet; Ph.D.(Montr.)

N. Cermakian; B.Sc.(UQTR), M.Sc., Ph.D.(Montr.)

M. Cole; B.Sc., M.D.,C.M.(McG.)

S. El Mestikawy; Ph.D.(Paris VI)

M.-J. Fleury; M.A., Ph.D.(Montr.)

C. Flores; B.Sc., M.A., Ph.D.(C'dia)

S. Gauthier; B.A., M.D.(Montr.)

**Professors**

B. Giros; M.Sc., Ph.D.(Paris VI)

A. Gratton; Ph.D.(C'dia)

J. Guzder; B.Sc., M.D.,C.M., F.R.C.P.

L.T. Hechtman; B.Sc., M.D.,C.M.(McG.)

R. Joobar; M.D.(Tunisia), Ph.D.(McG.)

B. Kieffer; Ph.D.(Strasbourg)

S. King; Ph.D.(Virg.)

L.J. Kirmayer; B.Sc., M.D.,C.M., Dipl.Psych.(McG.) (*James McGill Professor*)

E. Latimer; B.A.Sc.(Wat.), M.S., Ph.D.(Carn. Mell)

M. Lepage; B.A.(C'dia), Ph.D.(UQAM)

M. Leyton; Ph.D.(C'dia) (*William Dawson Scholar*)

G. Luheshi; Ph.D.(Newcastle, UK)

A. Malla; M.B.B.S.(Panjab)

M.J. Meaney; B.A.(Loyola), M.A., Ph.D.(C'dia) (*James McGill Professor*)

V.N.P. Nair; M.B., B.S.(Kerala), D.P.M.(Mys.)

R. Palmour; B.A., Ph.D.(Texas)

J. Paris; M.D.,C.M.(McG.)

J.C. Perry; M.D.(Duke)

R.O. Pihl; B.A.(Lawrence), Ph.D.(Ariz.) (*Psychology*)

J. Poirier; Ph.D.(Montr.)

R. Quirion; M.Sc., Ph.D.(Sher.)

C. Rousseau; M.Sc.(McG.), M.D.,C.M.(Sher.)

L.K. Srivastava; B.Sc., M.Sc.(Allahabad), Ph.D.(J. Nehru)

H. Steiger; Ph.D.(McG.)

B. Thombs; B.A.(N'western), M.A.(Ariz.), Ph.D.(NYU)

G. Turecki; M.Sc., M.D.,C.M., Ph.D.(McG.) (*William Dawson Scholar*)

C.-D. Walker; B.Sc., Ph.D.(Geneva)

A. Young; B.A., M.A., Ph.D.(Penn.)

**Associate Professors**

J. Armony; B.Sc.(Buenos Aires), M.Sc., Ph.D.(NYU)

P. Assalian; Dip.Psychol.(McG.), M.B.,Ch.B.(Cairo)

S. Beaulieu; M.D./Ph.D.(Laval)

M. Berlim; M.Med., M.D.(Rio Grande do Sul)

V. Bohbot; B.A.(McG.), M.A., Ph.D.(Ariz.)

M.J. Brouillette; M.D.,C.M.(Sher.)

J. Caron; B.A., M.A.(Moncton), Ph.D.(UQAM)

N. Casacalenda; M.D.(Sher.), F.R.C.P.

E. Chachamovich; M.D.(Rio Grande do Sul), Ph.D.(Edin.)

D. Charney; M.D.,C.M.(McG.)

J.B. Debrulle; M.D.(Paris XI), Ph.D.(Paris VI)

D. Dunkley; B.Sc.(Tor.), Ph.D.(McG.)



**Associate Professors**

F. Elgar; M.Sc.(Nfld.), Ph.D.(Dal.)

P. Étienne; M.D.(Liege)

C. Fichten; B.Sc.(McG.), M.Sc.(C'dia), Ph.D.(McG.)

D. Frank; Dip.Psychol., M.D.,C.M.(McG.)

R. I. Fraser; M.D.(Dal.)

G. Galbaud du Fort; M.D., Ph.D.(Paris) (*joint appt. with Epidemiology and Biostatistics*)

K.G. Gill; B.Sc.(Br. Col.), M.A., Ph.D.(C'dia)

G. Gobbi; M.D.(Rome), Ph.D.(Cagliari)

I. Gold; Ph.D.(Princ.)

A. Granich; M.D.(McG.), F.R.C.P.

B. Greenfield; M.D.(Wash.)

N. Grizenko; M.D.,C.M.(Sher.)

D. Groleau; B.Sc., M.Sc., Ph.D.(Montr.)

R. Gruber; B.A., M.S., Ph.D.(Tel Aviv)

K. Igartua; M.D.,C.M. F.R.C.P.(C)(McG.)

M. Israël; B.Sc., Gr.Dip.Psych.(McG.), M.A.(Qu.), M.D.,C.M.(McG.)

E. Jarvis; M.D.(Alta.), M.Sc.(McG.), F.R.C.P.

T. Kolivakis; M.D.(Athens)

M. Lalinec-Michaud; B.A., M.D.,C.M.(Paris IV)

K. Looper; B.Sc., M.D.(Ott.), M.Sc.(McG.)

O. Mantere; M.D.(Helsinki)

H. C. Margolese; M.D.(McG.), C.M., M.Sc.

N. Mechawar; B.Sc., M.Sc., Ph.D.(Montr.)

R. Montoro; M.D.,C.M., M.Sc., F.R.C.P.(C)

G. Myhr; M.D.,C.M., M.Sc.(McG.)

L. Nadeau; M.D.(Montr.)

J. Naiman; B.A., M.D.,C.M.(McG.)

J. Palacios-Boix; M.D., F.R.C.P.(C)

J. Pecknold; B.Sc.(C'dia), M.D.,C.M.(McG.)

M. Perreault; Ph.D.(Montr.)

A. Propst; B.Sc., Dip.Psychol., M.D.,C.M.(McG.)

M.N. Rajah; B.Sc., M.A., Ph.D.(Tor.)

R.A. Ramsay; B.Sc., Gr.Dip.Psychiat., M.D.,C.M.(McG.)

A. Raz; M.Sc., Ph.D.(Hebrew)

J. Renaud; M.Sc., M.D.(Montr.)

S. Renaud; M.D.(Laval)

B.M. Robertson; Dip.Psychol.(McG.), M.B.,Ch.B.(Otago)

J. Rochford; M.A.(Qu.), Ph.D.(C'dia)

P. Rosa; M.D.(Rio Grande do Sul), Ph.D.(Aarhus)

Z. Rosberger; Ph.D.(C'dia)

M. Ruiz Casares Yebenes; Ph.D.(Cornell)

R. Russell; M.D.(McG.)

**Associate Professors**

N. Schmitz; Dipl., Ph.D.(Univ. Dortmund)  
S. Singh; M.D.(Calg.), F.R.C.P.  
D. Sookman; B.A.(McG.), M.A.(Guelph), Ph.D.(C'dia)  
W. Steiner; M.D.,C.M.(McG.)  
F.K. Storch; M.Sc.(Munich); Ph.D.(Max Planck Inst. Biochem.)  
B. Suranyi-Cadotte; B.Sc., M.Sc.(McG.), M.D.,C.M.(Montpellier)  
A. Wazana; B.A.(McM.), M.Sc.(Col.), M.Sc.(McG.), M.D.(McM.)  
S. Williams; Ph.D.(Montr.)  
G. Wiviott; B.Sc.(Wisc.), Gr.Dip.Psychiat.(McG.), M.D.,C.M.(NYU)  
T.P. Wong; B.Sc., M.Ph.(HK), Ph.D.(McG.)  
P. Zelkowitz; Ph.D.(McG.)  
M. Zoccolillo; B.Sc.(New Orleans), M.D.(Norfolk)

**Assistant Professors**

L. Amirali; M.D.(Athens)  
D. Awad; M.D.(Montr.)  
S.M. Bailes; Ph.D.(C'dia)  
P. Bajsarowicz; M.D.(McG.), F.R.C.P.(C)  
E. Banon; M.D.,C.M.(McG.)  
M. Barbarosie; M.D., Ph.D.(Montr.)  
L. Beauclair; B.Sc., M.D.(Laval)  
C. Benerakis; Gr.Dip.Psychiat.(McG.), M.D.(Trin. Coll.,Tor.)  
R. Biskin; M.D., M.Sc.(McG.)  
P. Bleau; B.Sc., Gr.Dip.Psychiat., M.D.,C.M.(Sher.)  
D. Bloom; B.Sc.(Regina), M.D.(Qu.)  
M. Boily; B.Sc., M.D.(Laval)  
J. Bond; M.D.(Laval)  
F. Bourque; M.D.(Laval), Ph.D.(KCNS)  
I. Bradley; M.Sc.(Tor.), Ph.D.(Wat.)  
M. Brandon; Ph.D.(Boston)  
T.G. Brown; Ph.D.(C'dia)  
A. Bucatel; M.D.(Nicolae Testemitanu St. Univ. of Med. and Pharm.)  
J. Canfield; B.A.(New Br.), M.D.,C.M.(Dal.)  
P. Cervantes; Dip.Psychol.(McG.), M.D.,C.M.(UAEM)  
M. Chakavarty; Ph.D.(McG.)  
M. Chammas; M.D.  
R.M.E. Chenard-Soucy; M.D.(Montr.)  
S. Choudhury; Ph.D.(Univ. Coll. Lond.)  
P. Cote; B.A.(Laval), M.D.,C.M.(Laval/Ott.)  
L. Creti; Ph.D.(C'dia)  
H. Cvejic; M.D.(NUI)  
L. Dabby; M.D.(Tor.)

**Assistant Professors**

M.E. Davis; Dip.Psychol., M.D.,C.M.(McG.)  
P. Des Rosiers; M.D.(Sher.)  
R. Desautels; B.Sc., M.D.,C.M.(McG.)  
J. Desmarais; M.D.,C.M.(McG.)  
M. Di Tomasso; M.D.(McG.)  
J. Dornik; M.D.(McG.)  
S. Ducharme; M.D.(Montr.)  
H. Dymetryszyn; Ph.D.  
M. Elie; B.Sc., M.D.,C.M.(McG.)  
C.P. Ernst; B.Sc.(McG.), M.Sc.(Br. Col.), Ph.D.(McG.)  
J. Errunza; M.D.(McG.)  
K. Faridi; M.D.(Calg.)  
K. Fathalli; M.D.(Tunis)  
A. Fielding; M.D.,C.M.(McG.)  
E. Foley; B.Sc.(Tor.)  
J. Friedland; M.D.(Calg.)  
G. Gagnon  
M. Gauthier; M.D.,C.M.(Montr.)  
K. Geagea; M.D.,C.M.(SJU)  
M.-C. Geoffroy; Ph.D.(Montr.)  
J. Glass; B.A.(Boston), M.D.,C.M.(McG.)  
K. Goddard; M.D.,C.M.(Manit.)  
M. Grignon; B.A.(Montr./Ott.), M.A.(Ott.)  
P. Habib; M.D.(Beirut Med. Sch.)  
M. Habra; B.A.(McG.), M.A., Ph.D.(Br. Col.)  
B. Hayton; B.A.(Williams), M.D.,C.M.(McG.)  
L. Hoffman; M.D.(McG.)  
F. Ianni; B.Sc.(McG.), M.D.,C.M.(Montr.)  
H. Iskandar; Dip.Psychol.(McG.), M.B.,Ch.B.(Alexandria)  
S. Iyer; M.A.(Mumbai), Ph.D.(Nebraska–Lincoln)  
C. Jolicoeur; M.D.,C.M.(Laval)  
J. Joly; M.D.,C.M.(McG.)  
M. Kapuscinska; M.D.,C.M.(Medical U. Gdansk)  
S. Karama; Ph.D.(Montr.)  
F. Key  
M. Koch; M.D.(McM.)  
T. Kolivakis; M.D.(Athens)  
R. Kronick; M.D.(McG.)  
R. Kuyumjian; M.D.,C.M.(McG.)  
P. Lageix; B.Sc., M.D.,C.M.(Paris IV)  
S. Lamarre; B.A., M.D.,C.M.(Laval)  
M. Laporta; Dip.Psychol., M.D.,C.M.(McG.)

**Assistant Professors**

L. Laporte; B.A.(McG.), M.Psychol., Ph.D.(Montr.)  
M. Larose; M.D.(Laval)  
M. Lashley; Ph.D.(McG.)  
J.D. Leccia; M.D.(Provence Aix-Marseille)  
E. Levy; Gr.Dip.Psychiat.(McG.), M.Ed.(Sher.)  
E. Libman; B.A., M.Sc., Ph.D.(McG.)  
E. Lizondo; M.D.,C.M.(Nat. Univ. Central Buenos Aires)  
G.L. Low; B.A.(Qu.), Dip.Psychol.(McG.), M.D.,C.M.(Ott.)  
N.C.P. Low; M.D., M.Sc.(McG.)  
W. Ma; M.D., M.Sc.(Tongji), Ph.D.(McG.)  
S. K. Margolese; Ph.D.  
R. Martins; Ph.D.(Montr.)  
N. Masrouha; M.D.(Sher.)  
T. Measham; B.Sc., M.D.(McG.)  
X. Meng; Ph.D.  
M. Messier; B.A.(Montr.), M.B.A.(HEC)  
G. Meterissian; Gr.Dip.Psychiat.(McG.), M.D.,C.M.(Montr.)  
T.M. Milroy; B.Sc., M.D.,C.M.(Md.), Gr. Dip. Psychiat.(McG.)  
M. Miresco; M.D.,C.M.(McG.)  
F. Nazlie; M.D.  
J.P. Near; Ph.D.(W. Ont.)  
T. V. Nguyen; M.D.  
K. O'Donnell; Ph.D.(Imp. Coll. Lon.)  
J.A. O'Neil; B.A.(C'dia), Dip.Psychol., M.D.,C.M.(McG.)  
M.A. Ouimet; D.M.D.(Sher.), Gr.Dip.Psychiat.(McG.)  
M. Piat; Ph.D.(Laval)  
L. Pinard; M.D.(Montr.), F.R.C.P.(C)  
Z. Prelevic; Dip.Psychol.(McG.), M.D.,C.M.(Belgrade)  
A. Propst; M.D.  
M. Rabinovitch; B.Sc., M.D.,C.M.(McG.)  
S. Rej; M.D., M.Sc.(McG.)  
S.B. Rosenbloom; B.A.(C'dia), M.A.(York)  
C. Roy; B.Sc.(McG.), M.D.,C.M.(Dal.)  
J. Russell; Ph.D.(McG.)  
T. Said; B.Sc.(McG.), M.D.,C.M.(Sher.)  
H. Schwartz; M.D.(McG.)  
M. Segal; B.A.(C'dia), B.Sc.(O.T.)(McG.), M.D.,C.M.(Ott.)  
J. Seguin; B.A., B.Sc., M.D.,C.M.(Ott.)  
T. Semeniuk; B.Sc., M.Ed., M.D.,C.M.(Alta.)  
J. Shah; M.Sc.(Lond.), M.D.(Tor.)  
O. Sidhom; M.D.  
M. Sigman; B.A.(McG.), M.A., Ph.D.(C'dia)

**Assistant Professors**

P.P. Silveira; M.D., Ph.D.  
 I. Spector; B.A.(McG.), M.Sc., Ph.D.(Syrac.)  
 K.A. Steger; M.D., Ph.D.(Texas, Southwest. Med. Cent.)  
 L. Stern; M.D.(McG.)  
 A. St-Hilaire; M.Sc.(McG.), Ph.D.(Ohio)  
 M. St-Laurent; M.D.(Montr.)  
 N. Szkrumelak; B.Sc., M.D.,C.M.(McG.)  
 K. Tabbane; M.D., Ph.D.(Tunisia)  
 M. Temple; M.D.  
 P. Tetreault; M.D.,C.M.(Sher.)  
 L. Thaler; Ph.D.(Nevada)  
 L. Tourian; M.D.(McG.)  
 A. Traicu; M.D.(McG.)  
 J. Tremblay; B.A.(Montr.), M.Sc.(McG.), M.D.,C.M.(Montr.)  
 F. van den Eynde; M.A.(Florence), Ph.D.(King's College), M.D.(Ghent)  
 S. Vida; B.Sc.(Ott.), M.D.,C.M.(McG.)  
 S. Villeneuve; Ph.D.(Montr.)  
 J. Vogel; M.D.,C.M.(Manit.)  
 R. Whitley; B.S., M.S., Ph.D.(Lond.)  
 A. Wilner; B.A., M.D.,C.M.(McG.)  
 M.A. Wolf; M.Sc., M.D.,C.M.(Strasbourg)  
 Y. Wolf; M.D.(McG.)  
 G. Zahirney; M.D.(McG.)  
 T. Y. Zhang; Ph.D.(McG.)  
 V. Zicherman; B.Sc., M.D.,C.M.(McG.)  
 D. Zigman; M.D.(McG.)  
 E. Zikos; M.D.(Montr.)

**Lecturers**

F. Amdiss, A.D. Basque, N. Beauchemin, T. Bedrossian, J.F. Belair, F. Bensaada, I. Blais, C. Blake, M. Boisvert, C.M.J. Brebion, E. Casimir, E. Cauchois, P. Chan, M.B. Cotfas, M. Coward, M.H.N. Dinh, H.C. Dube, J.A. Farquhar, H. Goldhaar, C. Hamel, P. Harden, J. Harvey, M. Heyman, H.G. Jean-Francois, D. Kunin, N. Kuperstok, R.A. Labonte, P. Lamoureux, S. Mauger, V. Mbekou, D. Michaud, D.F.S. Monti, K. Myron, J.P. O'Donnell, R. Orenman, R. Payeur, L. Peters, M. Pickles, G. Pierre-Louis, M. Quintal, K. Richter, D.T. Rochon, A. Ross-Chouinard, A. Schiavetto, V. Tagalakis, F.C. Toma, O. Triffault, S. Wisebord, D. Zack, C.H.A. Zarowsky

**Associate Members**

R.C. Bagot, S. Bond, J.L. Derevensky, M. Drapeau, A. Evans, L. McVey, T. Montreuil, G. O'Driscoll, J. I. Trakadis, D. Zuroff

**Adjunct Professors**

M. Alda, P. Blier, L. Booij, W. Brender, A. Daigneault, A. Duffy, D. Fikretoglu, R. Fugere, A. Gagnon, J.-M. Guile, F. Jollant, V. Kovess-Masfety, A. Lesage, F. Lesperance, S. J. Lloyd, A. Maccordick, T. Ngo-Minh, J. Pruessner, M. Pruessner, S. Richard-Devantoy, A. Ryder, S. Sultan, C. Tranulis, P. Vitali

**Post-Retirement**

D. P. Dastoor, J. P. Ellman

## 6.28 Rosalind and Morris Goodman Cancer Research Centre

### The Rosalind and Morris Goodman Cancer Research Centre

1160 Pine Avenue West, Room 602  
Montreal QC H3A 1A3  
Telephone: 514-398-3535  
Website: [www.mcgillgcrcc.com](http://www.mcgillgcrcc.com)

The Rosalind and Morris Goodman Cancer Research Centre (GCRC) conducts internationally recognized fundamental and translational research in all areas of cancer. These research activities contribute to:

1. improving the molecular understanding of cancer;
2. improving disease management;
3. training the next generation of cancer researchers; and
4. conveying the importance of cancer research to the community.

The fundamental research approach adopted by the Centre is focused on better understanding the mechanisms involved in cancer initiation and progression and the pressing need to identify targets for clinical drug development. The research model involves identifying priority themes and establishing a critical mass of expertise within each theme. These themes include Breast Cancer, Metabolism and Cancer, Stem Cells and Signaling, DNA Damage Response, and Embryonic Development and Cancer.

The GCRC has adopted a proactive and innovative approach to training the next generation of cancer researchers. In conjunction with the *Experimental Medicine* graduate program, the GCRC has implemented a specialized program, which is called the “Oncology Stream”. This program was conceived to give trainees the opportunity to acquire an integrated and broader perspective of basic and clinical research as it relates to cancer. Among other cancer-related courses, the students take a mandatory course: EXMD 635D1/EXMD 635D2 – Experimental/Clinical Oncology. This comprehensive course was created to expose trainees to a spectrum of different cancers, with topics ranging from diagnosis to current treatment and future drug development.

### 6.28.1 Rosalind and Morris Goodman Cancer Research Centre Faculty

#### Professor and Director

M. Park

#### Full Members

N. Beauchemin, M. Bouchard, T. Duchaine, A. Fuks, I. Gallouzi, V. Giguère, P. Gros, S. Huang, R. Jones, L. Kazak, L. McCaffrey, W. Muller, A. Nepveu, M. Park, A. Pause, J. Pelletier, D. Quail, P. Siegel, N. Sonenberg, J. Teodoro, M. Tremblay, L. Walsh, I. Watson, Y. Yamanaka, X.-J. Yang, G. Zogopoulos

#### Associate Members

U.D. Akavia, M. Alaoui-Jamali, P. Brodt, D. Dankort, J. Dostie, A. Ehrlicher, L. Ferri, J. Fritz, L. Garzia, N. Jabado, D. Junker, A. Koromilas, C. Krawczyk, D. Labbé, N. Lamarche, P. Lasko, C. Loiselle, C. Moraes, M. Pollak, J. Rak, Y. Riazalhosseini, M. Richer, H. Shateri Najafabadi, J. Spicer, P. Tonin, G. Ursini-Siegel

#### Affiliate Member

R. Marcotte

#### Emeritus Professors

P. Branton, A. Fuks, G. Shore, C.P. Stanners, M. Zannis-Hadjopoulos

---

## 6.29 Social Studies of Medicine

### 6.29.1 Location

3647 Peel Street, Room 103  
Montreal QC H3A 1X1  
Telephone: 514-398-6033  
Website: [www.mcgill.ca/ssom](http://www.mcgill.ca/ssom)

### 6.29.2 Core Courses

This Department contributes to the multidisciplinary core content offered during the Fundamentals of Medicine and Dentistry (FMD), Transition to Clinical Practice (TCP), and Clerkship components of the M.D.,C.M. program. More specifically:

INDS 426 – Putting It All Together: Basic Science, Medicine and Society

### 6.29.3 Electives

The Department offers a wide range of electives in aspects of the social sciences and humanities as they relate to medicine. See the [Electives Program](#) for elective opportunities.

### 6.29.4 Graduate Program

Through the Department, graduate students can obtain one of the following:

- M.A. in the History of Medicine
- M.A. in Medical Anthropology
- M.A. in Medical Sociology

The above degrees are acquired in programs administered jointly with the Departments of History, Anthropology, and Sociology in the Faculty of Arts. Consult the Faculty of Arts' [Graduate and Postdoctoral Studies](#) section for further information.

### 6.29.5 Social Studies of Medicine Faculty

#### Chair

Annmarie Adams

#### Emeritus Professor

Margaret Lock; B.Sc.(Leeds), M.A., Ph.D.(Calif., Berk.) (*Marjorie Bronfman Professor in Social Studies in Medicine*)

#### Professors

Annmarie Adams; M.Arch, Ph.D.(Calif., Berk.) (*Stevenson Chair in the History and Philosophy of Science, including Medicine*)

Alberto Cambrosio; M.Env.(Sher.), Ph.D.(Montr.)

Thomas Schlich; M.D.(Marburg), Ph.D.(Freiburg) (*James McGill Professor in the History of Medicine*)

Andrea Tone; B.A.(Qu.), M.A., Ph.D.(Emory) (*Canada Research Chair in the Social History of Medicine*)

George Weisz; M.A., Ph.D.(SUNY), Dr. 3rd Cy.(Paris V) (*Cotton-Hannah Professor of the History of Medicine*)

Allan Young; M.A.(Wash.), B.A., Ph.D.(Penn.) (*Marjorie Bronfman Professor in Social Studies in Medicine*)

#### Associate Professors

Jennifer Fishman; M.A.(Calif., Irvine), Ph.D.(Calif.-San Francisco)

Jonathan Kimmelman; M.A., Ph.D.(Yale)

Nicholas King; M.A., Ph.D.(Harv.)

Tobias Rees; M.A.(Tübingen), Ph.D.(Calif., Berk.)

Faith E. Wallis; M.A., M.L.S.(McG.), Ph.D.(Tor.)

## 6.30 Surgery

### 6.30.1 Location

RVH / McGill University Health Centre – Glen Site  
1001 Décarie Boulevard, C05.2764

Montreal QC H4A 3J1  
Email: [ugradsurgery.med@mcgill.ca](mailto:ugradsurgery.med@mcgill.ca)  
Website: [www.medicine.mcgill.ca/surgery](http://www.medicine.mcgill.ca/surgery)

### 6.30.2 Core Courses

This Department contributes to all curriculum components of the M.D.,C.M. program.

SURG 301 – TCP Surgery

SURG 402 – Surgery Clerkship

### 6.30.3 Electives

The Department provides several electives for medical students. See the [Elective Program](#) for elective opportunities.

### 6.30.4 Surgery Faculty

#### Chair

G.M. Fried (*Edward W. Archibald Professor*)

#### Emeritus Professors

J.D. Bobyne

F. Cervero

M. Duhaime

J. Hinchey

E. Monaghan

A.R. Poole

P. Roughley

N. Sheiner

H. Shizgal

H. Sigman

#### Professors

J. Antoniou

A.G. Aprikian

J.S. Barkun

J. Barralet

F. Bladou

P. Brodt

S. Carrier

P. Chan

S. Chevalier

J. Corcos

M. Elhilali

L. Feldman

L. Ferri

P.H. Gordon

R.C. Hamdy



**Professors**

E.J. Harvey  
 W. Kassouf  
 J.-M. Laberge  
 R.G. Margolese (*Herbert Black Professor of Surgical Oncology*)  
 S.H. Meterissian  
 P.M. Metrakos  
 D.S. Mulder (*H. Rocke Robertson Professor of Surgery*)  
 F. Mwale  
 A. Philip  
 L. Rosenberg  
 D. Shum-Tim  
 R. St-Arnaud  
 S. Tanguay  
 J.I. Tchervenkov  
 M. Tanzer  
 C.I. Tchervenkov  
 A. Turnbull  
 R. Turcotte  
 A. Zini

**Associate Professors**

S. Andonian, R.O. Arena, M. Basik, S. Bergman, G.K. Berry, O.W. Blaschuk, J-F. Boileau, M. Boutros, R. Cecere, P. Chaudhury, R. Chaytor, L.P. Coughlin, B. de Varennes, R.A. Dimentberg, P. Fata, W. Fisher, D.M. Fleiszer, S. Fraser, M. Gilardino, L. Haglund, K. Khwaja, K. Lachapelle, Y. Langlois, J. Lapointe, L. Lessard, A.S. Liberman, A. Loutfi, K. MacKenzie, P.A. Martineau, A-N. Meguerditchian, J. Montes, J.-F. Morin, P. Nault, C. O'Flaherty, J.A. Ouellet, S. Paraskevas, P. Puligandla, R. Reindi, J. Sampalis, G. Schwarz, T. Steffen, O.K. Steinmetz, R. Tabah, T. Taketo, M.P. Thirlwell, M. Vassiliou, G. Zogopoulos, D. Zukor

**Assistant Professors**

A. Albers, A. Andalib, D. Anderson, M. Anidjar, S.D. Bailey, J. Bayne, A. Beckett, T. Benaroch, S. Bergeron, G. Brabant, B. Brenner, A.D. Brzezinski, M. Burman, L. Campeau, G. Capolicchio, P. Charlebois, M. Chevette, M.S. Chughtai, M.M. Corriveau, O. Court, D.M. Cunningham, P.G. Davison, D. Deckelbaum, S. Demyttenaere, A.M. Derossis, T. Dionisopoulos, A. Dragomir, S. Dumitra, D.M. Eiley, A. El-Hakim, M.T. El-Sherbini, N. Eliopoulos, C. Emond, P. Ergina, N. Fahmy, J. Faria, J.F. Fiore Junior, L. Garzia, G. Ghitulescu, H. Gill, K. Goulding, J. Grushka, O. Huk, P. Jarzem, R. Jednack, J. Johansson, D. Labbé, E. Lee, E.M. Lenczner, M. Luc, R.J. Marien, K. Matthews, G.E. Merle, E. Mitmaker, M. Morelli, N. Morin, E. Moss, C. Mueller, J.A. Mutch, M-L. Nault, O. Neel, D. Obrand, J.A. Ouellet, J-S. Pelletier, M. Petropavlovskaja, N. Posel, T. Razek, R. Reindl, J. Rodriguez, D.H. Rosenzweig, R. Salasidis, G. Samoukovic, V. Sangwan, I. Shanfield, K. Shaw, H.M. Shulman, C. Sirois, J. Spicer, B.L. Stein, D. Tataryn, S. Thibaudeau, F. Tremblay, T. Vanounou, C.-A. Vasilevsky, M. Volesky, M. Weber, S.A. Youssef, T. Zadeh, V. Zalai, R. G. Zelt

**Lecturers**

K. Aikin, E. Bégin, J. Cohen, R. Danylewick, H. Daoud, W. Desloges, B. Duclos, G. Dupras, R. Fenster, S. Gaspard, D. Kalogeropoulos, J.J. Klopfenstein, J. Kwan, J. Lee, C. Lessard, L. Lincoln, F. Ma, E. Martel, W. Matar, R.A.H. McLeod, J. Mijangos-Pelaez, B. Morris, G. Nadkarni, V.W. Papanastasiou, G.J. Pearl, C. Richards, L. Rosen, N. Roy, J. Schwarz, K. St-Cyr, P. Stephenson, T. Surowanec, J.R. Sutton, T. Tran, I.S. Weissglas, D.G. Wiltshire

**Associate Members**

N. Burnier, M. Cantarovich, J. Chen, F. Cury, P. Goldberg, A. Gursahaney, J. Henderson, S. Komarova, J.-J. Lebrun, N. Makhoul, S. Mayrand, N. Nguyen, L.A. Stein, B. Willie

**Adjunct Professors**

M. Alini, T. Fevens, Y. Ponsot, W. Renz, M. Rousseau, M. Talbot, R. Tomlinson, P. Troy, L.N. Veilleux

**Research Associate**

M.C. San Gabriel

## 7 Scholarships, Bursaries, Loans, Prizes, and Medals

In order to enrich the learning experience for students, the Faculty of Medicine offers both needs- and merit-based scholarships, bursaries, loans, and prizes for students. The Faculty strongly encourages students to strive for excellence and to apply for funding that would enhance their education experience.



**Note:** The following scholarships, bursaries, awards, loans, prizes, and medals are subject to change. For further details, refer to each category's respective contact information.

- ***section 7.1: Admissions: Entrance Scholarships***  
McGill offers some Entrance Scholarships annually to select first-year students based on academic merit. Certain scholarships are renewable annually for students who meet renewability criteria.
- ***section 7.2: Research Awards***  
Research bursaries celebrate our students' achievements and allow students to establish themselves as innovative researchers. Bursaries are available to enable students to carry out research projects during their medical studies. These are awarded, on a competitive basis, in the Winter term and during summer vacation. Entrance scholarships are also available for students registered in the double programs: M.D.,C.M./M.B.A. and M.D.,C.M./Ph.D.
- ***section 7.3: Global Health and Travel Awards***  
Generous donors have contributed to the global nature of medical innovation through the creation of numerous awards to facilitate students who wish to pursue research or clinical experience nationally and internationally.
- ***section 7.4: Needs-Based Scholarships, Bursaries, and Loans***  
These funds are awarded to students in good academic standing who require financial support.
- ***section 7.5: Undergraduate Medicine Awards, Prizes, and Medals***  
The Faculty of Medicine strives to commemorate students who demonstrate outstanding performance. Receipt is permanently recorded on the transcript of each recipient. This information is also included in the Medical Student Performance Record.
- ***Graduate Awards***  
Please see the Graduate and Postdoctoral Studies website at [www.mcgill.ca/gps/funding](http://www.mcgill.ca/gps/funding).

### 7.1 Admissions: Entrance Scholarships

For more information, contact [admissions.med@mcgill.ca](mailto:admissions.med@mcgill.ca).

#### **Anjna and Jogindar Majhail Scholarship**

Established in 2004 by Anjna Majhail, M.S.W.'72, in memory of her late husband Jogindar Majhail. Awarded by the Faculty of Medicine's Scholarship Committee to an outstanding student entering first year Medicine who demonstrates academic excellence. The scholarship is renewable for three years provided the holder maintains satisfactory academic standing.

Value: minimum \$5,000.

#### **Class of Medicine 1985 Entrance Scholarship**

Established in 2011 by the Class of Medicine 1985. Awarded, based on consideration of applicant's admissions file and submission of an invited supplemental essay, by the Faculty of Medicine to incoming students in the M.D.,C.M. program. Recipients will be selected by the "Widening Participation Committee" whose mandate is to promote diversity and equity in the classroom.

Value: varies.

#### **David F. Claxton Entrance Scholarship**

Established in 2011 by Amy Claxton, in honour of her husband, David Claxton, M.D.,C.M.'78. As a fourth generation McGill alumni, Dr. Claxton's family has a long unbroken history of McGill graduates in both medicine and law. The David F. Claxton entrance scholarship is awarded to an outstanding undergraduate student entering the Faculty of Medicine, on the basis of academic merit.

Value: \$4000.

#### **Deschesnes-Yee Class of Medicine 1990 Entrance Scholarship**

Established in 2016 by the Class of Medicine 1990 on the occasion of their 25th anniversary reunion and in memory of their classmates Dimitrios Deschesnes, M.D.,C.M.'90 and Herman Yee, M.D.,C.M.'90. Awarded by the Faculty of Medicine's Scholarships Committee on the basis of academic merit to students entering the M.D.,C.M. program.

Value: varies.

#### **Dr. Graham Sommer International Scholarships in Medicine**

Established in 2006 by Dr. Graham Sommer, M.D.,C.M.'72. Awarded by the Faculty of Medicine to outstanding international students entering the M.D.,C.M. program in the Faculty of Medicine. While academic standing is of primary importance, consideration will also be given to leadership in extracurricular and community activities.

Estimated value: \$15,000; renewable.

#### **Dr. John G. Cassils Major Entrance Scholarship**

Established in 2015 by Dr. John G. Cassils, B.Sc.'61, M.D.'66 (University of Alberta) for one or more students in the M.D.,C.M. program from indigenous communities in Canada on the basis of academic merit. Preference will be given to students of First Nations, Inuit or Métis heritage. Awarded by the Faculty of Medicine's Scholarships Committee on the recommendation of the Office of Admissions.

Value: varies.

#### **Dr. John H. Burgess Distinguished Scholarship**

Established in 2011 by John H Burgess, B.Sc.'54, M.D.,C.M.'58. Awarded by the Faculty of Medicine to one or more students from indigenous communities in Canada on the basis of academic merit, with preference given to students of Inuit, Métis or First Nations heritage or to one or more students nominated by the Widening Participation Committee that attends to diversity and equity in recruitment and admission to medicine at McGill University. For over three decades Dr. Burgess demonstrated his commitment to serving the Inuit in Canada's North as a consulting cardiologist. Dr. Burgess wishes to continue his legacy of service by supporting the training of future physicians from underserved regions in Canada.

Value: varies. May be renewed.

#### **The Frederick Penton Loftus Lane Scholarship**

Established in 2010 through the generous bequest of Esther M.E. Lane, in memory of her late husband, Frederick Penton Loftus Lane. Awarded on the basis of academic merit by the Faculty of Medicine to distinguished Canadian students entering the M.D.,C.M. program in the Faculty of Medicine.

Value: varies.

#### **James Moses and Stella Frosst Alexander Scholarships**

Established in 1992 to honour James Moses Alexander, a distinguished graduate of the Faculty of Medicine, McGill University (1934). Three scholarships are available each year for students with outstanding merit entering the four-year undergraduate program in the Faculty of Medicine. Awarded by the Faculty Scholarships Committee and renewable provided the holder maintains an academic standing satisfactory to the Committee.

Value: minimum \$7,000 each.

#### **Jonathan Ballon Scholarships**

Established in 1995 through generous gifts from friends and family to honour the memory of Jonathan Ballon, B.A.'47, M.D.'52, a distinguished graduate of McGill. Awarded to outstanding Canadian students entering the four-year Medical degree program or the joint M.D.,C.M.&Ph.D. or M.D.,C.M.&M.B.A. programs. While academic excellence is of primary importance, professionalism, compassion and demonstrated leadership in athletics or other student activities will be considered. Awarded by the Faculty of Medicine Scholarships Committee and renewable provided the holder maintains an academic standing satisfactory to the Committee.

Estimated value: \$6,500.

#### **Livingstone-Friedman Scholarship in Medicine**

Established in 2007 by Professors Sydney Friedman, B.A.'38, M.D.,C.M.'40, M.Sc.'41, Ph.D.'46, and Constance Friedman, B.Sc.'41, M.Sc.'42, Ph.D.'48. Awarded by the Faculty of Medicine to a student entering the M.D.,C.M. program; this scholarship is intended to encourage the student's fuller enjoyment of the cultural environment of the University and city.

Estimated value: \$5,000.

#### **Marjorie Hampson Entrance Scholarship**

Established in 2010 by Lawrence G. Hampson, B.Sc.'47, M.D.,C.M.'49, M.Sc.'53, Dip.Surgery'55, in memory of his wife Marjorie Hampson. It is awarded to an outstanding undergraduate student entering the Faculty of Medicine.

Value: varies.

#### **Medicine Faculty Entrance Scholarship**

Established through the generous donations of graduates and friends of McGill University's Faculty of Medicine, for distinguished students entering the McGill four-year undergraduate program.

Value: \$5000.

#### **T.F. Rose Entrance Scholarship**

Established in 2010 through the generous bequest of Sylvia Rose, honouring the wishes of her late husband, T.F. Rose, M.D.,C.M.'43, for outstanding undergraduate students entering the Faculty of Medicine. Awarded on the basis of academic merit by the Faculty of Medicine.

Value: varies.

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## **7.2 Research Awards**

For more information, contact [rbursary.med@mcgill.ca](mailto:rbursary.med@mcgill.ca).

### **Barbara Usher Goldberg Research Bursary**

Established in 2010 by Norman Goldberg, B.Sc.'55, M.D.,C.M.'59, in honour of his late wife, Barbara Usher Goldberg, B.A.'57, M.A.'59. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical or allied health students in the Faculty of Medicine at McGill University. Preference will be given to students conducting research on Alzheimer's Disease.

**Chiang Family Research Bursary in Medicine**

Established in 2010 by Dr. Patrick J W Chiang, M.D.,C.M.'65, and Mrs. Lee-Sen Chiang, B.Sc.'65. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical or allied health students in the Faculty of Medicine at McGill University.  
Value: varies.

**Class of Medicine 1960 Research Bursary**

Established in 2016 by the Class of Medicine 1960 in honour of their 55th anniversary reunion. Awarded by the Faculty of Medicine's Student Research Committee to support one or more students in the M.D.,C.M. program pursuing research in the Faculty of Medicine.  
Value: varies.

**Class of Medicine 1966 Research Bursary**

Established in 2017 by the Class of Medicine 1966 in honour of their 50th anniversary reunion. Awarded by the Faculty of Medicine's Student Research Committee to support one or more students in the M.D.,C.M. program in the Faculty of Medicine while they pursue work in the research environment alongside clinical and fundamental scientists and their trainees.  
Value: varies.

**Class of Medicine 1979 Research Bursary**

Established in 2016 by the Class of Medicine 1979 on the occasion of their 35th anniversary reunion. Awarded by the Faculty of Medicine's Student Research Committee to support one or more students in the M.D.,C. M. program pursuing research in the Faculty of Medicine.  
Value: varies.

**Clouston Memorial Scholarship**

Endowed in 1986 by the family in memory of Dr. H.R. Clouston and his father, Dr. J. Clouston, both of Huntingdon, Quebec. Awarded by the Faculty Scholarships Committee to a medical student who undertakes a research project with preference to the field of genetics.  
Value: varies.

**Dr. Barkev and Mrs. Alice Andonian Research Bursary in Paediatrics**

Established in 2017 by Dr. Sero Andonian, B.Sc.'97, M.Sc.'99, M.D.,C.M.'02, Diana Andonian, and Maria Andonian, B.A.'00, M.A.'04, B.Ed.'09, in honour of Sero and Maria's parents, who came to Canada in search of a better education and proudly witnessed their children graduate from McGill University. After graduating from the American University of Beirut, Dr. Barkev Andonian was the first certified paediatrician in Aleppo in 1960. He served that community for over 40 years before retiring in Canada. Awarded by the Faculty of Medicine's Student Research Committee to one or more M.D.,C.M. students pursuing research in paediatrics.  
Value: varies.

**Dr. Beiyun Chen & Dr. Zhi Li Biomedical Research Bursary**

Established in 2016 by Dr. Beiyun Chen, Ph.D.(Pharmacology)'94 and Dr. Zhi Li, Ph.D.(Chemistry)'90. Awarded by the Faculty of Medicine to support one or more undergraduate B.Sc. students pursuing research in the Faculty of Medicine, with a focus on the fields of Anatomy and Cell Biology, Biochemistry, Microbiology, Pharmacology, and Physiology.  
Value: varies.

**Dr. Clarke K. McLeod Memorial Scholarship**

Established in 1979 by a bequest from Dr. Clarke K. McLeod, M.D.,C.M.'27 to provide scholarships for undergraduate medical students.

**Dr. Harry I. Cramer Research Scholarship**

Established in 2009 by the generous bequest of the late Harry I. Cramer, B.Com.'33, in honour of his late cousin, Dr. Harry I. Cramer, B.Sc.'34, M.D.'37, to support students in the Faculty of Medicine conducting research in the areas of oncology or diabetes through the Research Bursary Program.

**Dr. Lorne Runge & Dr. Ellen FitzPatrick Runge Research Bursary**

Established in 2016 by Dr. Lorne A. Runge, B.Sc.'61, M.D.,C.M.'65 and Dr. Ellen FitzPatrick Runge, M.D.,C.M.'65. Awarded by the Faculty of Medicine's Student Research Committee to support one or more students in the M.D.,C.M. program pursuing research in the Faculty of Medicine. Preference will be given to students pursuing epidemiologic and/or genetic research, with a special focus on chronic musculoskeletal pain.  
Value: varies. Expendable through 2021.

**Dr. N. Paul Rosman McGill Medical Student Research Bursary**

Established in 2012, by N. Paul Rosman, B.Sc.'55, M.D.,C.M.'59, to promote an interest in research by medical students. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical students each year in the Faculty of Medicine at McGill University.  
Value: varies.

**Dr. Rachel Borson Research Bursary**

Established in 2017 by Rachel Anne Borson, B.Sc.'79, M.D.,C.M.'83. Awarded by the Faculty of Medicine's Student Research Committee to support one of more students in the M.D.,C.M. program pursuing research in the area of cancer research or cancer treatment. Preference will be given to students pursuing research in the area of breast cancer.  
Value: varies.

**Dr. Raymond and Mrs. Leora Kahn Research Bursary in Memory of Mrs. Marion Kahn**

Established in 2011, by Raymond Kahn, B.Sc.'69, M.D.,C.M.'73 and his wife, Leora Kahn, B.A.'71, M.S.W.'77, in memory of his mother, Marion Kahn, for outstanding students pursuing research in the Faculty of Medicine. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical or allied health students in the Faculty of Medicine at McGill University. Preference will be given to students engaged in breast cancer research.

**Drs. Annalee & Mark Abelson Travel Fund in Medicine**

Established in 1997 through a generous gift from Dr. Annalee Abelson, B.A.'68, M.Sc.'71, Ph.D.'81 and Dr. Mark Abelson, B.Sc.'66, M.D.,C.M.'70. The annual income is to be used equally for travel funds for M.D.,C.M.&Ph.D. students and students in the School of Human Communication Sciences and Disorders. The travel funds will be awarded by the Faculty of Medicine's Department of Graduate Studies and Research.

**Ettie Israel Bennett Award**

Summer Research Bursary recipients are eligible to receive the Ettie Israel Bennett Award. Awarded to a deserving student whose work is judged to be excellent by the Student Research Committee.

**George and Muriel Graham Undergraduate Research Bursary**

Established in 2015 by Mary F. Graham, M.D.,C.M. in memory of her in-laws. Awarded by the Faculty of Medicine's Scholarships Committee to a M.D.,C.M. student in the Faculty of Medicine who participates in a research project at McGill University. Preference will be given to students pursuing research within the field of neuroscience.

Value: \$3,000.

**George Corcoran Scholarship**

Established in 1996 through a bequest from Emily Jones Corcoran in memory of her husband. The fund provides stipend support for medical students in the M.D./Ph.D. program. Awarded on the recommendation of the M.D./Ph.D. Program Director.

Value: varies.

**Harold and Rhea Pugash Research Bursary**

Established in 2011 by Eric S. Pugash, M.D.,C.M.'79, F.R.C.S.(C), in honour and memory of Harold H. Pugash, BA'49 and Rhea D. Pugash, Dipl.(P.T.)'51, both of whom greatly valued education and demonstrated the qualities of achievement, honesty and sense of humour. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical students in the Faculty of Medicine at McGill University.

**Harry Shankman Scholarship**

Established in 2000 through a bequest from the late Annette Shankman Rieder in honour of her brother Harry Shankman, M.D. The fund provides stipend support for deserving medical students in the M.D./Ph.D. program. Awarded by the Faculty of Medicine Scholarships Committee, on the recommendation of the M.D./Ph.D. Program Director.

Value: varies.

**Heffez Family Research Bursary**

Established in 2017 by Dr. Dan S. Heffez, M.D.,C.M.'79 and family. Awarded by the Faculty of Medicine to support one or more students in the M.D.,C.M. program pursuing faculty supervised, yet independent research. First preference will be given to students completing research in neuroscience and/or neurosurgery. Second preference will be given to students completing research in cardiology and/or cardiac surgery. Third preference will be given to students pursuing research in any other surgery-related area.

Value: varies.

**Hilton J. McKeown Scholarships**

Established by a bequest from Hilton J. McKeown, M.D.'27, to the Friends of McGill to provide financial support to students in the Faculty of Medicine. Awards are granted on the basis of academic achievement and the value of each award will depend upon financial need and other awards held. Preference will be given to students in the M.D.,C.M.&Ph.D. program. Awarded by the Faculty of Medicine.

Value: varies.

**Ivan Racheff Scholarships**

Established in 1986 to be awarded by the Faculty Student Research Committee to medical students who demonstrate an interest in research in public health and/or the effects of pollution or pollutants on the human body.

**J. Warren and Christa Harthorne Summer Research Bursary**

Established in 2015 by J. Warren Harthorne, M.D.,C.M.'57, and Christa Harthorne, to recognize and promote research activities of undergraduate medical students pursuing research in the Faculty of Medicine. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical students in the Faculty of Medicine at McGill University.

Value: varies.

**James O. Meadows and Maria Meadows Awards**

Income from a bequest from the late Dame Maria Cowan Meadows provides awards for undergraduates or graduates in the Faculty of Medicine for the purpose of supporting research. Preference will be given to candidates working in the field of cancer research, but worthy candidates in other areas of medical or surgical research will also be considered. Application is made to the Dean of the Faculty of Medicine.

**John H. Altshuler Research Award in Pathology or Dermatology or Hematology**

Established in 2006 by David Altshuler and the Altshuler Family in memory of his late father John H. Altshuler, B.Sc.'55, M.D.,C.M.'59. Awarded annually by the Faculty of Medicine's Student Research Committee to a medical student in the Faculty of Medicine who participates in a research project at McGill University. Preference will be given to students pursuing research within the fields of Pathology, Dermatology or Hematology.  
Estimated value: \$3,000.

**Judith Anne Wright Litvack Bursaries**

Bequeathed in 1999 by Judith Litvack to support the Research Bursary Program for students in the Faculty of Medicine and the Allied Health Sciences. The research projects supported are to be in the areas of cancer research and research of post-traumatic disorder anxiety. One or more bursaries in each of the two research areas will be awarded annually by the Faculty Research Committee.  
Value: \$2,000 minimum for each.

**Kevric Summer Research Bursaries**

Established in 2009 by Richard Hylands, B.Com.'80. Awarded by the Faculty of Medicine's Student Research Committee to one or more undergraduate students in the M.D.,C.M. program in the Faculty of Medicine at McGill University.

**Leslie Gin Foo and Sophie Pui Woon Woo Research Bursary**

Established in 2015 by Anna Woo, M.D.,C.M.'92, in honour of her parents, Leslie Gin Foo and Sophie Pui Woon Woo, who came to Canada in search of a better life for their family and proudly witnessed all four of their children graduate from McGill University. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical students in the Faculty of Medicine pursuing research.  
Value: varies.

**Mach-Gaensslen Foundation of Canada Student Grant**

Summer research bursary awarded to at least four medical students in the fields of oncology, cardiology, and psychiatry.

**McEntyre Research Bursary**

Established in 2003 by David McEntyre, B.Com.'67, an active volunteer and supporter of McGill University and the Montreal Children's Hospital. Awarded by the Faculty of Medicine to students to support their participation in research projects at the Montreal Children's Hospital. Open to students in the M.D.,C.M., Nursing, and P&OT programs.  
Value: varies.

**Medical Class of 1961 Summer Research Bursary**

Awarded annually to a student in the Faculty of Medicine. This research bursary provides in-course undergraduate students with an opportunity to gain valuable hands-on experience working in a biomedical research environment for those who are interested in pursuing this important aspect of medical work. For two months during the summer term each year, the students will work full-time on hypothesis-driven projects, alongside clinical and fundamental scientists. Awarded on the basis of academic merit and may be designated toward a specific discipline in health sciences.  
Value: varies.

**Medical Class of 1964 Summer Research Bursary**

Established in 2015 by the Medical Class of 1964 on the occasion of their 50th anniversary reunion. Awarded by the Faculty of Medicine's Student Research Committee to support one or more students in the M.D.,C.M. program pursuing research during the summer in the Faculty of Medicine.  
Value: varies.

**Medical Class of 1980 Research Bursary**

Established in 2016 by the Medical Class of 1980 on the occasion of their 35th anniversary reunion and in memory of their classmate Dr. Martha Jane Poulson, M.D.,C.M.'80. Awarded by the Faculty of Medicine's Student Research Committee to support one or more students in the M.D.,C.M. program pursuing research in the Faculty of Medicine.  
Value: varies.

**Medical Class of 1989 Research Bursary**

Established in 2016 by the Medical Class of 1989 on the occasion of their 25th anniversary reunion. Awarded by the Faculty of Medicine's Student Research Committee to support one or more students in the M.D.,C.M. program pursuing research in the Faculty of Medicine.  
Value: varies.

**Michael B. and Mary Elizabeth Wood Summer Research Bursary**

Established in 2015 by Michael B. Wood, M.D.,C.M.'69. Awarded by the Faculty of Medicine's Student Research Committee to support one or more students in the M.D.,C.M. program pursuing research during the summer in the Faculty of Medicine.  
Value: varies.

**Montreal League for the Hard of Hearing Award**

Established by a gift from the Montreal League for the Hard of Hearing Inc. for students in training. Candidates must be enrolled at the graduate level in the School of Communication Sciences and Disorders doing work in the area of hearing impairment. Awarded by the School.  
Value: varies.

**Mr. & Mrs. John Henry Collis Memorial Bursary**

Endowed in 1986 by a bequest from Mrs. John Henry Collis to assist students in conducting medical research. Awarded by the Faculty Student Research Committee.

**Murray R. Stalker Primary Care Research Bursary**

Established in 2007 by Dr. Merrill Stalker, B.Sc.'47, M.D.,C.M.'51 in memory of his father, Murray R. Stalker, M.D.,C.M.'24, who was one of the principal founders of the College of Family Physicians of Canada. Awarded by the Faculty of Medicine's Student Research Committee to an undergraduate or graduate student in the medical or allied health programs with a preference to students who undertake research in primary care within the McGill University Academic Health Network.

**Norman R. and Caroline M. Davis Biomedical Research Bursary**

Established in 2015 by Elaine C. Davis, Ph.D.(Anatomy)'92, in honour of her father, Norman R. Davis, B.Com.'52 and mother, Caroline M. Davis (nee Clements), B.Sc.'52. Awarded by the Associate Dean, Research, Faculty of Medicine, to one or more Biomedical B.Sc. students conducting summer research in one of the Faculty of Medicine's departments that participates in the teaching of B.Sc. students.

Value: varies.

**Robert Courey Research Bursary**

Established in 2015 by Robert Courey, B.Sc.'66, M.D.,C.M.'68. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical students in the Faculty of Medicine pursuing research.

Value: varies.

**Ron and Marcy Prussick Research Bursary**

Established in 2012, by Ron Prussick, B.Sc.'83, M.D.,C.M.'87, and his wife, Marcy Prussick, LL.B.'87, in the interests of nurturing a life-long interest in research for medical students. Awarded by the Faculty of Medicine's Student Research Committee to medical students in the Faculty of Medicine at McGill University.

**Rose Mamelak Johnstone Research Bursary**

Established in 2013 by Michael Johnstone, M.D.,C.M.'79 in memory of his mother, Rose Mamelak Johnstone, Ph.D., F.R.S.C., first female Chair of the Department of Biochemistry from 1980–1990. Awarded by the Associate Dean, Biomedical B.Sc., Graduate and Postdoctoral Affairs, together with the Chair of the Department of Biochemistry of the Faculty of Medicine to one or more students conducting research in the Department of Biochemistry at McGill University. Preference will be given to female students.

Value: varies.

**Rose Schwarz - Helen Marcus Bursary**

Established by the family and friends of the late Rose Schwarz and the late Helen Marcus. To assist a needy, deserving student engaged in summer work in cancer research.

**Sean Murphy Award**

Established in 1997 from a bequest of Miss Dorothy Brown. Award is competitive, based on merit and excellence. Awarded for research in Ophthalmology by a committee of the Department of Ophthalmology to one or more residents, graduate students, or postdoctoral fellows.

Value: varies.

**Sir Edward W. Beatty Memorial Scholarships for Medical Students**

Income from a bequest of \$100,000 from the late Dr. Henry Albert Beatty provides scholarships for undergraduate and graduate students in the Faculty of Medicine. For students who hold or are working towards the McGill M.D.,C.M., the award may be held at any approved institution in Canada or abroad. For other qualified students, the award must be held at McGill. The holder is expected to devote the year of tenure either to research or to some form of special training excluding the normal training towards the M.D.,C.M. and excluding any of the years of residency training required in the Diploma courses.

**Steven C. Bernstein Summer Research Bursary**

Established in 2016 by Steven C. Bernstein, B.Sc.'86, M.D.,C.M.'90. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical students in the Faculty of Medicine pursuing research in the summer.

Value: varies.

**Theresa McLoud Student Research Bursary**

Established in 2015 by Theresa McLoud, M.D.,C.M.'68, to recognize and promote research activities of undergraduate medical students pursuing research in the Faculty of Medicine. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical students in the Faculty of Medicine at McGill University.

Value: varies. Through summer of 2020.

**William and Laura Victor Memorial Award**

Established in 2000 by Laura Victor, B.A.'32, in memory of her husband, William V. Victor, B.Com.'31, F.C.A. Awarded by the Faculty of Medicine Jury of the Annual Student Research Day to a meritorious undergraduate medical student.

Value: minimum \$1,000.

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**7.3 Global Health and Travel Awards**

For more information, contact [globalhealth@mcgill.ca](mailto:globalhealth@mcgill.ca).

**Alex W. Strasberg M.D.,C.M.'21 and Harvey M. Weinstein M.D.,C.M.'67 Global Health Award**

Established in 2016 by Rhona Weinstein (née Strasberg), B.A.'67, M.A.'69, and Harvey M. Weinstein, B.Sc.'63, M.D.,C.M.'67, in honour of Rhona's late father, Alex W. Strasberg, M.D.,C.M.'21 and Harvey M. Weinstein, M.D.,C.M.'67, both pioneers and advocates in clinical work and research related to vulnerable populations.

An immigrant to Canada, Dr. Strasberg was among the earliest Jewish students to graduate from McGill Medicine. He became a urologist on staff at the Jewish General Hospital and the Royal Victoria Hospital, conducted research, and taught in the Department of Urology at McGill. He devoted his practice to treating the poor and was for many years the physician of choice for many in the Montreal Chinese immigrant community.

Dr. Weinstein trained as a psychiatrist at Yale University and worked in university student health at Stanford University as well as in hospital and private practice settings. In later years he earned a public health degree from UC Berkeley and devoted his time to research and policy in refugee and immigrant health. Author of two books and numerous articles, he also became involved in human rights scholarship and advocacy about how countries respond to ethnic cleansing and genocide.

Awarded by the Faculty of Medicine upon recommendation of the Director of Global Health Programs to provide support for undergraduate medical students or postgraduate residents in the Faculty who are engaged in global health research and/or clinical training related to immigrant, refugee, and aboriginal/indigenous populations, in Canada and abroad. Support may include funds for travel, housing, research, and/or clinical experiences. Preference will be given to projects of merit and projects with cross-disciplinary perspectives as well as faculty support.

Value: varies.

**Ambassador Paul Frazer Travel Award for Global Health**

Established in 2015 by Paul Frazer, B.A.'70, to provide support for one or more graduate students in the Masters of Science in Public Health program in the Department of Epidemiology, Biostatistics, and Occupational Health at McGill University, who are completing the practicum in under-resourced areas in the world. Awarded by the Faculty of Medicine upon the recommendation of the Director of Global Health Programs, and Director of the M.Sc.P.H. program.

Value: varies.

**The Ashworth Student Travel Award**

Established by M. Anthony Ashworth, M.D.,C.M.'61 and family to honour the late Dorothy and William Ashworth of Montreal, the award(s) will support medical students conducting their elective clinical clerkship in remote regions in Canada or in a developing country. As a result of his many trips to the James Bay region, Dr. Ashworth believed that practising with limited technology made the physician a better clinician. It is hoped that those who benefit from these awards make aid to underserved areas of the world a part of their future responsibility. Awarded by the Faculty Medicine upon the recommendation of the Director of the Global Health Programs.

Value: varies.

**Bubbie and Nanny Global Health Travel Award**

Established in 2015 by Michael Shevell, B.Sc.'80, M.D.,C.M.'84, in honor of his children's grandmothers, to provide travel support for post-graduate medical residents in either pediatrics or pediatric neurology within the Faculty of Medicine who are pursuing an elective overseas in under-resourced areas in the world, or among underserved populations in Canada or for professional nurses, occupational therapists, physiotherapists, speech language therapists, or psychologists involved in a McGill project overseas. Awarded by the Faculty of Medicine upon recommendation of the Director of Global Health Programs, the Pediatric Residency Program Directors, and the Pediatric Neurology Residency Program Director.

Value: varies.

**Cavazzoni Family Undergraduate Global Health Award**

Established in 2015 by Patrizia Adele Cavazzoni, M.D.,C.M.'87, for three to five outstanding undergraduate students at McGill University undertaking a mentored research project including an international component with McGill Global Health Programs. Awarded by the Faculty of Medicine upon recommendation of the Director of Global Health Programs.

Value: varies.

**Davis, Brun, & De Rito Undergraduate Award for Global Health**

Established in 2016 by Francine Davis, B.Phys.Ther.'69, B.Sc.(PT)'85 in memory of and gratitude for the support of Jeanne Brun, Gisèle Brun, and Tony De Rito. For outstanding undergraduate students at McGill University undertaking a mentored research project including an international component with McGill Global Health Programs, in the area of women's and girls' health. Awarded by the Faculty of Medicine upon recommendation of the Director of Global Health Programs.

Value: varies.

**Dr. Freda M. Omaswa Travel Award for the Study of Infectious and Tropical Diseases**

Established in 2017 in memory of Freda M. Omaswa, M.D.,C.M.'08 by her classmates, family, friends, and colleagues. Freda was an inspirational human with an exceptional warmth and sincerity that drove her to always put the needs of others ahead of her own. Awarded by the Faculty of Medicine upon the recommendation of the Director of Global Health Programs to provide travel support for an M.D.,C.M. student travelling to Africa in order to gain experience in tropical and infectious diseases. Preference will be given to an M.D.,C.M. student travelling to Uganda.

Value: approximately \$3,000.

**Dr. Milan K. Sen Travel Award in Global Health Surgery**

Established in 2016 by Dr. Milan Sen, B.Sc.'94, M.D.,C.M.'98, to provide travel support for undergraduate medical students interested in global surgery within the Faculty of Medicine who are pursuing an elective overseas in under-resourced areas in the world, or among underserved populations in Canada or U.S.A. (e.g., Indigenous populations). Awarded by the Faculty of Medicine upon recommendation of the Director of Global Health Programs in consultation with the Centre for Global Surgery at the McGill University Health Centre.

Value: varies.



**Dr. Yuk Chan Ma and Dr. Yuen Kok Chan Prize in Multicultural and International Medicine**

Established in October 2006 by Dr. Alice Chan-Yip, M.D.,C.M.'62, in memory of her late parents. Awarded annually by the Faculty of Medicine Scholarships Committee to a medical student who participates in a Canadian multicultural or international elective of at least four weeks. The prize will be awarded to the student who presents the best project demonstrating an understanding of the contribution of social and cultural factors to health.

Value: varies.

**Elaine E.L. Wang M.D.,C.M. Travel Award**

Established in 2015 by Elaine E.L. Wang, M.D.,C.M.'77, to provide travel support for M.D.,C.M. students who are pursuing an elective overseas in under-resourced areas in the world. Awarded by the Faculty of Medicine upon recommendation of the Director of Global Health Programs.

Value: \$3,000.

**Luger-Mikelberg Travel Award for Global Health**

Established in 2017 by Sherry Luger, M.D.,C.M.'83 and Michael Mikelberg, to provide travel support for Health Sciences students who are pursuing an elective overseas in under-resourced areas in the world, or among underserved populations in Canada. Awarded by the Faculty of Medicine upon recommendation of the Director of Global Health Programs. Preference will be given to students travelling to Africa and Rwanda.

Value: varies.

Expendable through 2020-21.

**The Mary A. Metcalf International Travel Fund**

The Mary A. Metcalf International Travel Fund is designated to support international research of undergraduate students, graduate students, and post-graduate medical residents within the Faculty of Medicine. Elective, research project or community service program must be at least four weeks. Its intent is to promote the training of health care workers and researchers to combat global health disparities, by supporting students to work with underserved populations in resource limited settings.

Value: varies.

**The Medicine Class of 1965 International Health Student Fund**

Established in May 2000 by the Class of Medicine 1965 in appreciation of the education they received at McGill. Funds will be used to allow medical students to pursue research or clinical electives overseas. One bursary will be awarded in each application round.

Value: varies.

**The Medical Class of '84 Student Bursary**

Established in 2010 by Medicine Class of 1984 to commemorate their 25th reunion, the award(s) will help support the travel and accommodation expenses of one or more senior medical students (year 3 or 4) pursuing an elective overseas in a developing country. Awarded by the Faculty of Medicine upon the recommendation of the Director of the Global Health Programs. One bursary will be awarded in each application round.

Value: varies.

**OMAF Travel Award**

The Osler Medical Aid Foundation (OMAF) awards are intended to support undergraduate medical students conducting service-learning or clinical electives in underserved communities both in Canada and overseas for a minimum duration of four weeks. Two scholarships of up to \$1,000 will be available in each application round, to support travel and accommodation expenses. In keeping with OMAF's heritage as a student-driven scholarship initiative, a medical student will be included on the selection committee for these awards.

Value: varies.

**William and Caroline Krishnappa Travel Award for Global Health**

Established in 2017 by Harriet H. Stairs, B.A.'67, and Andrea Stairs Krishnappa, B.A.'96, in honour of their grandchildren and children, William and Caroline Krishnappa, to provide travel support for one undergraduate student pursuing a global health project in India in the summer. Awarded by the Faculty of Medicine upon recommendation of the Director of Global Health Programs.

Value: \$5,000.

**7.4 Needs-Based Scholarships, Bursaries, and Loans****7.4.1 Scholarships, Bursaries, Prizes, and Awards**

For more information on need-based awards, including how to apply, please visit [www.mcgill.ca/studentaid/scholarships-aid/current-undergrads](http://www.mcgill.ca/studentaid/scholarships-aid/current-undergrads).

**Allan Jay Solomon Award**

A fund of \$2,000 established in 1977 by family and friends in memory of the late Allan Jay Solomon, B.Sc.'73, M.D.,C.M.'75. The revenue from this fund provides an annual award tenable in any year of the undergraduate course in Medicine. Awarded by the Scholarships and Student Aid Office on the basis of distinguished academic standing and financial need.

**Anjna Majhail Entrance Bursary**

Established in 2007 by Anjna Majhail, M.S.W.'72. Awarded by the Scholarships and Student Aid Office to full-time undergraduate students entering the Faculty of Medicine, M.D.,C.M. program, on the basis of demonstrated financial need and academic achievement.

Estimated value: \$5,000; renewable.

**Annie Diamond Bursaries**

Established in 1969 for medical students with financial need. Awarded by the Scholarships and Student Aid Office.

**Bellam Memorial Bursaries**

Established with a bequest from the estate of the late C.F. Bellam. Awarded by the Scholarships and Student Aid Office on the basis of financial need to students in the Faculty of Medicine from the Eastern Township, Quebec, with preference for students from the Stanstead County.

**Beverley Cooner Bursary**

Established in 1968 by the family and friends of the late Beverley Cooner to assist a deserving medical student. Awarded by the Scholarships and Student Aid Office on the basis of financial need and academic standing.

**Bruce and Muriel Kelly Memorial Bursary**

Established in 1988 by a bequest from Muriel Kelly to assist a deserving and needy Canadian student pursuing the degree of M.D.,C.M., with a preference given to students from the Toronto area. Awarded by the Scholarships and Student Aid Office.

**Bruce Smith Bursary Fund**

From a bequest by the late Dr. Bruce Stewart Smith to enable worthy students with financial need to complete medical training at McGill University.

**Campbell Keenan Memorial Scholarship**

Established by the late Miss Charlotte Mildred Hagar in memory of the late Dr. Campbell B. Keenan. Tenable by students in their second, third, or fourth year of the M.D.,C.M. program in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of distinguished academic standing and financial need to students who intend to enter surgical practice.

Value: varies; may be renewable.

**Chancellor Ferrier Memorial Bursary**

Established by Mrs. Herbert V. Lacey in memory of her great-grandfather, Senator James Ferrier, Chancellor of McGill from 1884 to 1889. Awarded by the Scholarships and Student Aid Office on the basis of academic standing and financial need, with preference to students from the State of Wyoming.

**Charles James and Frances A. Snow Memorial Bursary**

Established in 1998 by a bequest of Frances A. Snow to assist needy students in the pursuit of their medical studies. Awarded by the Scholarships and Student Aid Office.

**Class of Medicine 1943B Bursary**

Established in 1995 by the Class of Medicine 1943B in honour of their 50th anniversary of graduation. Awarded by the Scholarships and Student Aid Office to a third-year medical student in good academic standing who exhibits financial need.

**Class of Medicine 1953 Bursary**

Established by the Class of 1953 on the occasion of its 55th anniversary reunion. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program based on financial need and good academic standing.

**Class of Medicine 1954 - Dr. C.P. Martin in Memoriam Scholarship**

Established in 1999 by the Class of Medicine of 1954 to celebrate their 45th and 50th anniversaries of graduation. Given in appreciation for the education they received at McGill, and in memory of their beloved professor of anatomy, Dr. C.P. Martin. Awarded on the basis of financial need by the Scholarships and Student Aid Office to medical students in good academic standing.

**Class of Medicine 1959 Scholarship**

Established in 1999 by the Class of Medicine 1959 in appreciation for the education they received at McGill and in commemoration of the Class' 40th anniversary of graduation. Awarded on the basis of financial need by the Scholarships and Student Aid Office to medical students in good academic standing.

**Class of Medicine 1963 Scholarship**

Established in 1998 by the Class of Medicine 1963 in appreciation for the education received at McGill and in commemoration of the Class' 35th anniversary of graduation. Awarded on the basis of financial need by the Scholarships and Student Aid Office to medical students in good academic standing.

**Class of Medicine 1964 Bursary**

Established by the Class of 1964 on the occasion of its 40th Anniversary reunion. This bursary is awarded on the basis of financial need by the Scholarships and Student Aid Office to students in good standing in the M.D.,C.M. program.

**Class of Medicine 1967 Bursary**

Established by the Class of 1967 in honour of their 40th Anniversary reunion. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program on the basis of financial need and good academic standing.

**Class of Medicine 1972 Bursary**

Established by the Class of Medicine 1972, in appreciation for the education they received at McGill, and in commemoration of their 25th Anniversary of graduation. Awarded on the basis of financial need by the Scholarships and Student Aid Office to medical students in good academic standing.

**Class of Medicine 1978 Bursary**

Established in 2015 by the Class of Medicine 1978 on the occasion of their 35th Anniversary reunion. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program on the basis of demonstrated financial need and good academic standing. Preference will be given to students from under-represented groups.

**Class of Medicine 1979 Bursary**

Established in 2007 by the Class of 1979 on the occasion of its 25th Anniversary reunion, which took place in 2004. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. or Med-P program on the basis of financial need to one or more students in good academic standing.

**Class of Medicine 1981 Bursary**

Established in 2007 by the Class of 1981 on the occasion of its 25th Anniversary reunion, which took place in 2006. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program on the basis of financial need to one or more students in good academic standing.

**Class of Medicine 1983 Bursary**

Established in 2011 by the Class of Medicine 1983 in honour of their 25th Anniversary reunion. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program on the basis of financial need and good academic standing.

**Class of Medicine 1987 Bursary**

Established in 2014 by the Class of Medicine 1987 on the occasion of their 25th Anniversary reunion, to honour the memory of their classmates: William Herman DeLong, M.D.,C.M.'87, Settimio Di Cori, B.Sc.'83, M.D.,C.M.'87, Richard Douglas Kohn, M.D.,C.M.'87, Ian Michael Rubins, B.Sc.'83, M.D.,C.M.'87, M.Sc.'92, Stacey Ann Schwartz, M.D.,C.M.'87, and Kenneth McNeill Wright, B.Sc.'83, M.D.,C.M.'87. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program on the basis of financial need and good academic standing.

**CMA 150<sup>th</sup> Anniversary Bursary**

Established in 2017 by the CMA Foundation in celebration of the Canadian Medical Association's 150<sup>th</sup> anniversary. For two full-time M.D.,C.M. students enrolled in the Faculty of Medicine who are either a Canadian citizen, a permanent resident, or a person with protected/refugee status. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need. Preference will be given to students who are members of the Canadian Medical Association.

Value: varies.

Note: expendable through 2025–2026.

**David G. Guthrie Major Bursaries in Medicine**

Established in 2008 by David G. Guthrie, B.Sc.'43, M.D.,C.M.'44. Dr. Guthrie, a radiologist, wishes to acknowledge the education and opportunities provided to him by McGill and wishes to help future generations of medical students with their studies and medical ambitions. Awarded by the McGill University Scholarships and Student Aid Office to students in the M.D.,C.M. program and the Med-P year who have good academic standing and demonstrated financial need. Preference will be given to Canadian students entering the program.

Estimated value: \$5,000; renewable provided good academic standing is maintained.

**Dianne & Aldo Bensadoun Family Bursary**

Established in 2007 by Aldo Bensadoun, B.Com.'64. Awarded by the Scholarships and Student Aid Office on the basis of demonstrated financial need and academic standing to full-time students entering undergraduate degree programs in the Faculties of Agricultural and Environmental Sciences, Arts, Management, Science, Engineering, Law, and Medicine.

Estimated value: \$5,000; renewable.

**Dr. Alexander Macdonald Memorial Bursary**

Established in 1983 by Barbara S. McPhee in memory of her grandfather, Alexander Macdonald, M.D.,C.M. 1889. Awarded by the Scholarships and Student Aid Office to undergraduate medical students with good academic standing and financial need.

**Dr. Ben Benjamin Memorial Bursary**

Established by his sisters in memory of the late Ben Benjamin, B.A., M.D.,C.M., Lecturer in the Department of Pediatrics. Awarded on high academic standing and financial need to medical students by the Scholarships and Student Aid Office.

**Dr. Clarence Rosenhek Memorial Bursary**

Established in 2016 in memory of Dr. Clarence Rosenhek, M.D.,C.M.'40, by his family. Awarded by the Scholarships and Student Aid Office on the basis of demonstrated financial need and good academic standing to undergraduate medical students in the Faculty of Medicine.

Value: varies.

**Dr. David Cynberg Memorial Bursary**

Established in 2015 through the generous bequest of Renata Zenwirt-Cynberg, for undergraduate and graduate students enrolled in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of demonstrated financial need and academic standing.

**Dr. David M. and Donalda L. Harvey Scholarship**

Established in 1995 by Dr. David M. Harvey M.D.'55, and his wife Donalda L., to support medical students based on academic standing and demonstrated financial need. The scholarship is tenable in any year and may be renewed. Awarded by the Scholarships and Student Aid Office.

Value: varies.

**Dr. David T.W. Lin Foundation Scholarship**

Established in 1993 in honour of Dr. David T.W. Lin, B.Sc.'37, M.D.'40, O.C., Surgeon Emeritus at the Royal Victoria Hospital, Honorary President of the Montreal Chinese Hospital and a leader in the Chinese community. Awarded by the Scholarships and Student Aid Office to a medical student on the basis of academic achievement and demonstrated need. Preference will be given to students of Chinese origin.

**Dr. E.M. Fisher Memorial Scholarship**

Available to any medical undergraduate student and awarded by the Scholarships and Student Aid Office.

**Dr. Elfric D. Brown Bursary in Medicine**

Established in 1973 by a bequest from the late Elfric D. Brown, M.D.,C.M. The income provides bursaries to help deserving students in the Faculty of medicine.

Value: varies.

**Dr. Harold N. Lyngne Bursaries**

Established in 2004 by Dr. Harold N. Lyngne, M.D.,C.M.'49, for one or more undergraduate medical students in good academic standing in the Faculty of Medicine who demonstrate financial need. Awarded by the Scholarships and Student Aid Office on the basis of financial need.

**Dr. Henry Kenneth Neilson Bursary**

Established in 1986 to be used to further the education of worthy medical students. Awarded by the Scholarships and Student Aid Office on the basis of academic standing and financial need.

**Dr. J. Robert Bowen and Veronica A. Bowen Bursary**

Established in 2009 through the estate of the late J. Robert Bowen, M.D.,C.M.'45. Awarded by the Scholarships and Student Aid Office to students in the Faculty of Medicine on the basis of financial need and good academic standing.

**Dr. J.H.B. Allan Scholarships**

Available to undergraduate medical students in any year. Awarded by the Scholarships and Student Aid Office.

**Dr. Jacob C. Schwartzman Scholarship**

Established in 1983 by Helaine Livingstone, B.A.'60, in memory of her father, Dr. Jacob C. Schwartzman, M.D.,C.M.'27. To be awarded to a student in the Faculty of Medicine on the basis of academic standing and financial need. Candidates must be Canadian or Permanent Residents.

**Dr. Maude E. Seymour Abbott Scholarships**

Established in 1938 in honour of the late Maude E. Abbott, B.A., M.D., F.R.C.P.(Canada), LL.D.(McGill), to commemorate her distinguished work in connection with the history of Canadian medicine, the Sir William Osler Pathological Collection, and her outstanding research in congenital cardiac disease. Awarded by the Scholarships and Student Aid Office to undergraduate medical students on the basis of academic standing and financial need.

**Dr. Maurice Brodie Memorial Scholarship**

Established in 1993 by Edna S. Brodie in memory of her husband, Dr. Maurice Brodie, M.D.'28. Awarded on the basis of academic standing and financial need by the Scholarships and Student Aid Office to undergraduate students in the Faculty of Medicine.

**Dr. Milton C. and Nina E. Wilson Award**

Established in 1970 by a bequest from the late Milton C. Wilson. The annual income provides support for Undergraduate or Postgraduate students in the Faculty of Medicine who are in financial need.

**Dr. Paul Sohi Bursary**

Established in 2013 by Paul Singh Sohi, M.D.,C.M.'88, for full-time undergraduate students in their final year of the M.D.,C.M. program. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

**Dr. Richard and Mrs. Polly Valeriotte Medical Students Support Bursary**

Established in 2011 by Richard Valeriotte, B.Sc.'52, M.D.,C.M.'57, and Polly Valeriotte, B.A.'53, for one or more undergraduate students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

**Dr. Stanley L. Eidinger Memorial Bursary**

Established in 2013 by family and friends of Stanley L. Eidinger, B.A.'43, M.D.,C.M.'49. Awarded by the Scholarships and Student Aid Office to one or more full-time students in the Faculty of Medicine on the basis of good academic standing and demonstrated financial need.

**Dr. W.B. and Dr. M.H. Chung Entrance Bursaries in Medicine**

Established in 2006 by Dr. Wallace B. Chung, M.D.'53, and his wife, Dr. Madeline H. Chung. Awarded by the Scholarships and Student Aid Office to full-time undergraduate students entering the Faculty of Medicine, M.D.,C.M. program, on the basis of demonstrated financial need and academic achievement.

Estimated value: \$5,000; renewable.

**Edythe and David Carlin Bursary**

Established in 2016 in memory of Edythe and David Carlin by their son, Michael Lawrence Carlin, M.D.,C.M.'88, in support of undergraduate students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of demonstrated financial need and good academic standing to students entering or enrolled in the M.D.,C.M. program in the Faculty of Medicine.

Value: varies.

**Eva and Maurice Posternack Bursary in Medicine**

Established in 2013 by Charles Posternack, B.Sc.'77, M.D.,C.M.'81, in loving memory of his parents, Eva and Maurice Posternack. Awarded by the Scholarships and Student Aid Office to students enrolled in the Faculty of Medicine who demonstrate financial need, are in good academic standing, and are paying the international tuition fee rate. Preference will be given to American citizens.

**Faculty of Medicine Bursary Fund**

Established in 1992 by the University to provide assistance to students in the Faculty of Medicine. Awards are granted on the basis of academic standing and financial need.

**Frederick Penton Loftus Lane Bursary Fund**

Established in 1979 by a bequest from Esther M.E. Lane. Awarded by the Scholarships and Student Aid Office to undergraduate medical students on the basis of academic standing and financial need.

**Frieda and Carl A. Bodensieck Memorial Bursary**

Established in 1998 by a bequest from Frieda Taylor Emmett to assist students in the pursuit of studies in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office.

**G. Sheldon Rothwell and Robert S. Rothwell Bursaries**

Established in 2007 by Robert S. Rothwell, M.D.,C.M.'71, in memory of his father G. Sheldon Rothwell, M.D.,C.M.'37, for one or more students. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and financial need. Preference is to be given to M.D.,C.M. students but Med-P students are also eligible for this award.

**George Lyman Masten Scholarships**

Established in 2000 through a bequest by Charles H. Masten, M.D.,C.M. 1893. Awarded by the Scholarships and Student Aid Office to students in the Faculty of Medicine, with a preference to candidates born or educated in the counties of St. Johns or Stanstead, Quebec, to provide need-based scholarships for meritorious and needy students.

**George Wior Foundation Bursaries**

Three bursaries in the amount of \$2,500 each, awarded annually to students in financial need with good academic standing. One bursary to a student in each of second, third and fourth year of the M.D.,C.M. program. The bursary is renewable only if academic standing is maintained.

**Gustav Levinschi Scholarship**

Endowed in 1986 for needy medical students requiring assistance in the pursuit of their studies. Awarded by the Scholarships and Student Aid Office.

**H.E. Herschorn Bursary**

Established under the will of the late H.E. Herschorn, N.P., B.A. 1911, B.C.L. 1914, for a deserving student, studying for the B.Sc., B.A., M.D.,C.M., LL.B., or B.C.L. degree in the intermediate or any subsequent year of the course.

**Heller Family Entrance Scholarship**

Established in 2007 by William Jacob Heller, B.Com.'78. Awarded by the Scholarships and Student Aid Office on the basis of demonstrated financial need and academic standing to full-time undergraduate degree students entering the Faculties of Medicine, Management and Arts.

Estimated value: \$5,000 each; renewable.

**Hyman Druckman Bursary**

Established in 1998 by a bequest from Hyman Druckman. Awarded by the Scholarships and Student Aid Office to deserving students in the Faculty of Medicine with financial need.

**Ives Scholarship**

Established in 1967 by a bequest of David Fraser Murray, M.D.,C.M. 1924. Awarded by the Scholarships and Student Aid Office on the basis of financial need with preference given to students from Nova Scotia, New Brunswick or Prince Edward Island.

**J. Alexander Hutchison Bursaries**

Established in 2007 by J. Lawrence Hutchison, B.Sc.'49, M.D.,C.M.'53, Dip. Int. Med.'58, in honour of his grandfather, J. Alexander Hutchison, M.D.,C.M. 1884, Professor of Surgery and Chief of Surgery at the Montreal General Hospital. Awarded by the Scholarships and Student Aid Office on the basis of financial need to one or more students in good academic standing in the M.D.,C.M. or Med-P programs.

**Jack Auerbach Memorial Bursary**

Established in 2001 through a bequest by Jack Auerbach for students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of financial need.

**James Grahame Ker and Frederick K. Petrie Memorial Scholarship**

Awarded to a student from Eastern Ontario (Counties of Dundas, Stormont, Glengarry, Grenville, Carleton, Russell and Prescott) or from Montreal. Based upon distinguished academic standing and financial need; tenable in second year and may be renewed. Awarded by the Scholarships and Student Aid Office to medical students.

**James H. Cummings Scholarships**

Bequeathed by the late James H. Cummings. Awarded by the Scholarships and Student Aid Office to undergraduate medical students on the basis of academic standing and financial need.

**John and Barbara Altshuler Entrance Bursaries in Medicine**

Established in 2006 by David Altshuler and the Altshuler family, in honour of his parents, John Altshuler, B.Sc.'55, M.D.,C.M.'59, and Barbara Altshuler, DIP. P.Th.'58. Awarded by the Scholarships and Student Aid Office to a full-time undergraduate student entering the Faculty of Medicine M.D.,C.M. program, on the basis of demonstrated financial need and academic achievement. Renewable for a maximum of four years, provided the holder maintains the same level of financial need and academic standing.

Estimated value: \$5,000 each.

**Joseph Israel Bennett Bursary**

A bequest from the late Joseph Israel Bennett provides an annual bursary for a deserving medical student. Awarded by the Scholarships and Student Aid Office.

**Kanekichi and Shizue Ohashi Bursary**

Established in 2011 by David O'Hashi, B.Sc.'57, M.D.,C.M.'61, in memory and honour of his parents. Full value of bursary to be awarded annually to a Canadian student holding an undergraduate degree, entering or enrolled in the M.D.,C.M. program in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of financial need.

Estimated value: \$5,000.

**Keith Hutchison Memorial Scholarships**

Two or more scholarships, in memory of the late Dr. Keith Hutchison. Awarded on the basis of distinguished academic standing and need; tenable in any year. The recipient in any session may reapply for the following year.

**Kinch Memorial Bursary**

Established by Miss Dia Joyce in memory of Mr. and Mrs. C.H. Kinch to assist medical undergraduates. Awarded by the Scholarships and Student Aid Office.

**Laura Crawford Bursary**

Established in 1987 by a bequest from Laura Crawford, for one or more students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of demonstrated financial need and good academic standing to Canadian students entering or enrolled in the Faculty of Medicine.

**Leonard and Carol Berall and Family Bursaries**

Established in 2004 by Leonard and Carol Berall and family for undergraduate medical students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of financial need to one or more students in good academic standing.

**Margaret Lock Prize in Social Studies of Medicine**

Established in 2005 by Dr. Margaret Lock for graduate students who have completed at least one year of study towards an advanced degree. Awarded by the Faculty of Medicine to an outstanding student who demonstrates high academic standing in either the Anthropology or Sociology of Medicine or Science and Technology Studies programs.

Value: varies.

**Marjorie Hampson Bursaries**

Established in 2005 by Lawrence G. Hampson, B.Sc.'47, M.D.,C.M.'49, M.Sc.'53, Dip. Surgery'55, in memory of his wife Marjorie Hampson, for one or more medical students in good academic standing who demonstrate financial need. Awarded by the Scholarships and Student Aid Office.

**Mark J. Cohen Bursaries in Medicine**

Established in 2003 by Mark J. Cohen, M.D.,C.M.'92, for M.D.,C.M. students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of financial need to one or more students in good academic standing.

**Martha Jane Poulson Memorial Scholarship**

Established in 2002 by the Class of Medicine 1980 to honour the memory of Martha Jane Poulson, M.D.,C.M.'80. Dr. Poulson exemplified excellence in the practice of both the art and science of Medicine. She also had a remarkable commitment to developing her skills and sensitivities in the arts and humanities. As a concert pianist, singer, and leader in her community, she overcame physical adversity with emotional and spiritual strength that awed her friends and colleagues. Awarded on the basis of financial need by the Scholarships and Student Aid Office to medical students in good academic standing. Preference shall be given to students with physical disabilities.

**Mary and Stuart Webster Bursary Fund**

Established in 2001 through a generous gift from Mary G. Webster, B.A.'38. The annual income will be used to assist Canadian students entering Medicine or related health sciences programs who have demonstrated financial need.

Value: minimum \$5,000; renewable subject to satisfactory standing.

**Maureen Peszat Bursary**

Established in 2015 by the late Maureen Peszat, B.N.'66, for full-time students entering their third year of the M.D.,C.M. program in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

**Merle Peden Bursary**

Endowed in 1992 by the Medicine Class of 1957 on the occasion of its 35th reunion in appreciation of Merle Peden, B.Com.'32, who was Secretary of the Faculty of Medicine from 1953 to 1967. Awarded on the basis of financial need to students in the undergraduate medical program.

**Mila Oh Bursary**

Established in 2011 by the Class of Medicine 1995 in memory of their late classmate, Mila Oh. Awarded by the Scholarships and Student Aid office to students in the M.D.,C.M. program on the basis of financial need and good academic standing.

**The Montreal Medico-Chirurgical Society Bursaries**

Established in 2007 by The Montreal Medico-Chirurgical Society, these bursaries honour the history of the Society and its interest in advancing the profession through serious scholarship and to perpetuate its dedication to community service. The Med-Chi Society was active in the Montreal Medical Community from its inception in 1843 until 2007. Awarded by the Scholarships and Student Aid Office to one or more students in the M.D.,C.M. program on the basis of financial need.

**Mr. and Mrs. Saul Radowitz Scholarship**

Established in 2002 by a bequest from Rosalind Radowitz. Awarded by the Scholarships and Student Aid Office to first-year students in the Faculty of Medicine on the basis of financial need.

**Muriel and Ernest Corso Bursaries in Medicine**

Established in 2007 through a bequest by Muriel Corso in memory of Muriel and Ernest Corso. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. or Med-P program on the basis of financial need to one or more students in good academic standing.

**Nancy Catherine Hall Scholarship**

Established in 1994 through a bequest from Queena M. Esdale in memory of Nancy Catherine Hall, B.Sc.'48, M.Sc.'50. Awarded by the Scholarships and Student Aid Office to first-year students in the Faculty of Medicine on the basis of academic standing and financial need. Preference will be given to women.

**Nat Christie Scholarships**

Established in 1982 by the Nat Christie Foundation thanks to a gift from Dr. Clara Christie Might, M.D.,C.M. 1925, the youngest sister of Nat Christie, and first woman to practice obstetrics and gynaecology in Alberta. These scholarships are awarded by the Scholarships and Student Aid Office to one or more medical students in good academic standing who demonstrate financial need.

Value: minimum \$1,200.

**Phyllis Aida Daly du Fresne Kennedy Memorial Bursary**

Established in 1984 by family and friends in memory of Mrs. Kennedy. Awarded to undergraduate students in Occupational Therapy, Physical Therapy, Nursing or Medicine. Preference is given to those not eligible for other financial assistance.

**R.E. Powell Bursary Fund**

Established in 1976 by the family of the late R.E. Powell, Chancellor of McGill from 1957 to 1964, to assist students from outside the Montreal area. Open to undergraduate students in the faculties of Science and Medicine who have satisfactory academic standing and need financial assistance. Preference is given to students from the Saguenay district (Arvida, Chicoutimi, Jonquière, Sacré-Coeur, etc.).

**Reuben Ross Memorial Award**

The income from a bequest of the late Reuben Ross provides an annual award to medical students in financial need. Awarded by the Scholarships and Student Aid Office.

**Richard Mackler Major Entrance Bursary**

Established in 2009 by Dr. Richard Mackler. Awarded by the Scholarships and Student Aid Office to outstanding students entering the Faculty of Medicine on the basis of good academic standing and demonstrated financial need.

Estimated value: \$5,000.

**Robert Rolf Struthers Bursary**

The income from a bequest of Robert Rolf Struthers (Medicine 1918) provides support for a needy Canadian student entering third-year Medicine. Awarded by the Scholarships and Student Aid Office.

**Robert Sharwood Memorial Scholarship**

Tenable in any year of the undergraduate course in Medicine. It is awarded by the Scholarships and Student Aid Office on the basis of distinguished academic standing and financial need.

**Rubin Becker Bursary**

Established in 2013 by Salvatore Guerrera and other grateful patients, in honour of Rubin Becker, B.Sc.'72, M.D.,C.M.'76, to support one or more full-time students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

**Samuel Eidlow Memorial Bursary**

Established for worthy medical undergraduate students with financial need. Awarded by the Scholarships and Student Aid Office.

**Samuel Rosenfeld Bursary**

Established by Ida Rosenfeld Letovsky in memory of her late husband, Samuel Rosenfeld, to support worthy undergraduate medical students. Awarded by the Scholarships and Student Aid Office.

**Shirley Auld Bursaries**

Established in 2007 by Dr. Peter Auld, M.D.,C.M.'52, in memory and in honour of his late wife, Shirley Auld. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program on the basis of financial need.

**Simon And Rosalie Halpern Memorial Scholarship**

Established by the late Dr. Fanny G. Halpern in memory of her parents. Awarded by the Scholarships and Student Aid Office to medical students of the Roman Catholic or Jewish faith who have distinguished academic standing and financial need.

**Solomon David Sacks Bursary**

Established in 1973 by Mr. and Mrs. Issie Sacks in memory of their son, to assist a deserving medical student in financial need. Awarded by the Scholarships and Student Aid Office.

**Sydney Blidner Memorial Scholarship**

Established in 1996 by a bequest of the late Pauline Blidner Krupp in memory of her brother. Awarded by the Scholarships and Student Aid Office to worthy undergraduate students in any year in the Faculty of Medicine on the basis of academic standing and financial need.

**Tannenbaum Entrance Bursary**

Established in 2009 through the generous bequest of Mr. Hyman O. Tannenbaum to assist students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office to one or more students on the basis of financial need and good academic standing.

Estimated value: \$5,000.

**T. F. Rose Bursary**

Established in 2010 through the generous bequest of Sylvia Rose, honouring the wishes of her late husband, T.F. Rose, M.D.,C.M.'43, for undergraduate students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

**Walter J. Hoare Memorial Scholarship**

Endowed by the late Dr. Charles W. Hoare, a graduate of McGill University, in memory of his son, Walter J. Hoare, who was killed in World War I. Preference is given to graduates of the Collegiate Institutes of the counties of Essex, Kent and Lambton entering the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office.

**Winnifred And James Fergus Memorial Bursary**

Established in 2012 by Evelyn Fergus, in memory of her parents, Winnifred and James Fergus, for one or more students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

Value: varies.

## 7.4.2 Loan Funds

**Alec and Sylvia Dollin Loan Fund**

Established in 1965 by Mr. Alec Dollin to provide loans for medical students.

**Boright Loan Fund**

Established in 1963 by a bequest from the late George H. Boright to provide loans to deserving medical students.

**Boswell James Loan Fund**

Established in 1943 by Dr. A. Boswell James to provide loans for undergraduates and graduate medical students.

**Clement C. Clay Memorial Loan Fund**

Established in 1985 by a bequest from Clement C. Clay, M.D.'32, to provide loan assistance for students born in the United States who are registered in the Faculty of Medicine.

**David M. Caldwell Student Loan Fund**

Established in 1973 by a bequest from the late David M. Caldwell, M.D. 1919, to assist students in the Faculty of Medicine, with preference to American students.

**George W. Merck Memorial Loan Fund**

Established in 1960 by the Merck Company Foundation to provide loans for undergraduate medical students, interns, and residents.

**Gertrude Mudge Memorial Student Aid Fund**

Established in 1958 by donations from students, graduates, and staff in memory of the late Gertrude Mudge, for many years Assistant Secretary of the Faculty of Medicine. Available to medical students. Loans shall not exceed the fees for the year.

**Kellogg Loan Fund**

Established by the Kellogg Foundation. Available to students in good standing and with financial need.

**Lacey Loan Fund**



Established in 1962 by a donation from Mrs. Herbert Van Devanter Lacey of Cheyenne, Wyoming, primarily to aid medical students from the State of Wyoming. It may however be extended to others in accordance with the following priorities: dental students from Wyoming; medical students from other states of the U.S.A.; medical students from other countries. Loans are not to exceed \$2,000 per year.

**Weston Fay Volberg Jr. Memorial Loan Fund**

Established in 1956 by classmates of the late Weston Fay Volberg Jr., M.D.,C.M.'53. It is available to medical students.

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## 7.5 Undergraduate Medicine Awards, Prizes, and Medals

For more information, contact [studentrecords.med@mcgill.ca](mailto:studentrecords.med@mcgill.ca).

### 7.5.1 YEAR 1: FMD 1

**David Williams Leadership Award**

Established in 2012 by David Williams, B.Sc.'76, M.Sc.'83, M.D.,C.M.'83, D.Sc.'07, to recognize one or more medical students in their first or second year of the M.D.,C.M. program who have exemplified principles of leadership; setting direction, motivating people and modeling the way. Preference will be given to students involved in the following areas: community outreach, education, research or student life. Awarded by the Faculty of Medicine. Value: varies.

**Epidemiology Book Prize**

Awarded to the student who obtains the highest standing in the Molecules to Global Health course.

Value: varies.

**F. Slater Jackson Prize**

Founded by Mr. and Mrs. H.F. Jackson in memory of their son, the late F. Slater Jackson, M.D. Awarded to the student with the highest standing in the Molecules to Global Health course.

Value: varies.

**James Q. Bliss Annual Book Award**

Awarded to the student who obtains the highest standing in the Renal course.

Value: varies.

**Joseph Hils Prize**

Founded by the late Dr. Joseph Hils, of Woonsocket, R.I.. Awarded to the student who obtains the highest standing in the Movement course.

Value: varies.

**Mary and Louis Streicher Prize**

Established in 1980. Awarded to the student with the highest standing in the Digestion and Metabolism course.

Value: varies.

**Samuel Rosenfeld Prize**

Awarded to the student with the highest standing in the Defense course.

Value: varies.

**Shirley Nancy Endman Prize**

Established in 1982 by Louis Endman in memory of his wife. Awarded to the student who obtains the second highest standing in the Renal course.

Value: varies.

### 7.5.2 YEAR 2: FMD 2

**Carlo Bos Prize**

Established in 1991, in memory of Dr. Carlo Bos, a humane and respected psychiatrist who taught a multitude of medical students at the Allan Memorial Institute. Awarded to the student who, in the TCP Integrated Assessment course, has demonstrated the strongest performance in the skills preparatory to the practice of medicine.

Value: varies.

**Dr. Arthur S. Solomon Award**

Presented to the student attaining the second highest standing in the FMD – Fundamentals of Medicine and Dentistry component of the curriculum.

Value: varies. (awarded by Dentistry – Medicine & Dental students).

**Francis Mcnaughton Prize**

Established in 1980, awarded to the student with the highest standing in the Human Behaviour course.

Value: varies.

**Joseph Morley Drake Prize**

Founded by the late Joseph Morley Drake, M.D.. Awarded to the student with the highest standing in the FMD – Fundamentals of Medicine and Dentistry component of the curriculum.

Value: varies.

**Mark Nickerson Prize**

Established in 1990 by the Department of Pharmacology and Therapeutics in honour of Professor Mark Nickerson, a renowned McGill pharmacologist. Awarded to the student who has achieved excellence in the FMD – Fundamentals of Medicine and Dentistry curriculum component and has demonstrated the most promise, as defined by the Department, in the field of pharmacology and therapeutics in contemporary society.

Value: varies.

**Merck Canada Award**

A Merck Manual and prize are awarded annually to a student who has achieved excellence in the Fundamentals of Medicine and Dentistry component and has demonstrated the most promise, as defined by the Department of Pharmacology and Therapeutics, in the field of Pharmacology.

Value: varies.

**Robert B. Greenblatt Prize**

Endowed in 1987 by Dr. Robert B. Greenblatt, an eminent endocrinologist and Professor Emeritus at the Medical College of Georgia, who graduated from McGill with a B.A. in 1928 and an M.D.,C.M. in 1932. Awarded to the student who obtains the highest standing in the Reproduction and Sexuality course.

Value: varies.

**Samuel Wigdor Scholarship in Medicine**

Established in 2014 by the late Samuel Wigdor, B.A.'52, for outstanding M.D.,C.M. students in the Faculty of Medicine. Awarded by the Faculty of Medicine to students who have completed at least one year of the M.D.,C.M. program on the basis of high academic standing.

Value: varies.

**Sutherland Prize**

Founded in 1878 by the late Mrs. Sutherland in memory of her husband, William Sutherland, M.D., formerly Professor of Chemistry in the Faculty of Medicine. Awarded to the student who obtains the highest standing in the FMD – Fundamentals of Medicine and Dentistry component of the medical undergraduate curriculum.

Value: varies.

**7.5.3 YEAR 2: TCP****Campbell Howard Prize in Clinical Medicine**

Founded by Mrs. Campbell Howard in memory of the late Dr. Campbell P. Howard, Professor of Medicine at McGill. Awarded to the student with the highest standing in the Transition to Clinical Practice – Internal Medicine course component of the medical undergraduate curriculum.

Value: varies.

**Christine Hwang Leadership Award**

Established in 2015 by Christine Hwang, M.D.,C.M.'92, to recognize a second-year medical student in the Faculty of Medicine who fosters/nurtures a positive environment amongst his or her classmates through leadership, initiative, and community involvement. Awarded by the Faculty of Medicine upon recommendation of the Medical Students' Society.

Value: varies.

**Class of Medicine 1988 Community Health Alliance Project (CHAP) Prizes**

Established in 2014 by the Class of Medicine 1988 in honour of their 25th anniversary of graduation, to recognize one or more medical students in the M.D.,C.M. program. The Prizes will be awarded to those who have undertaken the best community project within the Community Health Alliance Project (CHAP), with a view to affecting positive change in the society. Awarded on an annual basis by the Faculty of Medicine on the basis of merit.

Value: varies.

**Harry S. Gross Memorial Prize**

Bequeathed by the late Mrs. Esther B. Gross in memory of her late husband, Harry S. Gross, D.D.S. 1913, M.D.,C.M. 1921. Awarded to the student with the highest standing in the Transition to Clinical Practice Surgery course.

Value: varies.

**Mr. and Mrs. J.A. Besner Prize**

Awarded to the student obtaining the highest standing in the Transition to Clinical Practice component.

Value: varies.

**7.5.4 YEAR 3****Albert William Fulton Scholarship in Medicine**

Established in 2013 through the generous bequest of the late Emily Tatiana Fulton, in memory of her husband, Albert William Fulton, B.A.'58, whose love and appreciation of history and teaching enriched his life. Awarded by the Faculty of Medicine to an outstanding student enrolled in the full-time undergraduate, M.D.,C.M. program on the basis of academic merit. Preference will be given to Canadian students.

Value: varies.

**CMA 150<sup>th</sup> Anniversary Award**

Established in 2017 by the CMA Foundation in celebration of the Canadian Medical Association's 150<sup>th</sup> anniversary. For one full-time M.D.,C.M. student enrolled in the Faculty of Medicine who is either a Canadian citizen, a permanent resident, or a person with protected/refugee status. Awarded by the Faculty of Medicine to a student in the M.D.,C.M. program who is in good academic standing and has exemplified the values of professionalism, including but not limited to: honesty and integrity, respect, responsibility and accountability, commitment to self-improvement, and collaboration. Preference will be given to a student who is a member of the Canadian Medical Association.

Value: \$15,000.

Note: expendable through 2025–2026.

**Goodwin Prize in Forensic Medicine**

Established in 1953, awarded annually to a third year student enrolled in the "Formation of the Healer and Professional" course who writes the best essay in response to topics given for the end of the year assignment. The students will be instructed that the essay should represent the integration of concepts taught in the course along with their own personal experiences and observations in the clinical practice during clerkship.

Value: minimum \$1,500.

**Winifred Margaret Ross Prize in Palliative Care**

Established in 2009 through the estate of Winifred Margaret Ross, M.Sc.'48, M.D.,C.M.'52. Awarded by the Faculty of Medicine for the best essay written in the field of palliative care to one student in their third year and one student in their fourth year of the M.D.,C.M. program.

Estimated value: \$1,500 each.

**7.5.5 YEAR 4: Graduation****Abdul K.I. and Zai Razack Memorial Medical Student Prize for Social Justice in Medicine**

Established in 2012 by Dr. Saleem Razack, a faculty member, for outstanding graduating medical students who have demonstrated a commitment to addressing the health care concerns of local identified vulnerable and marginalized populations through either research or advocacy during medical school. Awarded by the Faculty of Medicine.

Value: varies.

**Alexander D. Stewart Prize**

Founded by the late W. Grant Stewart (Arts, 1885; Medicine, 1888) in memory of his brother, the late Alexander D. Stewart (Medicine, 1888). Awarded to the member of the graduating class who, in the opinion of the Faculty, presents in every aspect the highest qualifications to practise the profession.

Value: varies.

**Brian Newton Memorial Award**

Established by the Class of Medicine 1985, in appreciation for the education they received at McGill, and in memory of their fellow classmate Brian Newton, B.Sc.'81, M.D.,C.M.'85. Awarded by the Faculty of Medicine's Committee on Student Promotions and Curricular Outcomes to the student who obtains the highest standing in the Obstetrics and Gynecology clerkship.

Estimated value: \$2,500.

**Dr. Allen Spanier Prize for Professionalism in Medicine**

Established in 1999 by Beverly Spanier, B.A.'67 to honour the memory of her brother Dr. Allen Spanier, M.D.,C.M.'72. Dr. Spanier was chief of the Intensive Care Unit at the Jewish General Hospital for 21 years. Awarded annually by the Faculty of Medicine to a graduating student who has maintained high academic standing and exhibited a high standard of professionalism and compassion towards patients, their families, fellow students, and University and hospital staff during the Practice of Medicine component of the curriculum. In case of equally meritorious candidates, financial need will be used to determine the recipient.

Minimum value: \$500.

**Dr. Joseph Tanzman Award**

Established in 1975 in honour of Dr. Joseph Tanzman, M.D. 1927. Awarded to a medical student in any given year from the Province of New Brunswick, as a preference. If in any year no such candidate is available, the award may be made to any deserving student in the Faculty of Science. Awarded by the Scholarships Committee of the Faculty of Medicine or the Faculty of Science as the case may be.

**Dr. Mark Cohen Prize in Ophthalmology**

Established in 2009 by Mark Cohen, M.D.,C.M.'92. Awarded annually by the Faculty of Medicine to a graduating student who has completed the M.D.,C.M. program with strong academic standing and who will be pursuing a residency in a Canadian ophthalmology post-graduate training program.

Value: varies.

**E. David Sherman Award in Geriatric Medicine**

Awarded to the most outstanding student in the field of clinical geriatric medicine. Awarded by the Faculty of Medicine Scholarships Committee.  
Value: minimum \$1,500.

**Elaine E.L. Wang M.D.,C.M. Humanitarian Prize**

Established in 2015 by Elaine E.L. Wang, M.D.,C.M.'77, for a graduating student of the M.D.,C.M. program in the Faculty of Medicine who has demonstrated excellence in humanitarian care and a caring attitude in his or her work. This may include, for example, work with a global health organization, or work with disadvantaged, homeless or stigmatized populations and patients locally in Montreal, within Canada, or abroad. Awarded by the Faculty of Medicine on the basis of academic standing and demonstrated commitment to the betterment of society and the health care system.  
Value: \$2,000.

**Elizabeth Ann Munro Gordon Prize**

Established in memory of Dr. Elizabeth Ann Gordon. Awarded to the member of the graduating class who, in the opinion of the Faculty, presents in every respect the highest qualifications to practise the profession of medicine and has demonstrated outstanding leadership abilities.  
Value: \$750.

**H.S. Birkett Memorial Prize in Otolaryngology**

Established by Miss Winifred Birkett in memory of her father, the late Dr. H.S. Birkett, formerly Professor of Otolaryngology. Given to the student who has shown outstanding performance in Otolaryngology.  
Value: varies.

**J. Francis Williams Prize in Medicine and Clinical Medicine**

Founded by the late J. Francis Williams, M.D. Awarded to the student obtaining excellence in the Internal Medicine Clerkship of the medical curriculum.  
Value: varies.

**John H. Altshuler Prize in Family Medicine**

Established in 2006 by David Altshuler and the Altshuler family, in honour of his father, John Altshuler, B.Sc.'55, M.D.,C.M.'59. Awarded annually by the Faculty of Medicine to a graduating medical student with the highest mark in the family medicine clerkship.  
Estimated value: \$1,000.

**Keenan Memorial Prize in Clinical Surgery**

Established by the late Miss Charlotte Mildred Hagar in memory of the late Dr. Campbell B. Keenan. The prize will be awarded to the student in the graduating class who has shown the highest proficiency in Clinical Surgery as determined by the Chair of the Department of Surgery. The winner of the Robert Forsyth Prize is ineligible for this award.  
Value: \$1,700.

**McGill Alumnae Society Prize**

Presented upon graduation to a distinguished student for excellence and high academic standing. Preference given to women students.  
Value: varies.

**Mona Bronfman Sheckman Prize**

Established in 1953. Awarded annually to a fourth year student in the Faculty of Medicine for the highest standing in Psychiatry.  
Value: minimum \$1,250.

**Montreal Children's Hospital Student Prize for Pediatrics Excellence**

Established in 1959 and endowed in 2011 by Dr. Harvey Guyda, former Chair of the department of Pediatrics and Associate Executive Director of the Montreal Children's Hospital of the MUHC. Awarded to the student with the highest standing in Pediatrics in their final year.  
Value: varies.

**Newell W. Philpott Award**

Established in 1986 by the Department of Obstetrics and Gynecology in honour of Newell W. Philpott, M.D. 1926, Chairman of the Department from 1943 to 1956. This award is to commemorate Dr. Philpott's excellence as a teacher of medical students and residents as well as his many contributions in the field and to the Department of Obstetrics and Gynecology. Awarded to a graduating student for academic achievement and clinical excellence on the recommendation of the Department.  
Value: \$500.

**Psychiatry Prize**

Awarded on the recommendation of the Department of Psychiatry to the student who has shown the most promise in this field.  
Value: varies.

**Reilly Madsen Prize**

Established to honour the memory of Reilly Madsen who was Manager, Records and Research, Development and Alumni Relations Services. Awarded, on recommendations from faculty and students, to a student with good academic standing who had demonstrated exceptional warmth and empathy towards patients.

Value: \$600.

#### **Robert Forsyth Prize**

Bequeathed by the late Miss Jeanie Forsyth, awarded annually to the graduating student who has shown particular ability in all branches of Surgery.  
Value: varies.

#### **Ronald Douglas Naymark Award**

Established by the Medical Class of 1984 in memory of Ronald Douglas Naymark, B.Sc., M.D.,C.M. (McGill), this award is given to that member of the graduating class who most enriches the life of the class in the eyes of his or her peers. The award seeks to recognize an individual who inspires trust and confidence, optimism and enthusiasm in his or her medical colleagues. The individual is a participant in class activities and is in satisfactory academic standing.

Estimated value: \$500.

#### **Scriver-Steinberg Convocation Prize in Human Genetics and Metabolism**

Established in 2013 by Charles R. Scriver, B.A.'51, M.D.,C.M.'55, D.Sc.'07, a renowned geneticist and Alva Professor Emeritus of Human Genetics at McGill, and H. Arnold Steinberg, B.Com.'54, LL.D.'00, Chancellor of McGill and past Senior Executive of Steinberg Inc., who began working together in the early 1970s to solve problems: some affecting the health of populations, others affecting citizens with rare genetic diseases. This prize recognizes a person with exceptional potential to translate knowledge into practice to make a difference in the well-being of patient, family, or community. Awarded by the Faculty of Medicine to a deserving graduating M.D.,C.M. student who has pursued research in the field of genetics and metabolism, or to a student who has either completed his/her Ph.D. as part of the M.D.,C.M.&Ph.D. program, or has completed his/her Ph.D. while in medical school.

Value: varies.

### **7.5.6 Medals**

#### **Holmes Gold Medal**

Founded by the Medical Faculty in 1865, in memory of the late Andrew Holmes, M.D., LL.D., Dean of the Faculty. It is awarded to the student graduating with the highest aggregate standing in the entire medical curriculum.

#### **Wood Gold Medal**

Endowed by Casey A. Wood, M.D., LL.D., in memory of his grandfather, Thomas Smith Wood. It is awarded for the most outstanding clinical performance achieved by a student in the Clerkship Period. The winner of the Holmes Medal is not eligible.

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## **8 Programs of Study, Admission, and Curriculum**

If there is any discrepancy between the information presented here and that presented at [www.mcgill.ca/medadmissions](http://www.mcgill.ca/medadmissions), the latter will prevail.

*Most information is available in both English and French at [www.mcgill.ca/medadmissions](http://www.mcgill.ca/medadmissions).*

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### **8.1 About Medical Programs**

#### **8.1.1 Location**

##### **Faculty of Medicine**

Administrative Offices  
3605 de la Montagne Street  
Montreal QC H3G 2M1  
Canada  
Website: [www.mcgill.ca/medicine](http://www.mcgill.ca/medicine)

##### **Educational Services**

McIntyre Medical Sciences Building  
3655 Promenade Sir-William-Osler, Room 601  
Montreal QC H3G 1Y6  
Canada  
Website: [www.mcgill.ca/medicine/medicaleducation](http://www.mcgill.ca/medicine/medicaleducation)

##### **General Information**

Administrative Offices: 514-398-3515

Educational Services: 514-398-1768  
 Admissions Information: 514-398-3517  
 Website: [www.mcgill.ca/medicine/about/contact](http://www.mcgill.ca/medicine/about/contact)

### 8.1.2 Medical Societies

All registered medical students are part of the **McGill Medical Students' Society Inc.** Please refer to [section 4: Medical Societies](#) to find out what this means to you, and to learn more about student activities and resources.

### 8.1.3 Undergraduate Medical Programs

For information about the Faculty of Medicine, its mission, and its objectives please refer to the [section 1: Medicine](#) faculty section.



**Note:** For a schedule of fees of any of these programs, please consult the [Student Accounts office](#) website.

#### [section 8.1.4: Doctor of Medicine and Master of Surgery \(M.D.,C.M.\) Medicine](#)

A four-year undergraduate medical curriculum leading to the M.D.,C.M. (*Medicinae Doctorem et Chirurgiae Magistrum*) degree. The curriculum objectives correspond to the Faculty of Medicine's mission to equip the student to meet the highest standards of medical practice and professionalism and to ensure career-long excellence in whole-person care. Upon completion of the program, the graduate will be able to function responsibly, in a supervised clinical setting, at the level of an undifferentiated physician. The program emphasizes the fundamental sciences and scientific methodology as pillars of medical knowledge. It provides traditional lectures and small group teaching, as well as laboratory and computer teaching.

The curriculum consists of four components:

- Fundamentals of Medicine and Dentistry (FMD)
- Transition to Clinical Practice (TCP)
- Clerkship
- Physicianship

Units in the Physicianship component are introduced sequentially. For selected students, the program includes a one-year integrated clerkship in Gatineau/Hull or elsewhere outside the city of Montreal. Promotion criteria are the same as in Montreal.

Electronic media, multimedia, and other information technologies are used by the Faculty for teaching purposes and to promote learning. Therefore, students should expect to be audio- and/or video-recorded as part of the program; for example, with learning being done at the Steinberg Centre for Simulation and Interactive Learning.

The language of instruction is English. The student is expected to have a working knowledge of the English language (comprehension, spoken, and written) from the outset of the M.D.,C.M. program. The student is also expected to have a working knowledge of the French language (comprehension, spoken, and written) from the outset of the M.D.,C.M. program. By the time they begin their clinical years, students have to be proficient in French. Please refer to [section 8.6.6: Language Proficiency](#) for further details.

The Faculty does not accept students for part-time medical studies.

#### [section 8.1.5: Doctor of Medicine & Master of Surgery with Master of Business Administration \(Joint M.D.,C.M. & M.B.A.\) Medicine & Management](#)

The M.D.,C.M. & M.B.A. program recognizes that there is an increasing demand in the health care sector for physicians with management skills and expertise. This is a five-year program in which the first year is spent in the Desautels Faculty of Management completing the M.B.A. core as well as building a solid background in health care management.

Then, the students will begin their medical studies, which will be integrated with additional elective courses in management. This will provide the opportunity to train well-rounded physician-managers who can eventually pursue careers in a wide range of health care areas, from the smallest clinic to the largest tertiary health care facility; from research laboratory to university or hospital medical departments, as well as the private sector within pharma/biotechnology firms and the health insurance sector, among others.

#### [section 8.1.6: Doctor of Medicine & Master of Surgery with Ph.D. \(Joint M.D.,C.M. & Ph.D.\)](#)

Students interested in a research career in academic medicine may apply to the joint M.D.,C.M. & Ph.D. program. This 7-year program offers the basic and clinical sciences portion of the medical curriculum from September of year one to December 31 of year two, prior to the beginning of full-time graduate studies. These graduate studies are expected to last three to (no more than) four years, by which time all course work and research requirements for the Ph.D. degree must be completed and a thesis submitted. The defence of the thesis will ordinarily take place at a later date. From January of year five to May of year seven, students will complete the requirements for the M.D.,C.M. degree. Throughout the seven years, students in the M.D.,C.M. & Ph.D. program meet at two-week intervals during the academic year to discuss their research; attend research seminars from clinician-scientists from within, as well as outside, the McGill scientific community; and network with other students in the program.

**section 8.1.7: Doctor of Medicine & Master of Surgery with Oral & Maxillofacial Surgery (Joint M.D.,C.M. & O.M.F.S.) Medicine & Oral and Maxillofacial Surgery**

McGill University, through the Faculties of Medicine and Dentistry, offers a joint M.D.,C.M. & Oral and Maxillofacial Surgery Program. Upon successful completion of this six-year program, students will receive an M.D.,C.M. degree from the Faculty of Medicine and a Certificate in Oral and Maxillofacial Surgery from the Faculty of Dentistry.

**Admission Requirements**

Candidates must possess a D.D.S. or D.M.D. degree from an accredited North American dental school and be eligible to obtain a limited dental license from the *Ordre des dentistes du Québec*. (A limited license can be issued by the *Ordre des dentistes du Québec* without prior testing of French language competency.)

Candidates must also pass the National Board of Medical Examiners Comprehensive Basic Science Examination prior to commencing the program and receive a grade above 70%. Please check the [AAOMS website](#) for more details. Results must be available prior to the application deadline.

Candidates must be certified in ACLS prior to the start of the program.

**Application Information**

Admission is through the Faculty of Dentistry. All applications must be submitted electronically at [www.mcgill.ca/applying/apply](http://www.mcgill.ca/applying/apply) (Application Type: postgrad Med/Dent Education).

The application period starts August 1; the application deadline is September 1.

**section 8.1.8: Bachelor of Science (B.Sc.) - Medicine Preparatory Program (Med-P Program)**

Med-P is a special program for immediate graduates of the Quebec Collegial (CEGEP) system and consists of a preparatory year of coursework in the Faculty of Science followed by the standard four-year M.D.,C.M. program.

**8.1.4 Doctor of Medicine and Master of Surgery (M.D.,C.M.) Medicine**

Conferral of the M.D., C.M. degree follows successful completion of the 4 curricular components of the MD, CM Program: Fundamentals of Medicine and Dentistry (year 1 and the first part of year 2), Transition to Clinical Practice (second part of year 2), Clerkship (years 3 and 4) and Physicianship (longitudinal throughout all 4 years). Program objectives are based on clinical presentations and competencies essential to the practice of medicine, as defined by Canadian authorities (e.g. Medical Council of Canada, Royal College of Physicians and Surgeons of Canada and the College of family Physicians of Canada). Graduates are expected to be able to function responsibly, in a supervised clinical setting, at the level of an "undifferentiated" physician (see <http://www.mcgill.ca/ugme/mdcm-curriculum-joint-programs>).

Note: The M.D., C.M. graduate may apply for a license only to practice medicine in a supervised (postgraduate residency training program) setting, and not for independent practice.

**Required Courses (200 credits)**

**Fundamentals of Medicine and Dentistry**

INDS 111	(6)	Molecules to Global Health
INDS 112	(6)	Respiration
INDS 113	(8)	Circulation
INDS 114	(8)	Digestion and Metabolism
INDS 115	(6)	Renal
INDS 116	(6)	Defense
INDS 117	(6)	Infection
INDS 118	(6)	Movement
INDS 123J1	(1)	Research Fundamentals 1
INDS 123J2	(1)	Research Fundamentals 1
INDS 123J3	(1)	Research Fundamentals 1
INDS 124J1	(1)	Longitudinal Family Medicine Experience
INDS 124J2	(1)	Longitudinal Family Medicine Experience
INDS 124J3	(1)	Longitudinal Family Medicine Experience

INDS 125J1	(0)	Reflection and Evaluation 1
INDS 125J2	(0)	Reflection and Evaluation 1
INDS 125J3	(0)	Reflection and Evaluation 1
INDS 211	(6)	Reproduction and Sexuality
INDS 212	(12)	Human Behaviour
INDS 223	(1.5)	Research Fundamentals 2
INDS 225	(0)	Reflection and Evaluation 2

**Transition to Clinical Practice**

ANAE 301	(2)	TCP Anesthesia
FMED 301	(3)	TCP Family Medicine
IMED 301	(7)	TCP Internal Medicine
INDS 224J1	(.666)	Community Health Alliance Project - C.H.A.P
INDS 224J2	(.667)	Community Health Alliance Project - C.H.A.P
INDS 224J3	(.667)	Community Health Alliance Project - C.H.A.P
INDS 305	(1)	Transition to Clerkship
INDS 323	(0)	TCP Integrated Assessment
NEUR 301	(2)	TCP Neurology
OPHTH 300	(1)	TCP Ophthalmology
PAED 301	(2)	TCP Pediatrics
RADD 301	(1)	TCP Radiology
SURG 301	(4)	TCP Surgery

**Clerkship**

ELEC 400	(4)	Elective 1 Clerkship
ELEC 401	(3)	Elective 2 Clerkship
ELEC 402	(3)	Elective 3 Clerkship
ELEC 403	(3)	Elective 4 Clerkship
ELEC 404	(3)	Elective 5 Clerkship
FMED 405	(8)	Family Medicine Clerkship
IMED 401	(8)	Internal Medicine Clerkship
IMED 407	(4)	Geriatric Medicine Clerkship
INDS 408	(4)	Emergency Medicine Clerkship
INDS 421	(8)	Transition to Residency
INDS 423	(0)	Clerkship Integrated Assessment 1
INDS 424	(0)	Clerkship Integrated Assessment 2
INDS 426	(6)	Putting It All Together: Basic Science, Medicine and Society
INDS 427	(1)	Public Health and Preventive Medicine Clerkship
OBGY 401	(6)	Obstetrics and Gynecology Clerkship
PAED 401	(6)	Pediatrics Clerkship
PSYT 401	(8)	Psychiatry Clerkship
SURG 402	(8)	Surgery Clerkship



**Physicianship**

INDS 119J1	(1)	Clinical Method 1
INDS 119J2	(1)	Clinical Method 1
INDS 119J3	(1)	Clinical Method 1
INDS 122J1	(.667)	Physician Apprenticeship 1
INDS 122J2	(.667)	Physician Apprenticeship 1
INDS 122J3	(.666)	Physician Apprenticeship 1
INDS 219	(1.5)	Clinical Method 2
INDS 222J1	(.5)	Physician Apprenticeship 2
INDS 222J2	(.5)	Physician Apprenticeship 2
INDS 222J3	(.5)	Physician Apprenticeship 2
INDS 300	(1.5)	Mindful Medical Practice - Transition to Clinical Practice
INDS 302	(1.5)	Medical Ethics and Health Law
INDS 320J1	(.5)	Formation of the Professional and Healer
INDS 320J2	(.5)	Formation of the Professional and Healer
INDS 320J3	(.5)	Formation of the Professional and Healer
INDS 322J1	(.5)	Physician Apprenticeship 3
INDS 322J2	(.5)	Physician Apprenticeship 3
INDS 322J3	(.5)	Physician Apprenticeship 3
INDS 422D1	(.25)	Physician Apprenticeship 4
INDS 422D2	(.25)	Physician Apprenticeship 4
IPEA 500	(0)	Roles in Interprofessional Teams
IPEA 501	(0)	Communication in Interprofessional Teams
IPEA 502	(0)	Patient-Centred Care in Action

**Elective Course (0-4 credits)**

ELEC 200	(0)	Global and Public Health Pre-Clerkship Elective
ELEC 300	(4)	Elective

**8.1.5 Doctor of Medicine & Master of Surgery with Master of Business Administration (Joint M.D.,C.M. & M.B.A.) Medicine & Management**

\*\* This program is currently closed for admissions. \*\*

The M.D.,C.M. & M.B.A. program recognizes there is an increasing demand in the health care sector for physicians with management skills and expertise. This is a five-year program in which the first year is spent in the Desautels Faculty of Management completing the M.B.A. core as well as building a solid background in health care management. Then, students will begin their medical studies, which will be integrated with additional elective courses in management. This will provide the opportunity to train well-rounded physician-managers who can eventually pursue careers in a wide range of health care areas, from the smallest clinic to the largest tertiary health care facility; from research laboratory to university or hospital medical departments, as well as the private sector within pharma/biotechnology firms and the health insurance sector, among others.

Balancing quantitative and qualitative studies, students also develop the intangible business skills required in today's dynamic workplace - the abilities to apply knowledge to the greatest benefit of the organization, to make effective decisions, to both work in teams and lead others, and to adapt to non-structured situations. The M.B.A. program employs a unique curriculum, including a blend of case studies, exercises, discussions, group work, and lectures, as well as an international study trip.

Students join the regular Medicine class in their second year at McGill, beginning a four-year program in medical studies. Advanced Management courses focusing on health care issues are integrated into the electives schedule of the medical curriculum, rounding out the Management portion of the program.

The language of instruction is English. The student is expected to have a working knowledge of the English language (comprehension, spoken, and written) from the outset of the M.D.,C.M. program. Due to early clinical exposure in bilingual settings, the student is also expected to have a working knowledge of the French language (comprehension, spoken, and written) from the outset of the M.D.,C.M. program.

Upon graduation, students receive an M.B.A. degree from the Desautels Faculty of Management and an M.D.,C.M. degree from the Faculty of Medicine.

For full M.B.A. and M.D.,C.M. curricula, please see the graduate Management section at [www.mcgill.ca/study/faculties/desautels](http://www.mcgill.ca/study/faculties/desautels) and the Medicine section at [www.mcgill.ca/study/faculties/medicine/undergraduate/programs/mdcm-doctor-medicine-and-master-surgery](http://www.mcgill.ca/study/faculties/medicine/undergraduate/programs/mdcm-doctor-medicine-and-master-surgery).

### **8.1.6 Doctor of Medicine & Master of Surgery with Ph.D. (Joint M.D.,C.M. & Ph.D.)**

Students interested in a research career in academic medicine may wish to apply for admission to the joint M.D.,C.M. & Ph.D. program. This is a seven-year program in which the basic and clinical sciences portion of the medical curriculum are completed from September of Year One to December 31 of Year Two, prior to the beginning of full-time graduate studies. The latter are expected to last three, but no more than four, years by which time all course work and the research requirements for the Ph.D. degree must have been completed and a thesis submitted. The defence of the thesis will ordinarily take place at a later date. From January of Year Five to May of Year Seven, students will complete the requirements for the M.D.,C.M. degree. Throughout the seven years, students in the M.D.,C.M. & Ph.D. program meet each Thursday evening during the academic year to discuss their research, hear research seminars from clinician-scientists, and network with other students in the program.

Once accepted to the M.D.,C.M. & Ph.D. program and during the first year of the combined program, students begin the process of choosing a supervisor and research laboratory for their Ph.D. studies. The McGill Faculty of Medicine Winter and Summer Research Bursary provide excellent opportunities for exploring potential laboratories. Research is usually carried out on a topic in the biomedical sciences within one of the Basic Science or Clinical Science Departments within the Faculty of Medicine. With the help of the M.D.,C.M. & Ph.D. Program Advisory Committee, students must choose a supervisor and department for their Ph.D. studies by September of Year Two and be accepted for admission to graduate studies by McGill Graduate and Postdoctoral Studies.

The language of instruction is English.

For the full M.D.,C.M. curriculum, please refer to the Medicine section at [www.mcgill.ca/study/faculties/medicine/undergraduate/programs/mdcm---doctor-medicine-and-master-surgery](http://www.mcgill.ca/study/faculties/medicine/undergraduate/programs/mdcm---doctor-medicine-and-master-surgery).

### **8.1.7 Doctor of Medicine & Master of Surgery with Oral & Maxillofacial Surgery (Joint M.D.,C.M. & O.M.F.S.) Medicine & Oral and Maxillofacial Surgery**

McGill University, through the Faculties of Medicine and Dentistry, offers a joint M.D.,C.M. & Oral and Maxillofacial Surgery Program. Upon successful completion of this six-year program, students will receive an M.D.,C.M. degree from the Faculty of Medicine and a Certificate in Oral and Maxillofacial Surgery from the Faculty of Dentistry. The program is fully-accredited by the Commission on Dental Accreditation of Canada. The M.D.,C.M. degree is fully accredited by the Liaison Committee for Medical Education and the Council on Accreditation of Canadian Medical Schools.

The program is based at the McGill University Health Centre (MUHC), The Montreal General Hospital, which is a level-one trauma centre, serving downtown Montreal and surrounding areas. The MUHC is one of the most comprehensive university centres in North America. Each year it receives over 802,000 ambulatory visits including 134,000 emergency department visits.

The language of instruction is English.

For the full M.D.,C.M. curriculum please refer to [www.mcgill.ca/study/faculties/medicine/undergraduate/programs/mdcm-doctor-medicine-and-master-surgery](http://www.mcgill.ca/study/faculties/medicine/undergraduate/programs/mdcm-doctor-medicine-and-master-surgery).

For more detailed information, see: [www.mcgill.ca/dentistry/6-year-integrated-mdcm-omfs-residency-program](http://www.mcgill.ca/dentistry/6-year-integrated-mdcm-omfs-residency-program).

### **8.1.8 Bachelor of Science (B.Sc.) - Medicine Preparatory Program (Med-P Program)**

The Faculty of Medicine offers a special program for immediate graduates of the Quebec Collegial (CEGEP) system, which consists of one year of coursework in the Faculty of Science followed by the standard four-year M.D.,C.M. program. During the Med-P year, students are registered in the Faculty of Science. All campus-wide services including student advising, tutorship, financial aid, and academic support are available to Med-P students.

The Med-P curriculum consists of courses in molecular biology, cell biology and metabolism, organic chemistry (where applicable), along with a selection of courses in fields such as computer science, intermediate chemistry, physiology, and mathematics. Students are required to take courses in the Humanities and Social Sciences, along with electives of their choosing for the purpose of broadening and enriching their education.

In order to successfully complete the Med-P year and to be admitted to the M.D.,C.M. program, students must obtain a minimum of a "B" grade in each of the compulsory courses and a minimum cumulative grade point average (CGPA) of 3.5. Students who do not meet the above criteria are subject to review and may be: (a) admitted with or without conditions; (b) required to pursue a second preparatory year, or (c) invited to re-apply for admission upon completion of an undergraduate (Bachelor's degree).

There are many more applicants for the Med-P program than can be accepted. Unsuccessful applicants are generally well-qualified for admission into other undergraduate degree programs (e.g., B.A., B.Sc., etc.). In their own interest, all applicants are encouraged to apply to an alternate program. This can be done by making a second program selection when submitting an online application via Minerva.

The language of instruction is English.

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## 8.2 Other Programs Offered Within the Faculty of Medicine

### 8.2.1 Bachelor of Science (B.Sc.) Programs

For Bachelor of Science (B.Sc.) programs available from the departments in the Faculty of Medicine, consult the [Faculty of Science Undergraduate](#) section.

### 8.2.2 Graduate Studies and Research in the Medical Sciences

Opportunities for graduate work in the basic medical and clinical sciences leading to the degrees of **M.Sc.** and **Ph.D.** are offered by many of the departments of the Faculty of Medicine; details of these programs are included in the Graduate and Postdoctoral Studies sections of the [Faculty of Science](#) and the [Faculty of Medicine](#).

By special arrangement, studies for the degree of **M.Sc.** can be pursued concurrently with work towards the **M.D.,C.M.** degree. In addition, a combined **M.D.,C.M. & Ph.D.** program is available (see [section 8.1.6: Doctor of Medicine & Master of Surgery with Ph.D. \(Joint M.D.,C.M. & Ph.D.\)](#)). Details of professional programs available can be found at [section 8.1: About Medical Programs](#).

Research in clinical disciplines is carried out at all locations of the McGill University Health Centre:

- MUHC Glen Site;
- Montreal General Hospital;
- Montreal Neurological Institute and Hospital.

Research opportunities are also available at the Lady Davis Institute of the Jewish General Hospital, the Douglas Mental Health University Institute and the Shriners Hospital for Children. For administrative purposes, graduate work in several clinical departments is grouped under the *Division of Experimental Medicine* and the *Division of Experimental Surgery*. Other departments administer individual graduate programs. Consult the [Faculty of Science](#) and [Faculty of Medicine Graduate and Postdoctoral Studies](#) sections for a description of the programs, or consult the full list of [Departments, Schools & Centres](#) within the Faculty of Medicine to view their respective websites.

Inquiries concerning research training in the medical sciences should be directed to the Chair or Graduate Program Director of the department in which the candidates wish to receive their graduate education.

### 8.2.3 Graduate Training Programs in the Clinical Departments

The Faculty of Medicine, in conjunction with the affiliated teaching hospitals, offers a wide variety of programs leading to McGill Certificates of Residency Training and certification by the *Collège des médecins du Québec* (CMQ), the College of Family Physicians of Canada, and the Royal College of Physicians and Surgeons of Canada. For information on the graduate medical programs available and eligibility and funding, please consult [www.mcgill.ca/pgme](http://www.mcgill.ca/pgme).

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## 8.3 Admission Procedures and Requirements

If there is any discrepancy between the information presented here and at [www.mcgill.ca/medadmissions](http://www.mcgill.ca/medadmissions), the latter will prevail.

The Faculty of Medicine of McGill University conducts a rigorous, multi-criteria evaluation of applications to its programs. Admissions criteria and the selection process correspond to the Faculty's mission to equip students to meet the highest standards of medical practice and professionalism and to ensure career-long excellence in whole-person care. The Admissions Committee's guiding principles are: **seeking excellence, inclusivity, alignment, fairness, and transparency**.

Understanding that our graduates will go on to serve diverse communities in Quebec, Canada, and beyond, applicants should demonstrate a deep commitment to, and evidence of, a pursuit of excellence in academic work, ethical and professional conduct, and awareness of the complexities of the world in which they will go on to hold privileged positions of service and leadership.

The Faculty of Medicine welcomes and encourages applications from students from all backgrounds, including students from underrepresented ethnic, cultural, and racial groups, sexual minorities, and from all socio-economic backgrounds.

### Indigenous Canadian Applicants

McGill University and the Faculty of Medicine welcome applications from candidates from across the provinces and territories who self-identify as belonging to First Nations, Inuit, and Métis communities. A number of resources covering academic and non-academic support are available to Indigenous students within the Faculty and across the University campus, such as First Peoples' House, the Indigenous Access McGill Program (housed in the School of Social Work), and the Aboriginal Health Interest Group (a medical student association).

For more information, please consult [section 8.4.5: Eligibility for Special Admission Pathways](#), and the [Office of Admissions](#) website.

### Office of Admissions, Faculty of Medicine

McGill University  
1010 Sherbrooke Street West, Suite 1210  
Montreal QC H3A 2R7 Canada  
Telephone: 514-398-3517

Fax: 514-398-4631  
 Email: [admissions.med@mcgill.ca](mailto:admissions.med@mcgill.ca)  
 Website: [www.mcgill.ca/medadmissions](http://www.mcgill.ca/medadmissions)  
 Twitter: [@mcgillmedadm](https://twitter.com/mcgillmedadm)

### 8.3.1 Special Admissions Pathways

#### 8.3.1.1 First Nations and Inuit Faculties of Medicine Program of Quebec (FNIFMPQ)

The First Nations and Inuit of Quebec Faculties of Medicine Program (FNIFMPQ) (*Programme de formation de médecins des Premières Nations et Inuits de Québec*; PFMPNIQ) was established in 2008. Under this program, four positions for medical training in any of the four Quebec faculties of medicine are available for eligible applicants. Eligibility requirements:

1. The applicant must be a member of the First Nations or Inuit, under the Indian Act (RSC, C1-5) or in the Inuit registry.
2. The applicant must be a resident of Quebec.
3. The applicant must have a minimum R-Score of 28 or equivalent university CGPA.

The four FNIFMPQ spots are available for all of Quebec's faculties of medicine (*Université Laval, Université de Montréal, McGill University, and Université de Sherbrooke*). The choice of university is based on the candidate's preference and the available spots in the faculties.

Applicants with First Nations or Inuit status may choose whether or not to declare their status. If they decide to declare and confirm their status as a member of the First Nations or Inuit of Quebec, they will be considered as part of the regular Quebec contingent (evaluation of application according to the regular selection process for this contingent, with participation in the McGill bilingual multiple mini-interviews (MMI) based on academic record) as well as part of the First Nations and Inuit contingent. It is thus possible for a candidate's application to be processed for both contingents in parallel.

Applicants who elect not to declare their First Nations or Inuit status will be considered along with every other applicant in the regular Quebec contingent.

For more information on the First Nations and Inuit Faculties of Medicine Program of Quebec (FNIFMPQ), please contact:

Yves Sioui  
 FNI Faculties of Medicine Program Coordinator  
 First Nations of Quebec and Labrador Health and Social Services Commission  
 Office: 418-842-1540, ext. 2710 or 418-656-2131, ext. 3641  
 Email: [yves.siou@cssspnql.com](mailto:yves.siou@cssspnql.com)  
 Website: [www.jedeviensmedecin.com](http://www.jedeviensmedecin.com)

Candidates in this category with a university degree or whose degree will be conferred by July 31 before the program start date can apply for the M.D.,C.M. program. The Admissions Committee may require a preparatory year as a condition of admission. Candidates in this category who have not started university-level studies must apply for the Med-P program. A bachelor's degree is required for application to the joint programs. Assessment of academic strength is based on the academic record in conjunction with the curriculum vitae.

#### 8.3.1.2 Non-Traditional Pathways (NTP) University-Level Applicants

A select number of positions are available to residents of Quebec who have pursued a "non-traditional" pathway (NTP) in their journey to the career choice of medicine. Applicants to these positions are generally mature students who have spent a period of time in the workforce.

Eligibility requirements:

1. Quebec residency status fully established by the application deadline (November 1);
2. Applicant must hold a complete undergraduate (bachelor's) degree by July 31 of the entering year of medicine per the educational requirements WITH THE FOLLOWING EXCEPTION:
  - the undergraduate degree used as the basis of admission may have been completed on a part-time basis.
3. Applicant is not eligible to apply in any other applicant category;
4. Applicant meets all other admission requirements and conditions for medical programs WITH THE FOLLOWING EXCEPTIONS:
  - NTP applicants may apply for admission with partially complete (minimum of four out of the seven required prerequisite courses) and/or out-of-date (more than eight years from the date of application) basic science prerequisites. Any or all of the four required courses could be out of date.



**Note:** Applicants with no basic science prerequisites whatsoever will not be considered.

Successful NTP applicants will be admitted to a Qualifying year to be undertaken chiefly in the Faculty of Science. NTP students in the Qualifying year must maintain a cumulative grade point average of at least 3.5, with no grades lower than a B in order to continue on into the four-year M.D.,C.M. program. NTP applicants are also not eligible to apply to joint programs offered by the Faculty of Medicine.

For more details, please consult the [Office of Admissions website](#).

### 8.3.1.3 International Medical Graduates (with Advanced Standing)

The Faculty of Medicine accepts applications from international medical graduates (IMG), i.e., applicants who have obtained a recognised medical degree outside Canada or the United States, who are also residents of Quebec. Applications will be accepted from qualified international medical graduates (from a university outside of Canada or the U.S.). The application deadline is November 1, and the program begins the following April.

Successful IMG applicants will enter the program at the Transition to Clinical Practice (TCP) component, starting in April and will continue into the clerkship and graduate with an M.D.,C.M. degree from McGill.



**Note:** Please note that in some circumstances (see "**International Medical Degree**" in [section 8.4: Eligibility Requirements](#)), IMG applicants can be considered for entry into the first year of the program and apply with their medical degree as their basis of admission degree in their residency cohort. An IMG application to the first year of the program (to complete all four years) is not restricted to residents of Quebec.

The number of positions available is contingent on the number of attritions from previous years and will vary; there may be years when no positions are available.

To be eligible, applicants must hold a medical degree from an accredited medical school recognized by the World Health Organization, must successfully complete the *Medical Council of Canada Evaluating Exam Part 1* (MCCEE1), must provide a Medical Student Performance Record together with an academic transcript, and must provide proof of English or French proficiency (see [section 5.2.2.1: Proof of Proficiency in English](#) and/or [Language Requirements for Professions](#)). Applicants must meet the basic science requirements and meet all other essential requirements listed. Competitive applicants will have MCCEE 1 scores that are at least 50 points higher than the passing grade.

Applicants who do not meet these conditions of eligibility or are seeking alternative options should contact the *Collège des médecins du Québec*.

Interviews are by invitation only and are conducted in a multiple mini-interview (MMI) format.

For more details, please consult the [Office of Admissions website](#).

### 8.3.2 Applicant Categories

The provincial government, by decree, determines the number and distribution (by residence) of available places for medical training in Quebec. Each applicant must submit proof of citizenship at the time of application. Canadian citizens or permanent residents of Canada must confirm the applicant category (set out below) to which they belong to at the time of application.

Applications for admission to the Faculty of Medicine are considered and assessed according to the following residence-based applicant categories:

1. **Quebec Resident:** Canadian citizen or permanent resident who is a recognized resident of the province of Quebec. This category is subdivided into:
  - a) Quebec – University: candidates holding an undergraduate (or higher) degree;
  - b) Quebec – Med-P: candidates applying directly from CEGEP to the Med-P program;
  - c) Quebec – NTP: Quebec residents applying via the Non-Traditional Pathway.
2. **Canadian (Out-of-Province):** Canadian citizen or permanent resident who is not a recognized resident of the province of Quebec.
3. **International:** Candidates who do not hold Canadian citizenship or residency and who require a permit to study in Canada (including U.S. citizens).

Applicants accepted under the Canadian (Out-of-Province) or International categories are subject to the admission rules and obligations of their assigned category for the duration of their medical studies, regardless of any subsequent change in citizenship or residency status.

The Minister of Health and Social Services of Quebec requires that Canadians (Out-of-Province) and foreign nationals holding a study permit (International applicant category), who are admitted to and wish to register for medical school in Quebec, sign a contract which stipulates a return-of-service obligation or a fine if, upon completion of medical training, they choose to stay in Quebec to practice.

The following applicant categories are for positions supernumerary to those set out in the categories listed above:

1. **Quebec First Nations or Inuit:** Residents of Quebec who are status members of a First Nation (according to the *Indian Act*) or a registered Inuit beneficiary, applying via the First Nations and Inuit Faculties of Medicine Program of Quebec (FNIFMPQ).
2. **Quebec – IMG:** Quebec residents who are International Medical Graduates (holding a medical degree from outside Canada or the United States) applying for admission with advanced standing.

Please consult [section 8.4: Eligibility Requirements](#) for further information and requirements for all of the above categories.

### 8.3.3 Academic Criteria

#### Undergraduate Degree Performance

The assessment of academic performance for M.D.,C.M. applicants holding university degrees (excluding Quebec Non-Traditional, Quebec First Nations and Inuit, and Quebec International Medical Graduate) is based on the following:

1. Undergraduate degree cumulative grade point average (DegGPA);
2. Academic performance in the basic sciences (science prerequisites);
3. Overall academic context.

The primary basis of the assessment of undergraduate degree performance is the **degree cumulative grade point average** (DegGPA) used for the basis of admission. Successful applicants have historically demonstrated a DegGPA above 3.5 out of 4.0 (average approximately 3.8). Applicants with a DegGPA below 3.5 are rarely considered to be competitive.

The Admissions Committee reserves the right not to consider those who do not have a minimum of 60 consecutive undergraduate graded credits (i.e., two full-time academic years) at the time of application.

For information on degree requirements, consult [section 8.4: Eligibility Requirements](#).

#### Performance in the Basic Science Prerequisites

The average of GPA scores in basic science prerequisite courses as undertaken either in college, university, or acceptable pre-university alternatives will be considered. The basic science GPA (SciGPA) is assessed separately from the degree GPA (DegGPA). Advanced studies in the basic sciences may also be considered in this assessment.

Candidates seeking an exemption or substitution for the basic sciences are encouraged to contact the admissions office between June and September of the year they wish to apply to medicine. The admissions office reserves the right to not consider requests for exemption or substitution for basic sciences after September 30.

Successful applicants tend to have a SciGPA above 3.5 out of 4.0 (average approximately 3.8). Applicants with a SciGPA below 3.2 are rarely considered to be competitive.

For information on basic science prerequisites, consult [section 8.4.2: Basic Science Prerequisites](#).

#### Consideration of the MCAT

Where valid MCAT results are submitted (whether required or not), results will be considered in conjunction with the SciGPA (50/50 weighting). Where the MCAT is optional, students are counselled to submit MCAT scores only if they are confident that these scores provide stronger evidence of their abilities in the basic sciences than their SciGPA would independently.



**Note:** For more information about which applicants are required to submit an MCAT score, please see [section 8.4: Eligibility Requirements](#) and [section 8.4.3: MCAT \(Medical College Admission Test\)](#).

Where valid MCAT results are submitted for the 2014 MCAT and earlier, the Biological Sciences, Physical Sciences, and Verbal Reasoning sections will be used.

Results in all categories from the 2015 and later MCAT exams will be considered. The lowest competitive score for the 2015 test is generally 508+ or above the 80th percentile.

#### Academic Context

Consideration is given to the overall academic record as represented in the DegGPA, as well as the distribution of course levels, graduate studies, and pursuit of professional programs, as evidenced in the official academic records.

Students are encouraged to pursue challenging and diverse topics, to have a progression in their course selection, and are generally expected to pursue a full course load in each of their regular sessions.

#### CEGEP Performance for Med-P Applicants

Academic performance in CEGEP for candidates applying to the Med-P program is assessed with the overall R-score (*Cote R; cote de rendement collégiale*) and the math/science R-score. Successful applicants generally have an R-score above 34.0 (average approximately 35.5). Applicants with an R-score below 32.0 are rarely considered to be competitive.



**N.B.:** Where there are more competitive applicants than there are available positions, preference will be given to those candidates advancing the strongest evidence of an ability to handle the academic demands of our medical program.

### 8.3.4 Non-Academic Qualities

The Admissions Committee attends not only to academic performance, but also to non-academic qualities. For the preliminary screening of candidates (short listing for interviews), non-academic qualities are assessed by way of the *curriculum vitae* and *CASPer test*. For candidates selected for interviews, non-academic qualities are assessed according to their performance in the multiple mini-interviews. Non-academic qualities are aligned with the learning objectives of the M.D.,C.M. program, and are closely linked to the Royal College of Physicians and Surgeons of Canada's *CanMEDS roles framework*.

These qualities include, but are not limited to:

1. compassion, empathy, care
2. insight, judgment, common sense
3. integrity, honesty
4. adaptability, tolerance, flexibility
5. creativity, innovation
6. respect for others
7. intellectual curiosity
8. reliability, dependability

9. responsibility, teamwork
10. ability to deal with conflict or stressful situations
11. leadership, initiative
12. sense of assurance despite ambiguity or self-confidence
13. community involvement, social activism
14. level of professionalism, respect for the public at large
15. personal development

### 8.3.5 File Review Process

Positions to train in medicine in Quebec are determined by governmental decree; please see [section 8.3.2: Applicant Categories](#). Students within each cohort compete with each other for a pre-determined number of positions within the particular cohort.

Each year, the *Office of Admissions* determines the number of interviews that will be held for each cohort. When an application is received, it is ranked among others in the same cohort according to academic performance. There is no strict GPA threshold; rather, ranking is based upon the relative strength of academic performance of a given application in comparison to others in the same cohort. On the basis of this preliminary academic performance ranking, a review of the supporting documents for competitive candidates within a given cohort is carried out. Supporting documents are reviewed for approximately four to six times the number of candidates that we anticipate interviewing; i.e., if we intend to interview 50 people in a particular cohort, an evaluation of supporting documents for the top 200-300 files is conducted in order to determine which 50 candidates will be invited to interview.

For those applicants who are invited to attend the multiple mini-interviews, note that a final rank order list (which includes those who will receive an offer of admission and those who will be placed on a waiting list) is calculated as follows:

**M.D.,C.M. applicants:**

Multiple Mini-Interviews: 80%

Basic Science performance: 20%

**Med-P, IMG, and NTP applicants:**

Multiple Mini-Interviews: 100%

The waiting list remains active for as long as is feasible and necessary; sometimes until the beginning of classes.



**Note:** These formulas are guidelines only and are subject to review and change by the Admissions Committee at any time and without notice.

### 8.3.6 Interview Process

Selected candidates will be invited by the Faculty of Medicine for an on-site interview session. Attendance is by invitation only, sent via electronic mail by the date published according to the applicant category. Candidates cannot be admitted without interviews. Interviews are an important tool for the Admissions Committee to evaluate those strengths and qualities that cannot be evaluated in a transcript or C.V.

Interviews are in multiple mini-interview (MMI) format and are conducted in-person at the Faculty of Medicine. These mini-interviews consist of multiple stations that can be task-oriented, simulation- or scenario-oriented, or discussion-oriented. Stations are designed to evaluate the various qualities, abilities, and skills aligned with the M.D.,C.M. *Program Learning Objectives* and relevant elements of the Royal College of Physicians and Surgeons of Canada's *CanMEDS roles*. Interviews are offered in English and French.

Interview sessions are scheduled for a half-day. Applicants are expected to keep their calendar open for interview dates. It is the applicant's responsibility to be available for the scheduled interview and to plan travel accordingly. No repeat interview sessions or special accommodations are available to those who do not attend their originally scheduled time. Therefore, if candidates are not present for their interview for any reason, the file will no longer be considered.

## 8.4 Eligibility Requirements



**Note:** Additional requirements are listed under [section 8.6: Requirements for Registration and Matriculation](#).

If there is any discrepancy between the information presented here and that presented at [www.mcgill.ca/medadmissions](http://www.mcgill.ca/medadmissions), the latter will prevail.

### 8.4.1 Undergraduate Degree

**For Applicants in the University Categories**



These requirements apply to applicants who apply holding university degrees in either the Quebec resident, Out-of-Province Canadian, or International categories. Quebec residents applying through the First Nations and Inuit of Quebec Faculties of Medicine Program, the Non-Traditional Pathway, or the Med-P should refer to their respective applicant category (as defined in [section 8.3.2: Applicant Categories](#)).

The degree used as the basis of admission must be successfully completed by July 31 of the year of entry to the M.D.,C.M. program. This degree must be a Bachelor's degree and meet the following conditions:

#### **Basis of Admission (Undergraduate) Degree**

A 120-credit ("four-year") or equivalent bachelor's degree from an accredited institution in any discipline. Applicants who have successfully obtained a Diploma of Collegial Studies (*Diplôme d'études collégiales*; "DEC") in a pre-university program can apply with a 90-credit program from a Quebec university.

The basis of admission degree must have been undertaken on a full-time basis (12–15 credits per term) and should be completed in the time prescribed by the program. A full course load (as defined by the institution awarding the degree) is expected in regular sessions. Summer or other interim sessions are acceptable, assuming a full-time registration in regular sessions. The Admissions Committee expects a minimum of 60 consecutive graded credits at the time of application.

#### **Second Bachelor's Degree**

Candidates holding or currently pursuing a second Bachelor's degree may use the second degree as the basis of admission degree if:

1. the first degree completed meets the above requirements;
2. a minimum of 45 new, consecutive graded credits are earned by the application deadline. The remaining 15 (or more) credits must be completed, and the degree conferred, by July 31 of the year of entry to medical school, and must be at a comparable level of performance; and
3. the second degree demonstrates a stronger academic performance.

#### **All Bachelor Degrees**

Students from all academic backgrounds are encouraged to consider medicine as a career. Prospective applicants should pursue courses of study, whether in the natural or social sciences or the humanities, which appeal to them and which have as their aim a broad education and intellectual training rather than merely anticipating the medical curriculum. The Faculty seeks to ensure, by way of the basic science prerequisites, that all students have an adequate preparation in science.

The admissions office does not consider degrees without a marking or grading system; narrative transcripts are not accepted.

#### **International Medical Degree**

Applicants who are Canadian citizens or permanent residents of Canada and who hold a medical degree awarded by a recognized university outside Canada or the United States of America may be eligible to use this medical degree to apply to the first year of the M.D.,C.M. program.

- Official transcripts sent by that university must show numerical or letter grades for all courses completed and the candidates must meet the specific requirements of science prerequisites and MCATs described under the criteria for the M.D.,C.M. program. Pre-clinical and clinical performance will be assessed. The MCAT can be submitted to contribute to the assessment of pre-clinical performance.
- An MCC exam score (MCCEE-1) is required for 2019 admission.



**Note:** Canadian citizens or landed immigrants who are international medical graduates and residents of Quebec, who have completed the equivalence requirements, and have received a letter of attestation to this effect from the *Collège des médecins du Québec* should contact the [Postgraduate Medical Education](#) office.

### **8.4.2 Basic Science Prerequisites**

Applicants must have successfully completed, by the appropriate deadlines (see Note), all of the following at a college or university level:

1. in **Biology / Biological Sciences** a minimum six (6) credits of introductory coursework, with labs;
2. in **Chemistry** a minimum six (6) credits of general (or physical) chemistry coursework, with labs; a minimum three (3) credits of organic chemistry coursework, with labs;
3. in **Physics** a minimum six (6) credits of introductory coursework, with labs;

where: minimum course hours do not include compulsory laboratory or practical work. Grades of "Pass/Fail" (Satisfactory/Unsatisfactory) or of similar schema are not acceptable in coursework (numerical or letter-class grades are required).

Academic performance in these courses will be considered; courses completed more than eight (8) years before the application deadline will not be considered; distance or correspondence education courses are acceptable only by special permission and at the discretion of the Office of Admissions (Faculty of Medicine).



#### **Notes:**

- With the exception of two (2) courses, all of the basic science prerequisite courses must be **completed at the time of application**, with grades noted on the submitted transcript. **A maximum of two (2) courses can be outstanding at the time of application.** Transcripts for these outstanding courses must be received by the Office of Admissions (Faculty of Medicine) no later than **January 15, 2019**.
- The assessment of basic science performance is based upon a candidate's academic results in the relevant science prerequisite courses as undertaken either in college, university, or acceptable pre-university alternatives as described in the requirements. Advanced studies in the basic sciences may also be considered in this assessment. Candidates seeking an exemption or substitution for the basic sciences are encouraged to contact the



admissions office **between June and September** of the year they wish to apply to medicine. The admissions office reserves the right not to consider requests for exemption or substitution for basic sciences after September 30.

- Though not required, university-level courses in **physiology, molecular biology, and cell biology & metabolism** are strongly recommended. Knowledge of statistics and genetics is also useful in the context of the M.D.,C.M. curriculum.
- Candidates applying to the M.D.,C.M. program who have completed the seven prerequisite courses and who have also completed introductory-level university courses in molecular biology, cell biology, mammalian physiology, and organic chemistry will be evaluated on whichever of the two is the most favourable to the candidate.
- Acceptable alternatives to the basic science prerequisites include: Advanced Levels (UK System), IBO Courses (Higher Level), French Baccalaureate *année Terminale, Série S* courses, and AP results (College Board, Inc.).

### 8.4.3 MCAT (Medical College Admission Test)

#### MCAT Compulsory

Any applicant whose basis-of-admission degree was awarded from a non-Canadian university is required to write and submit scores from the MCAT; submission of all MCAT results is compulsory. EXCEPTIONS:

- Candidates applying via the Non-Traditional pathway (NTP)
- International Medical Graduates applying for placement with Advanced Standing
- International Medical Graduates applying for admission into the first year of the M.D.,C.M. program who are submitting a Medical Council of Canada's Equivalence Exam (MCCEE1) score

#### MCAT Not Required

All applicants who have completed their basis-of-admission degree at a Canadian university are not required to submit an MCAT score. Applicants to the Med-P program are also not required to submit MCAT scores.

#### MCAT Optional

Applicants applying to the M.D.,C.M. program whose basis-of-admission degree was awarded by a Canadian university who are NOT applying via the Non-Traditional pathway and who are NOT submitting an MCCEE1 score, may choose to submit an MCAT score by providing their AAMC ID number on their application and releasing their results to McGill University. When optional MCAT results are submitted, they will only be used if they render the application more competitive.

#### 8.4.3.1 About the MCAT

Information regarding the MCAT, including testing dates, locations, and preparation materials can be obtained from the [American Association of Medical Colleges \(AAMC\)](#). Test takers are required to read through the MCAT Essentials document. Be aware that registration for the computer-based test is limited. We suggest that you inquire about registration as early as possible.

#### 8.4.3.2 Submitting Your Results

MCAT results must be released to and received by the Office of Admissions by the relevant application deadline. Please consult with the MCAT administrators, the [Association of American Medical Colleges \(AAMC\)](#), to arrange for the release of your scores electronically (preferred method). Paper result reports are only accepted by the Office of Admissions under exceptional circumstances and at its discretion.

#### Consideration of MCAT Results

We will accept both 2014 and 2015 versions of the MCAT after the rollout of the 2015 version. Scores are acceptable for 5 years after the last test administration.

MCAT results dating more than five (5) years from the relevant application deadline will not be considered. MCAT results received after the relevant application deadline will not be considered.

The admissions office will consider the highest overall result set of available valid sets (sittings) and will not consider the individual subset scores from separate sets. All three numerical sections—the Biological Sciences (BS), Physical Sciences (PS), and Verbal Reasoning (VR)—are considered for 2014 tests and earlier. All sections of the 2015 MCAT test will be considered.

Where valid MCAT results are submitted, results will be considered in conjunction with the SciGPA when determining the Basic Science Performance (50/50 weighting).

### 8.4.4 Requirements for Med-P

Applicants must be recognized residents of Quebec and meet the following conditions:

1. must not have been enrolled in a university program;
2. must, from the onset of collegial studies (\*1), be enrolled in only one of these following programs:
  - Science;
  - combined Science program (200.11, 200.12, 200.13, 200.15, 200.16);
  - Science + International Baccalaureate (200.10); or
  - Arts & Science (700.A0).

3. must be in the final year and obtain (by July 31 of the entering year) a Diploma of Collegial Studies (DEC) in one of the stated programs;
4. must not have extended the length of their program for reasons of personal choice (\*2);
5. must have a minimum of six courses (13.33 credits) in each regular semester (\*2);
6. must not have taken any of the prerequisite courses listed below in a context outside of a regular semester (\*2);
7. applicants are responsible for ensuring that they have completed the following courses and successfully achieved the competency codes:

**For the Science (200.xx) program:**

- Biology: NYA (00UK), General Biology II (00XU);
- Chemistry: NYA (00UL), NYB (00UM), Organic Chemistry I (00XV);
- Mathematics: NYA (00UN), NYB (00UP);
- Physics: NYA (00UR), NYB (00US), NYC (00UT).

Students in the *Sciences, Lettres et Arts (700.A0)* program must obtain the Biology objectives of 01Y5 and 01YJ (along with all other program requirements) and should complement their program with Chemistry 01YH and at least one of Physics 01YF or 01YG in order for their application to be considered. Students who are missing any prerequisites based on the list above may be asked to complete them during the preparatory year.

Students in the *IB-DEC (200.10)* program must complete (along with all other program requirements) a minimum of two courses (5.33 credits) in Biology, three courses (8.00 credits) in Chemistry, including Organic Chemistry, two courses (5.33 credits) in Mathematics and one course (2.67 credits) in Physics in order for their application to be considered. Preference is given to those who most closely adhere to the list of prerequisites above. Those admitted into the program who are missing any prerequisites will be asked to complete them during the preparatory year.

For more information on these codes and their requirements, please contact your CEGEP academic advising office.

**Students of the French Baccalaureate system:**

The Faculty accepts applicants from *Collège international Marie de France* and *Collège Stanislas* as part of this category under the following conditions:

1. must be a recognized resident of Quebec;
2. must be in the final year (*année terminale*) of the *Séries S*;
3. must have attended the institution, at minimum, for *1<sup>ère</sup> année* and *année terminale* in full, in Quebec;
4. must not have extended the length of their program for reasons of personal choice (\*1);
5. must have an R-score along with course attestation (provided by school).

**Notes:**

(\*1) Exception made for students entering a remedial program before their first DEC program.

(\*2) Students enrolled in a *Sport-études* program may be exempted from these conditions. Such applicants must submit a special form (available from [www.mcgill.ca/medadmissions/applying/elements/spor](http://www.mcgill.ca/medadmissions/applying/elements/spor)) which describes in detail all relevant sport activities.

### 8.4.5 Eligibility for Special Admission Pathways

Eligibility requirements for undergraduate medicine through the various special admission pathways are described in the [section 8.3: Admission Procedures and Requirements](#) section.

**Special Admission Pathways**

- For First Nations or Inuit applicants: [section 8.3.1.1: First Nations and Inuit Faculties of Medicine Program of Quebec \(FNIFMPQ\)](#)
- For Non-Traditional University-Level Applicants: [section 8.3.1.2: Non-Traditional Pathways \(NTP\) University-Level Applicants](#)
- Advanced Standing for International Medical Graduates: [section 8.3.1.3: International Medical Graduates \(with Advanced Standing\)](#)

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## 8.5 Procedures for Selection and Admission

If there is any discrepancy between the information presented here and that presented at [www.mcgill.ca/medadmissions](http://www.mcgill.ca/medadmissions), the latter will prevail.

### 8.5.1 Submitting an Application

All application procedures, including the submission of supporting documents, are done electronically. Consult the [Office of Admissions website](#) for details.

### 8.5.2 Deadlines

Applications for the M.D.,C.M. program or its joint programs, including those applying via a special admission pathway must be received by **November 1**. All supplemental documentation required for the application must be received by the **November 1 deadline**.



**Note:** In the event that November 1 is a Saturday or Sunday, applications will be due the **Monday** directly following.

Applications for the Med-P program must be received **by March 1**. All supplemental documentation required for the application must be received **by the March 1 deadline**.



**Note:** In the event that March 1 is a Saturday or Sunday, applications will be due the **Monday** directly following.

Applicants must open their online application at least 48 hours before the relevant deadline in order to obtain a McGill ID and password, which are necessary to complete the application process.

### 8.5.3 Notification of Decision

Decisions are released via *Minerva* and are thereafter confirmed by email. Please refer to our [website](#) for information on anticipated decision release dates by cohort.

### 8.5.4 Request for Reconsideration

It is important that candidates understand certain features of the application and admission decision-making process before requesting reconsideration. Admission to the Faculty of Medicine is highly competitive. In light of the very strong applicant pool and the limited number of places available in the first-year class, each year a number of very good applicants are not invited for interviews, or are refused after interviews. All candidacies are carefully reviewed before any decision is made. For example, an application that makes it to the interview stage will likely be reviewed by 10–20 individuals who assess the various aspects of each candidacy, from submitted documents to performance in person. This breadth of individuals involved in the selection process helps us assure fairness and thoroughness in our evaluation process.

**For these reasons, the decisions of the Faculty of Medicine admissions committee are final and not subject to appeal.** However, it is possible for applicants to request reconsideration of the application review procedures with respect to their admissions dossier at the following **two** specific points of the admission process:

1. before interviews are held;
2. before the final admission decisions are made, if they have been interviewed.

Applicants are expected to verify the admissions schedule for their category.

#### Grounds to Request Reconsideration:

An applicant may request a reconsideration of application review procedures leading to a decision (granting of interviews, offer of a position) on the basis of the following grounds:

1. administrative error in the procedure applied to the evaluation of the application;
2. the admissions committee's decision was rendered in the absence of a relevant factor that the applicant, for reasons beyond her or his control, was not in a position to provide at the time the application was submitted.

#### Process and Deadlines to Request Reconsideration:

*Applicants not invited for interview by the date published for their category:*

Submit a written request (email preferred) to the Faculty of Medicine admissions office, which must be received no later than five working days after the date published for the “notice of invitation to interviews” in the applicant's category.

This request must advance one of the two grounds for reconsideration listed above; disagreement with the outcome of the decision is not a basis for reconsideration.

*Applicants who have been granted an interview:*

Submit a written request (email) to the Faculty of Medicine admissions office. This request must be received no later than five working days after the last interview day in the applicant's respective category.

This request must advance one of the two grounds for reconsideration listed above; an applicant's disagreement with the outcome of the decision is not a basis for reconsideration.

*University Subcommittee on Admissions Review:*

Applicants who are denied a reconsideration of application review procedures prior to the final admissions committee decisions may refer their request to the University Subcommittee on Admissions Review. The subcommittee will ascertain whether the correct procedures have been followed. If the subcommittee is satisfied that the stated procedures have been followed, the decision will not be disturbed. Only if the subcommittee finds that the procedures were not followed will the file be returned to the Faculty of Medicine for reconsideration.

### 8.5.5 Acceptance of Offers or Waiting List

#### Offers of a Position

Offers for M.D.,C.M. are conditional upon conferral of a Bachelor's degree (M.D.,C.M., M.D.,C.M./Ph.D., M.D.,C.M./M.B.A. programs) or Diploma of Collegial Studies (Med-P program) and upon the successful completion by the time of registration of studies currently in progress, at a level comparable to past academic performance.

For the first series of offers, successful applicants must respond within two weeks. Should they receive an offer, candidates having been placed on the wait list may be given a shorter period of time to respond.

For students admitted to the M.D.,C.M. program, notification of acceptance of the offer must be accompanied by a deposit of CAD\$500, which will be applied to the student's tuition fees. The deposit is refundable up to May 15 for international students and up to June 15 for non-Quebec Canadians and Quebec residents applying to the M.D.,C.M., M.D.,C.M./Ph.D. or M.D.,C.M./M.B.A. programs. For students admitted to the Med-P program, notification of acceptance of the offer must be accompanied by a deposit of CAD\$400, which will be applied to the student's tuition. For Med-P applicants, the deposit is refundable up to July 15.

#### **Waiting List**

The admissions office does not release rankings of admitted students. Waitlist rankings will be released at a time when all necessary information has been processed and not necessarily when the offer for a waitlist position is made. The admissions office reserves the right to withdraw an admissions offer in the case where a candidate fails to respond within the prescribed timeframe. Candidates who accept a place on the waitlist, therefore, must be reachable at all times and keep their contact information up-to-date in [Minerva](#).

#### **Decision by Proxy**

Students may designate a delegate ("proxy") to accept or refuse an offer on their behalf, should they be unavailable for a period of time. The student must submit a written statement to this effect and must include signatures from both the applicant and the proxy.

### **8.5.6 Deferred Admission**

A written request, which includes the details on the reasons for the request (with supporting documentation), must be submitted no later than July 1 of the year in which deferral is sought. In order to request deferral, the candidate must have accepted the offer of admission. If granted, admission will only be deferred for one (1) year. Deferred admission is not granted for the Med-P program. Deferrals are granted or refused at the discretion of the Assistant Dean.

### **8.5.7 Advanced Standing or Transfer of Credits**

#### **Transfers**

There are no places available for students who wish to transfer to McGill. Students currently in medical schools are not eligible to apply to the first year of the program unless their application provides proof of withdrawal from that medical school and that they meet all the admission requirements to the M.D.,C.M. program.

#### **Credits and Advanced Standing**

The Faculty will not credit courses successfully completed before the official start in the medicine program with the exception of International Medical Graduates (IMG) accepted in the advanced standing category. For more information, see [www.mcgill.ca/medadmissions/programs/mdcm-img](http://www.mcgill.ca/medadmissions/programs/mdcm-img).

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## **8.6 Requirements for Registration and Matriculation**



**Note:** Applicants to the Faculty of Medicine may be asked to comply with some of the requirements presented below as part of the application process prior to registration.

### **8.6.1 Basic Cardiac Life Support**

Students registering in the M.D.,C.M. program are required to provide, by July 31 of the year in which they commence undergraduate medical education, proof of certification in cardiopulmonary resuscitation (CPR), level C or C+, and automated external defibrillation (AED) training. Certification must be valid at the start of the undergraduate medical education, and students are responsible for maintaining their certification throughout the program. Certification must be granted, or fully recognised, by one of the following organizations:

- [Canadian Heart and Stroke Foundation](#)
- [Quebec Heart and Stroke Foundation](#)
- [Canadian Red Cross](#)
- [St. John Ambulance](#)
- [American Heart Association](#)
- [American Red Cross](#)

### **8.6.2 Infectious Diseases and Infection Control**

#### **Immunization**

To assure that students are not exposed to undue health risks and do not pose a risk to their patients, students must provide evidence of appropriate vaccination by July 31 of the year in which they commence undergraduate medical education, according to the information provided by [McGill Student Health Service](#).

- All students must be immunized against Hepatitis B and all students must have Hepatitis B titres (HbsAb) measured. Non-converters will be tested for Hepatitis B surface antigen (HbsAg). Non-converters will be offered counseling by McGill Student Health Service. Students who test positive for the surface antigen will be referred to the Undergraduate Associate Dean. If repeat serology does not confirm immunity, and the person is not a carrier, they will be given the option of another series of vaccines or a series of intradermal vaccines to attempt sero-conversion.
- Annual vaccination for influenza is required for all students. The student should retain proof of vaccination.
- Vaccination against other infectious diseases may be required, if need arises.

You have access to McGill Student Health Service as soon as you are accepted into the program. You must call 514-398-6017 to make an appointment.

If you choose to complete your immunizations through your family physician or your CLSC, make sure to follow the McGill immunization requirements since McGill Student Health Service will not accept different immunization protocols.

The completed form(s) must be returned to McGill Student Health Service. Upload immunization documentation via [Minerva](#) as soon as possible, and by July 31 of the year in which you are commencing the undergraduate medical education program at the latest.

For the purposes of verification of compliance with the immunization requirements, you grant permission to the Office of Admissions to securely share your immunization form with the McGill Student Health Service.

All immunization requirements must be met by Orientation Day. Students who do not meet these requirements may be asked to withdraw.

For details, see [www.mcgill.ca/ugme/academic-policies/infection-control-immunization](http://www.mcgill.ca/ugme/academic-policies/infection-control-immunization).

#### Mask Fit Test

All students are required to have a Mask Fit Test in order to choose the appropriate mask for their use. Students must have a mandatory Mask Fit session prior to Transition to Clinical Practice (TCP). The University is able to offer this test free of charge.

Students who are pursuing clinical rotations in Canada or the United States may be required to be refitted prior to their arrival at the actual clinical rotation's facility.

Please see [www.mcgill.ca/studenthealth](http://www.mcgill.ca/studenthealth).

#### Policy on Students Known to be Infected with Blood-borne Viruses (e.g., Hepatitis B, Hepatitis C, and HIV)

Individuals who carry blood-borne pathogens might not be permitted to perform certain procedures that may pose a risk to patients and co-workers.

Students who are seropositive for Hepatitis B and/or C or HIV and/or any other blood-borne agent have a professional obligation to notify the [UGME office](#) upon entry into the program. Specific measures will be undertaken by the UGME office. Rotations may be modified for these students due to these circumstances.

The student will be referred to the *Service d'évaluation des risques de transmission d'infections hématogènes* (SERTIH). Modifications to clinical rotations may be made. The student will be assisted in acquiring appropriate health care. Specific career counselling will be given. Students will be advised not to select residency programs where patient safety would be put at risk. This may limit the residency programs to which the student may apply.

Should core clinical rotations need to be modified, notation of this will be made in the Medical Student Performance Record (MSPR/Dean's letter). The student is professionally responsible to self-disclose their seropositive status to the residency program to which the student matches. For details, see [www.mcgill.ca/studenthealth/immunize/forms](http://www.mcgill.ca/studenthealth/immunize/forms).

Further details are available at [www.mcgill.ca/studenthealth](http://www.mcgill.ca/studenthealth), [www.mcgill.ca/ugme/academic-policies/infection-control-immunization](http://www.mcgill.ca/ugme/academic-policies/infection-control-immunization), [www.mcgill.ca/ugme/academic-policies/infection-control-immunization/infection-control-precautions](http://www.mcgill.ca/ugme/academic-policies/infection-control-immunization/infection-control-precautions), and [www.mcgill.ca/studenthealth/immunize/forms](http://www.mcgill.ca/studenthealth/immunize/forms).

### 8.6.3 Academic Standards and Essential Skills

**Any student wishing to register with the Faculty of Medicine will be held to the standards outlined below:**

Applicants to McGill University's Faculty of Medicine are evaluated and selected on the basis of academic, personal, and extracurricular dimensions. The Faculty admits those candidates who best demonstrate the potential to become excellent physicians. Applicants are therefore expected to demonstrate that they possess the intellectual, physical, and emotional capacities to meet the requirements of the curriculum without altering the essential program elements. Furthermore, the student must meet these requirements within a reasonable period of time. McGill seeks to provide its graduates with broad general knowledge in all fields of medicine and competence required to enter graduate medical training in a variety of specialties and subspecialties.

McGill University will consider for admission to its medical school any applicant who meets its academic and non-academic criteria. Once admitted the student must demonstrate the ability to perform the skills listed in this document. In conformity with the McGill University [Policy Concerning the Rights of Students with Disabilities](#) and the Quebec Charter of Human Rights and Freedoms (R.S.Q., chapter C-12), eligible students will receive reasonable accommodations appropriate to their disability. Appropriate accommodations are defined and arranged by the Faculty of Medicine in cooperation with the [Office for Students with Disabilities](#).

The essential skills required for matriculation, promotion, and graduation at McGill University are defined according to the objectives of our curriculum which in turn are based on the CanMEDS Roles framework of the Royal College of Physicians and Surgeons of Canada and the Four Principles of Family Medicine of the College of Family Physicians of Canada. The CanMEDS roles are **Medical Expert, Communicator, Collaborator, Manager, Health Advocate, Scholar, and Professional**. The Four Principles of Family Medicine are “the family physician is a skilled clinician”, “family medicine is a community-based discipline”, “the family physician is a resource to a defined practice population”, and “the patient-physician relationship is central to the role of the family physician”. For more details see [www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/vision-mission-mdcm-program](http://www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/vision-mission-mdcm-program).

- As a **Medical Expert** and **Communicator**, the student must have abilities in the areas of observation, communication, motor, intellectual-conceptual, integration, and quantisation.

Adequate skills in observation require that the student be able to accurately observe a patient and acquire visual, auditory, and tactile information. The student must be able to decode written documents, use a stethoscope with or without aids, and observe near and distant objects.

To communicate, the student must be able to speak, write, hear, and perceive non-verbal communication. A student must be able to communicate effectively and sensitively with patients, families, and any member of the health care team. A student must also be able to summarize coherently a patient's condition and management plan verbally and in writing.

The student must possess the motor skills required to directly perform palpation, percussion, auscultation, and other diagnostic manoeuvres in a timely manner. It is also desirable that the student be able to execute motor movements reasonably required to provide general and emergency medical care.

- As a **Medical Expert** and **Scholar**, the student must demonstrate the intellectual, conceptual, integrative, and quantitative abilities to measure, calculate, reason, analyze, and synthesize the information that is gathered, and to problem-solve in a timely fashion.
- As a **Collaborator** and **Manager**, the student must be able to communicate in an efficient and effective manner with patients, their families, members of the health care team, colleagues, and teachers. S/he should be able to develop mature, sensitive, and effective relationships with these individuals. The student should also be able to function in various environments including the ambulatory setting, the hospital and other health care facilities.
- As a **Professional** and **Health Advocate**, behavioural and social attributes are particularly important and must be mastered. These include the application of good judgment and the prompt completion of all responsibilities attendant to the diagnosis and care of patients, as well as an ability to adapt to changing environments and to function in the face of uncertainties. S/he must be able to tolerate the physical, emotional, and mental demands of the program and function appropriately under stress. S/he must consistently demonstrate the emotional health required for full utilization of her/his intellectual abilities.

Compassion, integrity, concern for others, interpersonal skills, interest, and motivation are all personal qualities that physicians must demonstrate and are expected qualities of students.

The student must conform to the [Handbook on Student Rights and Responsibilities of McGill University](#) and the *code de déontologie* (code of ethics) of the *Collège des médecins du Québec* (CMQ).

Students in the Faculty will be required to maintain an overall satisfactory academic standing and to meet the said technical standards for the practise of medicine. When submitting an online application, applicants will be prompted to confirm having read this document.



**Note for Med-P:** Applicants are advised that in order to complete the Med-P year and the Medicine program, students will be required to maintain an overall satisfactory academic standing and to meet the technical standards as per the Essential Skills document for the practice of medicine. When submitting an online application, applicants will be prompted to confirm having read this document.

#### 8.6.4 Registration with the CMQ

All students studying medicine in a Quebec university are required by law to register with the *Collège des médecins du Québec* (CMQ) by September 30 of their first year of study. Electronic registration is required. All students enrolled in the M.D.,C.M. program will receive an email from the CMQ office to confirm their registration. A student who fails to comply with this requirement or who has their registration withdrawn will not be permitted to continue in the program. For details please refer to [www.cmq.org](http://www.cmq.org).

#### 8.6.5 Security (Criminal Record) Check

As stated above, students registering in the Faculty of Medicine will be expected to register with the *Collège des médecins du Québec* (CMQ) by September 30 of the first year of their medical studies. This includes an **official self-declaration** of any security/criminal dossier. The Faculty of Medicine will request the withdrawal from the Faculty of any student who does not meet the registration conditions of the CMQ.



**Note:** You may also be required by the hospitals affiliated with some Canadian and or American universities to produce a criminal background check when applying for clinical elective rotations.

#### 8.6.6 Language Proficiency

While there is no required proof of language proficiency, the official language of instruction of McGill's undergraduate medical education program is English.

Students are expected to have a working knowledge of the English language (comprehension, spoken, and written) from the outset of the M.D.,C.M. program. Due to early clinical exposure in bilingual settings, the student is also expected to have a working knowledge of the French language (comprehension, spoken, and basic written) from the outset of the M.D.,C.M. program. Students are in contact with francophone patients in the teaching hospitals and may be assigned to francophone training sites for their clinical rotations.

The Faculty of Medicine offers medical French workshops on Saturday mornings throughout the duration of the program. Extracurricular English and French language courses are available at the University and are strongly suggested if English or French language skills require improvement.



**Note:** Multiple choice exams are given in English only. Students may answer short-answer questions on exams in French or submit assignments in French.

For more information see [www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/starting-our-program-what-you-need-know/language-requirements](http://www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/starting-our-program-what-you-need-know/language-requirements).



### 8.6.7 Information Technology

Because a large portion of the curriculum is available electronically, admitted students must have a personal computer with word processing/office suite software, standard web browsers, and Internet connection. The Medicine E-curriculum can be accessed via [myCourses](#).

Portable workstations such as laptops with wireless network connectivity (Wi-Fi/802.11b or greater; see McGill Wireless Networks at [www.mcgill.ca/it](http://www.mcgill.ca/it)) are recommended. On campus, students may have access to restricted computer laboratories, printers, and limited workstations (including Macs) for temporary assistance.

Be advised that electronic media, multimedia, and other information technologies are used by the Faculty for teaching purposes and to promote learning, including being audio- and/or video-recorded as part of the program; for example, at the Steinberg Centre for Simulation and Interactive Learning. By submitting your application, you are indicating your agreement with these terms.

### 8.6.8 Standards of Behaviour and Code of Conduct

As a student in a professional faculty, individuals are expected to adhere to certain standards of behaviour. Common courtesy and respect are minimal requirements for all members of the academic community (faculty, students, and staff). Although students are in an early stage of their careers, their activities and interests are in two spheres: that of a student/learner and that of a professional (physician/dentist). Even though not yet a doctor or dentist, students are expected to abide by the standards of the profession. The general public expects medical and dental students to act like professionals. There are various codes and statements of rules and regulations which identify these expectations; some will speak primarily to the professional role, whereas others are much more relevant to the experience as a student. Many have components that overlap. For example, honesty and integrity are expected of the student and the professional. Student/faculty harassment, abuse, and mistreatment are not tolerated. For more details, see:

- [Standards of Behaviour in the Learning Environment](#);
- [Code of Conduct](#);
- [Student Mistreatment](#);
- [Guidelines for Medical Students in Social and Other Media](#);
- [WELL Office](#).

Students who demonstrate inappropriate professional conduct or are found guilty of a criminal offence may be dismissed from the program. All students should consult [www.mcgill.ca/secretariat/policies-and-regulations](http://www.mcgill.ca/secretariat/policies-and-regulations) for further information.

### 8.6.9 Medical Equipment

Students are responsible for the purchase of their own medical equipment. The following are required during the first year:

- stethoscope
- pen light
- reflex hammer
- ophthalmoscope/otoscope
- tuning forks (128Hz)
- BP cuff

The following laboratory supplies are also required:

- a white long lab coat
- anatomy dissecting kit/2 persons (not biology kit)
- one box of gloves
- one pair of safety glasses/person

Students are also responsible for purchasing two white lab jackets for the first year via the Undergraduate Medical Education Office. Information about this and the “White Coat Ceremony” will be circulated at the beginning of the first year. The Ceremony is held in September or October of the second year.

It is also recommended that students purchase a pager for TCP (Transition to Clinical Practice) and Clerkship.

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## 8.7 Registration Procedures

### 8.7.1 Program Registration

#### New Students

All students entering the four-year M.D.,C.M. program must initiate registration on the web via [Minerva](#). The Minerva registration period for newly admitted Medicine students is **June 11 to August 14, 2018**; further information is available [here](#).

In order for the official registration in the M.D.,C.M. program at McGill to be confirmed, the student must also present him or herself, with proper documentation, at the **Faculty Registration and Orientation** held from **August 21 to August 23, 2018. ATTENDANCE IS MANDATORY**. For more details, consult [www.mcgill.ca/ugme/mdcm-curriculum-joint-programs](http://www.mcgill.ca/ugme/mdcm-curriculum-joint-programs).

Failure to attend orientation will result in cancellation of the student's offer of admission to the program and registration.

For further information, consult [Minerva](#) and the registration information mailed to incoming students in June, as well as [www.mcgill.ca/importantdates](http://www.mcgill.ca/importantdates).

### Returning Students

All returning students must register on the web by adding the courses per term and year on Minerva. Returning students must register by the deadline specified or pay the appropriate late registration fees.

For further information, consult [Minerva](#) and the registration information emailed to returning students in early April, as well as [www.mcgill.ca/importantdates](http://www.mcgill.ca/importantdates).

## 8.7.2 Leaves of Absence



**Note:** This section is subject to change. For the complete Absences and Leaves Policy, students should refer to [www.mcgill.ca/ugme/academic-policies/absences-and-leaves](http://www.mcgill.ca/ugme/academic-policies/absences-and-leaves).

Leaves of absence during medical studies are generally discouraged, and the few exceptions are granted only for reasons of health or family crises. Requests for leave must be discussed with the Associate Dean (Undergraduate Medical Education) or Assistant Dean (Student Affairs). The student must submit documentation to support the leave request (*e.g.*, medical note, description of professional development plan, etc.) to the UGME Office. The M.D.,C.M. program reserves the right to impose a limitation on the number of leaves, as well as the total duration. The M.D.,C.M. program must be completed within seven (7) years (see [Promotions Regulations](#), point #35).

A leave for *medical reasons* may be granted for up to one year. Should the student request a prolongation beyond one year, the M.D.,C.M. program reserves the right to require a second opinion from a Faculty-designated physician. A student returning from a medical leave must provide documentation from the treating physician/professional counsellor attesting to the student's readiness to resume studies.

Once the leave has been approved by the Associate Dean (Undergraduate Medical Education) or Assistant Dean (Student Affairs), the student's registration and fees must be clarified with the Student Records Officer. Students may be required to forfeit all or part of their tuition fees. All students must have an interview with the [Student Aid Office](#) to reassess impact on financial aid.

The Associate Dean will present the student's request and associated documentation to the Student Promotions Committee (SPC). The Chair of the SPC will communicate the decision of the Committee to the student in writing by email to the student's McGill email address.

When a student has been approved for a leave of four weeks or longer, a narrative comment will be added to the student's record (MSPR) stating the student has been granted a leave of absence. Absences that prevent a student from completing a university term will also be indicated on the university transcript. The reason for the leave will not be stated.

## 8.7.3 Requirements for the Degree of M.D.,C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery (M.D.,C.M.) in this University must be at least twenty years of age.
2. Candidates must have fulfilled all the requirements for entrance to the Faculty of Medicine.
3. No one is permitted to become a candidate for the degree who has not attended at least two full academic years at this University's Faculty of Medicine.
4. Every candidate for the degree must have passed all the required evaluations of the medical curriculum.

## 8.7.4 Requirements for License

Candidates accepted for admission are reminded that it is their personal responsibility to ensure that they fulfil all the licensing requirements of the country in which they intend to practise medicine. A university degree does not confer the right to practise. In each province of Canada, in each state of the United States, and in all other countries, the authority to license is vested in a licensing body which has its own special laws and requirements. In many cases, a special standard of general education is insisted upon before beginning the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years or more before a licence to practise can be obtained.

Candidates accepted for admission should therefore communicate as soon as possible with the licensing body of the country, province or state in which they intend to practise, and obtain from that licensing body the necessary instructions.

Candidates wishing to practise medicine in the province of Quebec must also meet the French language requirement for professionals, as described in the University Regulations and Resources: [Language Requirements for Professions](#).

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards as follows:

**College of Physicians & Surgeons of Alberta**  
2700-10020 100 Street NW  
Edmonton AB T5J 0N3



Canada  
Telephone: 780-423-4764  
Fax: 780-420-0651  
Website: [www.cpsa.ca](http://www.cpsa.ca)

**College of Physicians and Surgeons of British Columbia**

300-669 Howe Street  
Vancouver BC V6C 0B4  
Canada  
Telephone: 604-733-7758  
Toll-Free: 1-800-461-3008  
Fax: 604-733-3503  
Website: [www.cpsbc.ca](http://www.cpsbc.ca)

**The College of Physicians & Surgeons of Manitoba**

1000-1661 Portage Avenue  
Winnipeg MB R3J 3T7  
Canada  
Telephone: 204-774-4344  
Toll-Free (in Manitoba): 1-877-774-4344  
Fax: 204-774-0750  
Email: [cpsm@cpsm.mb.ca](mailto:cpsm@cpsm.mb.ca)  
Website: [www.cpsm.mb.ca](http://www.cpsm.mb.ca)

**Dr. Ed Schollenberg, Registrar**

**College of Physicians and Surgeons of New Brunswick**

One Hampton Road, Suite 300  
Rothesay NB E2E 5K8  
Canada  
Telephone: 506-849-5050  
Toll-Free: 1-800-667-4641  
Fax: 506-849-5069  
Website: [www.cpsnb.org](http://www.cpsnb.org)

**College of Physicians and Surgeons of Newfoundland and Labrador**

120 Torbay Road, Suite W100  
St. John's NL A1A 2G8  
Canada  
Telephone: 709-726-8546  
Fax: 709-726-4725  
Email: [cpsnl@cpsnl.ca](mailto:cpsnl@cpsnl.ca)  
Website: [www.cpsnl.ca](http://www.cpsnl.ca)

**College of Physicians and Surgeons of Nova Scotia**

Suite 5005-7071 Bayers Road  
Halifax NS B3L 2C2  
Canada  
Telephone: 902-422-5823 (Main)  
Toll-Free: 1-877- 282-7767  
Fax: 902-422-7476  
Email: [info@cpsns.ns.ca](mailto:info@cpsns.ns.ca)  
Website: [www.cpsns.ns.ca](http://www.cpsns.ns.ca)

**College of Physicians and Surgeons of Ontario**

80 College Street  
Toronto ON M5G 2E2  
Canada  
Telephone: 416-967-2603 (General Inquiries)  
Toll-Free: 1-800-268-7096 ext. 603  
Fax: 416-961-3330  
Email: [feedback@cpso.on.ca](mailto:feedback@cpso.on.ca)  
Website: [www.cpso.on.ca](http://www.cpso.on.ca)

**The College of Physicians and Surgeons of Prince Edward Island**

14 Paramount Drive  
Charlottetown PE C1E 0C7  
Canada  
Telephone: 902-566-3861  
Fax: 902-566-3986  
Website: [cpspei.ca](http://cpspei.ca)

**Collège des médecins du Québec**

1250 René-Lévesque Boulevard West, Office 3500  
Montreal QC H3B 0G2  
Canada  
Telephone: 514-933-4441  
Toll-Free: 1-888-633-3246  
Fax: 514-933-3112  
Email: [info@cmq.org](mailto:info@cmq.org)  
Website: [www.cmq.org](http://www.cmq.org)

**College of Physicians and Surgeons of Saskatchewan**

101 - 2174 Airport Drive  
Saskatoon SK S7L 6M6  
Canada  
Telephone: 306-244-7355  
Fax: 306-244-0090 (General)  
Email: [cpssinfo@cps.sk.ca](mailto:cpssinfo@cps.sk.ca)  
Website: [www.cps.sk.ca](http://www.cps.sk.ca)

**Medical Council of Canada**

1021 Thomas Spratt Place  
Ottawa ON K1G 5L5  
Canada  
For inquiries on Medical Council of Canada (MCC) examinations  
Telephone: 613-520-2240  
Fax: 613-248-5234  
Email: [service@mcc.ca](mailto:service@mcc.ca)  
Website: [mcc.ca](http://mcc.ca)

**United States Medical Licensing Examination Secretariat**

3750 Market Street  
Philadelphia PA 19104-3102  
USA  
Telephone: 215-590-9700  
Fax: 215-590-9460  
Email: [webmail@nbme.org](mailto:webmail@nbme.org)  
Website: [www.usmle.org](http://www.usmle.org)

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## 8.8 Medical Curriculum

The following refers to the four-year undergraduate medical curriculum leading to the M.D.,C.M. (*Medicinae Doctorem et Chirurgiae Magistrum*) degree.

### 8.8.1 Curriculum Renewal – Governance

Serving society's needs is of the utmost importance and requires training graduates who are well-equipped to assume leadership roles in their communities. This entails keeping a constant, watchful eye towards advancing the M.D.,C.M. program curriculum and continuous fine-tuning to ensure it remains in step with the health sciences environment of the 21st century in Quebec, nationally, and globally, including rapid advances in scientific knowledge. The undergraduate medical education program is overseen by the *M.D.,C.M. Program Committee*. This committee makes and enacts policies relevant to the design and delivery of the M.D.,C.M. program. It ensures that the program is aligned with the Faculty's mission statement and that it complies with relevant accreditation standards. It is responsible for the design, management, integration, evaluation, and continual improvement of the medical curriculum. The Chair of the committee is the Associate Dean, Undergraduate Medical Education (UGME). There is wide student representation within all educational committees, whether at the M.D.,C.M. Program Committee, its subcommittees, and discipline subcommittee levels.

For more information on M.D.,C.M. program governance, see [www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/ugme-governance](http://www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/ugme-governance).

## 8.8.2 Assessment System

The Assessment System is multifaceted and under constant review by the Faculty. The Faculty reserves the right to change any of these rules and regulations at any time, although in general such changes will not come into effect in the middle of a Promotion Period. For complete Faculty regulations, reference should be made to the Faculty of Medicine's Undergraduate Medical Education [Academic Policies](#).

The M.D.,C.M. program functions on a pass/fail system. The student's final grade for each course is recorded on the university transcript as <S> *satisfactory* (pass) or <U> *unsatisfactory* (fail).

Numeric grades, where recorded, are used for internal purposes (e.g., scholarships, awards and prizes, and identifying and tracking students in academic difficulty) and to provide feedback to the student on his/her progress through the program.

For the purposes of assessment, the four-year curriculum is broken down into promotion periods (Subject to change; see below).

### 8.8.2.1 Promotion Periods

For details regarding promotion regulations, please refer to [www.mcgill.ca/ugme/academic-policies/promotion-regulations](http://www.mcgill.ca/ugme/academic-policies/promotion-regulations).

Please refer to the appropriate edition of the Health Sciences eCalendar at [www.mcgill.ca/students/courses/calendars](http://www.mcgill.ca/students/courses/calendars) for further details.

### 8.8.2.2 Student Promotions

The *Student Promotions Committee (SPC)* is a decision-making body, mandated by the Associate Dean (Undergraduate Medical Education) to interpret and apply the program's promotion regulations, duly established by the M.D.,C.M. Program Committee.

The mandate of the SPC is to review academic progress of students enrolled in the M.D.,C.M. program. The Committee also reviews academic progress of students enrolled in the Dentistry (D.M.D.) program during the Fundamentals of Medicine and Dentistry (FMD) component of the curriculum. It has final authority to decide on the suitability of each medical student for the practice of medicine; these decisions are not subject to the approval of the M.D.,C.M. Program Committee. In its review of student files, the Committee considers all issues related to academic performance, including professionalism. Students should refer to the [Promotion Regulations Policy](#).

### 8.8.2.3 Failure of Supplemental Activities

A failure of a supplemental activity in a Promotion Period will result in the student being required to repeat the Promotion Period or to be dismissed from the program as determined by the SPC. A student may not repeat more than one Promotion Period in the curriculum. **Failure in any course during a repeat Promotion Period will result in immediate dismissal from the program.** For more information, students should refer to the [UGME Student Assessment Policy](#).

#### 8.8.2.3.1 Notice of Failures

It is the student's responsibility to be available for notification of a failing grade. If a student is unable to be located after a reasonable effort by the Dean's office, the consequences will be borne fully by the student.



**Note:** There is a charge for each supplemental examination. Once approval of the supplemental examination is confirmed by the Undergraduate Dean's Office Student Records Officer, the student's account will be billed. This charge is for all supplemental examinations and related reread of exams throughout the program. For fee amounts and other details, refer to the [Student Accounts website](#).

## 8.8.3 Program Overview

**Due to curriculum changes, program components and courses may be revised. Revisions will be posted in the learning management system.**

The current M.D.,C.M. curriculum, implemented in fall 2013, marking one of the largest renewals in Faculty history, is a product of five years of reflection, multidisciplinary consultation, planning, and development. Rooted in the principle of "The Patient at Heart and Science in Hand," the curriculum fully recognizes the importance of family medicine in addressing current needs, while simultaneously providing a program that is firmly rooted in science. Also significant is interdisciplinary learning, as well as offering a longitudinal experience where the major themes are learned in tandem rather than in isolation.

For more information on M.D.,C.M. program governance, see [www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/ugme-governance](http://www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/ugme-governance).

