



**Faculty of Medicine**  
**Programs, Courses and University Regulations**  
**2020-2021**



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This publication provides guidance to prospects, applicants, students, faculty and staff.

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## *Publication Information*

Published by

### **Enrolment Services**

McGill University  
3415 McTavish Street  
Montreal, Quebec, H3A 0C8  
Canada

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# 1    **Medicine**

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## 1.1    **Location**

### **Faculty of Medicine**

Administrative Offices  
3605 de la Montagne Street  
Montreal QC H3G 2M1  
Canada

### **Educational Services**

*\*\*Temporary Location\*\**

680 Sherbrooke Street West, 17th floor

## 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>
Demetra Kafantaris; M.B.A.(C'dia)	<b>Executive Director</b>
Leah Moss; B.A., (Western), M.A. (C'dia), Ph.D., (McG)	<b>Senior Advisor to Vice-Principal (Health Affairs) and Dean of the Faculty of Medicine</b>
Lesley Fellows; M.D.,C.M.(McG.), D.Phil.(Oxf./Balliol)	<b>Vice-Dean (Academic Affairs)</b>
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Shari R. Baum; A.B.(Cornell), M.S.(Vermont), Ph.D.(Brown)	<b>Vice-Dean (Life Sciences)</b>
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Annette Majnemer; B.Sc.(O.T.), M.Sc., Ph.D.(McG.), F.C.A.H.S.	<b>Vice-Dean (Education)</b>
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Sabrina Fallavollita; M.D.,C.M.(McG.), F.R.C.P.(C)	<b>Acting Assistant Dean (Undergraduate Medical Education)</b>
Simon Bergman; M.Sc, M.D., C.M.(McG.)	<b>Assistant Dean (Accreditation UGME)</b>
Estelle Chetrit, BSc, M.D.,C.M., M.B.A.(McG)	<b>Assistant Dean (M.D.,C.M. Admissions)</b>
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Leon Tourian, B.Sc., M.Sc.(McG), M.D.(Laval)	<b>Assistant Dean (Postgraduate Medical Education)</b>
Regina Husa; M.D., F.R.C.P.(C)	<b>Assistant Dean (Accreditation PGME)</b>
Gilles Brousseau; M.D.(Montr.), F.C.F.P.	<b>Vice-Dean and Director (Outaouais Campus)</b>
Aimee Ryan; Ph.D.(Qu.)	<b>Associate Dean (Biomedical B.Sc., Graduate and Postdoctoral Affairs)</b>
Alba Guarné, B.Sc., M.Sc., Ph.D.(Barcelona)	<b>Associate Dean (Biomedical Sciences)</b>
Terry Hébert; Ph.D.	<b>Assistant Dean (Biomedical Science Education)</b>
Timothy Evans, Ph.D.(Oxf.), M.D.(McM.)	<b>Associate Vice-Principal (Global Policy &amp; Innovation) and Director &amp; Associate Dean (School of Population &amp; Global Health)</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>
Susan Rvachew; B.Sc.(UAlberta), M.Sc., Ph.D.(Calg.)	<b>Associate Dean and Director (School of Communication Sciences and Disorders)</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>
Jessica Emed; N., B.Sc.(N.), M.Sc.A.	<b>Assistant Dean (Health Professions Education)</b>
Leonora Lalla; M.D.,C.M.(McG.), C.C.F	<b>Associate Dean (Continuing Professional Development)</b>

## Administrative Officers in the Faculty of Medicine

Natalie Waters; M.L.I.S.(McG.)

**Head Librarian, Schulich Library of Physical Sciences, Life Sciences and Engineering**

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### 3 History

McGill University's Faculty of Medicine, established in 1829, was the University's first faculty as well as Canada's first faculty of medicine. In 2021, McGill celebrates its Bicentennial, marking the year - 1821 - it received its Royal Charter allowing it to operate as an institute of higher learning. The Faculty of Medicine was born out of a merger with the Montreal Medical Institution, which was founded in 1823 by four staff members of the recently-opened Montreal General Hospital. The new Faculty officially began training future physicians in 1829. In 1833, it awarded its first degree to William Leslie Logie, who became McGill's first graduate and the first physician trained on Canadian soil.

Originally solely a medical school, the Faculty gradually expanded its scope and now encompasses biomedical sciences as well as the Ingram School of Nursing, the School of Physical and Occupational Therapy, the School of Communication Sciences and Disorders and, most recently, the School of Population and Global Health. In fall 2020 a second medical campus, Campus Outaouais, will open in Gatineau, where McGill medical residents have been training as part of the RUISSS (Réseau Universitaire Intégré de Santé et Services Sociaux) McGill since 1988.

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### 4 Medical Societies

#### McGill Medical Students' Society Inc.

Lady Meredith Annex

3706 Peel Street

Montreal QC H3A 1W9

Email: [president.mss@mail.mcgill.ca](mailto:president.mss@mail.mcgill.ca); [vice-president.mss@mail.mcgill.ca](mailto:vice-president.mss@mail.mcgill.ca); [vpinternal.mss@mail.mcgill.ca](mailto:vpinternal.mss@mail.mcgill.ca)

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. represents 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. promotes interaction among medical students through both the *Fédération médicale étudiante du Québec* (FMEQ) and the Canadian Federation of Medical Students (CFMS);
3. attempts the advancement of new forms of learning in response to the desires of the students;
4. promotes student sporting and social events within the Faculty and with other faculties;
5. supports its clubs, interest groups, and standing committees in advancing the student life and educational experience of its members;
6. publishes a weekly newsletter, *The Murrmur*, for all medical students;
7. attempts to provide the resources and personnel to meet student needs and wishes as they arise;
8. supports and facilitates the creation and consolidation of student-led academic and community outreach initiatives;
9. consults its members with the goal of improving student representation and services, including through hosting at least two 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 ev

7. 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 deux assemblées générales 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



- 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 you to identify various possibilities and strategies for making informed decisions;
- will communicate with other advisers within the University and, with your permission, serve as a direct link to other University resources.



**Note for Nursing:** See the advising structure in your *Student Handbook* or contact the *Nursing Student Affairs Office*.

### 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

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: 514-398-1212, 514-398-1769  
Email: [language.conted@mcgill.ca](mailto:language.conted@mcgill.ca)  
Website: [www.mcgill.ca/continuingstudies/area-of-study/languages](http://www.mcgill.ca/continuingstudies/area-of-study/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 *McGill's Rosy Student Wellness Hub*.

Proof of immunity must be written and signed by either a nurse or a physician. For details, see [www.mcgill.ca/wellness-hub/access-care/vaccines](http://www.mcgill.ca/wellness-hub/access-care/vaccines).

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



**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 the [Student Wellness Hub](#) for a mask fitting appointment or attend announced group appointments. All supporting documentation regarding immunization must be submitted to the Student Wellness Hub. The Student Wellness Hub 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 their 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 2020. 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 2020–2021)

##### General Fees

###### Application Fees:

All undergraduate programs, <i>excluding</i> Medicine and Dentistry	\$117.92 (as of Winter 2021)
Medicine and Dentistry	\$165.08
Reconsideration fee	\$40

###### Prepayment Fee:

Dentistry	\$500
Pre-Dentistry	\$400
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 2020–2021 is estimated as follows:

First Year	\$400
Second Year	\$18,800
Third Year	\$3,850

### Dentistry - Purchases of Equipment and Materials Fee

Fourth Year	\$2,290
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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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Supplemental or Reread Exam Request Fee	\$42.35 per exam
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### Dental Clinic/Lab Maintenance & Improvement Fee (as of 2020-2021)

Second Year	\$1,199
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Third Year	\$2,398
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Fourth Year	\$2,398
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### 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 Feesar 481.6ato

**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
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	\$68.96

**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 *Immigration, Refugees, and Citizenship 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 5100  
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, Montreal QC H3A 0B8**

This building houses the Ingram School of Nursing, its faculty, staff, and students. The three topmost floors provide office space, student lounge areas, classroom settings, and learning laboratories for the School. The offices of Undergraduate Medical Education and Postgraduate Medical Education, the

offices of Interprofessional Education and Distributed Medical Education, the Social Accountability and Community Engagement Office, and the Building Services Office for the Faculty of Medicine are temporarily located in this building.

**772 Sherbrooke Street West, Montreal QC H3A 1G1**  
The Administrati

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 Institute of Health Sciences Education (formerly known as the Centre for Medical Education) and the F

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

The Steinberg Centre for Simulation and Interactive Learning (SCSIL) plays a vital role in the training of health care students, residents, and practitioners at McGill University. Located in the lower level of the *Galeries du Parc* mall, the SCSIL occupies 31,000 square feet of space, including a technical skills area, a high-fidelity simulation suite, 10 clinical encounter rooms, a simulated patient ward, a hybrid operating room, a virtual reality trainer room and a simulated apartment. In our risk-free and technologically-immersive simulated clinical environments, learners can safely practice procedural and communication skills, and engage in interprofessional team training to gain valuable expertise. Through world-class simulation-based education, research,



- 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, supports over 446 researchers and more than 1,260 research trainees devoted to a broad spectrum of fundamental, clinical, and evaluative research at the Glen site and the Montreal General Hospital. 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).

In 2015, the MUHC brought together our legacy sites — the Montreal Chest Institute, the Royal Victoria Hospital, the Montreal Children's Hospital, and the Cedars Cancer Centre — onto one site: the Glen. At the Glen site, our vision of excellence is taking shape by integrating healthcare, research, and teaching on a whole ne

6875 LaSalle Boulevard  
Montreal QC H4H 1R3  
Telephone: 514-761-6131  
Website: [ciuss-ouestmtl.gouv.qc.ca](http://ciuss-ouestmtl.gouv.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 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 more than 60 scientists and clinical researchers and more than 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. The Douglas Hospital Research Centre is also 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 [ciuss-ouestmtl.gouv.qc.ca](http://ciuss-ouestmtl.gouv.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  
[ciuss-outaouais.gouv.qc.ca](http://ciuss-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  
[cntr](http://cntr)

Telephone: 514-398-7203

Fax: 514-398-8900

Website: [www.mcgill.ca/dentistry/undergraduate-teaching-clinic/contact](http://www.mcgill.ca/dentistry/undergraduate-teaching-clinic/contact)

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 Research on Brain, Language and Music*
- *section 5.5.5.6: Centre for Research in Reproduction and Development*
- *section 5.5.5.7: Centre for Translational Research in Cancer*
- *section 5.5.5.8: Institute of Health Sciences Education*
- *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



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 the international journal *Artificial Cells, Nanomedicine, and Biotechnology* (2017 Reuter World Ranking of 4th among 77 biomedical engineering journals) and a book series titled *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: 514-398-6033  
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 2200  
Montreal QC H3A 1A4  
Telephone: 514-934-1934 ext. 35693  
Fax: 514-398-4020  
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 Research on Brain, Language and Music

3640 rue de la Montagne  
Montreal QC H3G 2A8  
Telephone: 514-398-6962  
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.

#### 5.5.5.6 Centre for Research in Reproduction and Development

The Research Institute, MUHC Glen Site  
1001 Decarie Blvd.,E-M0.3509  
Montreal QC H4A 3J1  
Telephone: 514-207-9887  
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, 70 graduate students, 50 fellows and research associates, and 30 technical support staff from 15 departments, 4 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 en

beyond traditional departmental and disciplinary boundaries to create new knowledge, enable capacity-building, and promote knowledge translation in the field.

The Institute of Health Sciences Education offers a variety of educational opportunities to students, residents, and faculty. Of interest to medical students and residents are:

1. The Scholarship in MedEd and Health Sciences Education program, designed for medical students and residents who view education as part of their career. Participants will develop a scholarly project in MedEd and HSE, and apply medical education theories and/or principles pertinent to their project. For more information, visit: [the Institute of Health Sciences Education's website](#).
2. The Foundations in MedEd and Health Sciences Education program, a non-clinical elective offered on an annual basis in Period 6 of the rotation schedule,

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 Decarie, Glen Block E  
Program Mail Drop EM3 3212  
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, a WHO Collaborating Centre for TB Research, is a world leader in the interdisciplinary study of TB. Our Centre brings together more than 20 investigators based at McGill University as well as the Research Institute of the MUHC, with expertise in biomedical, clinical, epidemiologic, and social aspects of TB. We work to better understand TB pathogenesis and host resistance, and also develop and evaluate new diagnostics, vaccines, and treatment re

#### 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.mcgill.ca/gcrc](http://www.mcgill.ca/gcrc)

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, located in the Macdonald-Stewart Library Building will be closing for two years from May 15, 2019. It will undergo significant structural repairs and major internal upgrades.

Services, staff, and collections will be relocated to the McLennan-Redpath Library Complex.

More information available on the Schulich Library website:

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). Osler Library has been temporarily relocated to the McLennan-Redpath Library Complex.

More details available from the Osler Library Website:

McLennan-Redpath Library Complex  
3459 McTavish Street  
Montreal QC H3A 0C9  
Website: [www.mcgill.ca/library/branches/osler](http://www.mcgill.ca/library/branches/osler)

For hours, see:

Website: [www.mcgill.ca/library/branches/hssl](http://www.mcgill.ca/library/branches/hssl)

#### 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)

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## 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*

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## **6.1 Anatomy and Cell Biology**

### **6.1.1 Location**

Strathcona Anatomy and Dentistry Building  
3640 University Street, Room M-30  
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 the M.D.,C.M. program during the Fundamentals of Medicine and Dentistry (FMD) and Clerkship components.

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

A selection of practical anatomy, seminar presentations, and clinical anatomical conferences is provided during the Senior Clerkship Component to supplement the knowledge of human anatomy obtained in the core program. It is specifically 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 Anatomy and 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 W

### Associate Professors

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

### Assistant Professors

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

Khanh Huy Bui; B.Sc.(UNSW), M.Sc.(Chalmers), Ph.D.(ETH Zürich)

Sean McWatt; B.Sc., M.Sc., Ph.D.(Guelph)

Michael Strauss; B.Ed.(Trent), B.Sc.(W. Laur.), M.Sc.(Tor.), D.Phil.(Goethe)

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

Gabriel Venne; Ph.D.(Qu.)

Nicole Ventura; Ph.D.(Qu.)

Mina Zeroual; M.D.(Hassan II Casablanca)

Natalie Zeytuni; B.Sc., M.Sc., Ph.D.(Ben-Gurion)

### 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 Di Battista (*Medicine*)

Allen Ehrlicher (*Bioengineering*)

Alyson Fournier (*Neurology and Neurosurgery*)

Lisbet Haglund (*Surgery*)

**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)

Stéphane Lefrançois; B.Sc., Ph.D.(McG.)

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

Isabelle Rouiller; Ph.D.(Hert.)

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 obstetrics, pediatrics, or clinical research. These rotations may also emphasize the improvement of technical skills and the 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.

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

T. Schricker

### **Vice-Chairs**

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**

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

### **Assistant Professors**

A. Amir, I. Amir, M. Angle, M.A. Azzam, M. Badawy, C. Baldry, E. Bandi, G. Bertolizio, E. Bolduc, C.E. Bouchard, C. Bozzer, N. Buu, M. Cameron, S. Carrie, G. Carvalho, R. Charghi, Y. Chtompel, V. Collard, F. Costescu,

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## 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. Kinsella (*Bioengineering*)

## Associate Members

D. Nicolau (*Bioengineering*)

P. Ponka (*Medicine*)

D. Shum-Tim (*Surgery*)

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## 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 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

## Professors

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*)

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

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*) (



## 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

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

Enrico Purisima; B.Sc.(Ateneo de Manila), M.Sc., Ph.D.(Cornell) (*NRC/BRJ*)

Julie St-Pierre; B.Sc., M.Sc.(Laval), Ph.D.(Trin. Coll., Cambridge) (*Ott.*)

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## 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.bme@mcgill.ca](mailto:info.bme@mcgill.ca)  
Website: [www.mcgill.ca/bme](http://www.mcgill.ca/bme)

### 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 opportunity for graduate students in the field of biomedical engineering.

**Assistant Professors**

D. Bzdok; M.D.(UNIL/Harv

### **Associate Members**

A. Shmuel (*Neurology and Neurosurgery*)

B. Willie (*Pediatric Surgery*)

Y.B. Xia (*Bioengineering*)

### **Adjunct Professors**

P.G. Charette; Ph.D.(McG.) (*Sher.*)

K. Cullen; Ph.D.(Chic.) (

**Associate Professors**

C. Ellis; B.A.(St. Mary's), M.A., Ph.D.(Tenn.), R.R.T.(VGH)  
J.R. Fishman; B.A.(Calif., Berk.), Ph.D.(Calif., San Francisco)  
Nicholas King; M.A., Ph.D.(Harv.)

**Assistant Professor**

P. Friesen; B.A. Hons.(Vic., BC), M.A.(UWO), Ph.D.(CUNY)

**Associate Members**

G. Bartlett-Esquilant (*Department of Family Medicine*)  
J.S. Beaudry *Faculty of Law*  
E. Bereza (*Department of Family Medicine*)  
F. Carnevale (*Ingram School of Nursing*)  
R. Gold (*Faculty of Law*)  
A. Fuks (*Department of Medicine*)  
M. Hunt (*School of Physical & Occupational Therapy*)  
Y. Joly (*Human Genetics*)  
L. Khoury (*Faculty of Law*)  
B.M. Knoppers (*Centre of Genomics and Policy*)  
M.E. Macdonald (*MQHRG*)  
T. Maniatis (*Faculty of Medicine*)  
B. Thombs (*Psychiatry*)  
D. Weinstock (*Institute for Health and Social Policy*)  
M.H. Zawati (*Human Genetics*)  
K. Voigt (*Department of Philosophy*)

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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**

Susan Rvachew

**Graduate Program Director**

Linda Polka

**Professors**

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

**Professors**

Marc D. Pell; B.A.(Ott.), M.Sc., Ph.D.(McG.)  
 Linda Polka; B.A.(Slippery Rock), M.A.(Minn.), Ph.D.(USF)  
 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**

Meghan Clayards; B.Sc.(Vic., BC), M.A., Ph.D.(Roch.)  
 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)  
 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., M.O.A.(Montr.), M.B.A.(McG.)

**Faculty Lecturers**

Mariska Burger; B.Sc.(Zuyd)  
 Lauren Tittley; B.Sc.(McG.), M.H.Sc.(Tor.)

**Assistant Professors (Part-Time)**

Christina Lattermann; Staatlich anerkannte Logopaedin(WWU Münster), M.Sc.(McG.), Ph.D.(Kassel)  
 Rosalee Shenker; B.Sc.(Syrac.), M.A.(Calif.), Ph.D.(McG.)

**Faculty Lecturers (Part-Time)**

Mary Jane Blais; B.Sc., M.Sc.(McG.)  
 Liliane Brunetti; B.Sc.(C'dia), M.Cl.Sc.(UWO)  
 Jesse Burns; B.A.(C'dia), M.Sc.(McG.)  
 Ariana Fraid; B.A., M.Sc.A.(McG.)  
 Suzanne Lalonde; B.A.(Montr.), M.Sc.A.(McG.)  
 Isabelle Marcoux; B.Sc, M.P.O(Montr.)  
 Lisa Massaro; B.A.(York), M.Sc.A.(McG.)  
 Tanya Matthews; B.A.(N. Carolina St.), M.A.(Hampton), Ph.D.(McG.)  
 Marielle McCrum; B.A.(Alta.), M.Sc.A.(McG.)  
 Gina Mills; B.Sc.(Acad.), M.Sc.(Dal.)  
 Amanda Ovadia; B.Sc., M.Sc.A.(McG.)  
 Dahlia Thompson; B.A. (UWI)  
 Eve Julie Rioux; B.A.(Montr.), M.Sc.A.(McG.)

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

Vincent Gracco; B.A., M.A.(SDSU), Ph.D.(Wisc. Madison)

**Adjunct Professors**

Krista Byers-Heinlein (*C'dia*)

### Adjunct Professors

David McFarland (*Montr.*)

Lucie Ménard (*UQAM*)

Doug Shiller (*Montr.*)

### Associate Members

Eva Kehayia (*Physical and Occupational Therapy*)

Denise Klein (*Neurology and Neurosurgery*)

Luc Mongeau (*Mechanical Engineering*)

Debra Titone (*Psychology*)

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## 6.8 Dermatology

### 6.8.1 Core Courses

This Department contributes to the multidisciplinary 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.mcgill.ca/radiology/](http://www.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) for 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

D. Martin

#### Professors

PeTm87sssors

## Professors

C. Reinhold

## Associate Professors

A. Assaf

J. Chankowsky

M. Cortes

V. Derbekyan

R. Forghani

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. Discepola, R. Faingold, 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

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## 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/emer](http://www.mcgill.ca/emer)

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 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. Te disf14hm(AnephB5. services or)Tj1 00261 405.198 107gesDe



in Biostatistics: **M.Sc.(Thesis)**, **M.Sc.(Non-Thesis)**, and **Ph.D.** See the Faculty of Medicine's

**Professors**

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

C. Hankins; B.A., 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.(NUI), Ph.D.(Wat.) (*joint appt. with Medicine*)

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

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 Med. 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*)

A. Quesnel-Vallée; B.A., M.Sc.(Montr.), M.A., Ph.D.(Duke) (*joint appt. with Sociology*) (*Canada Research Chair*)

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

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*)

N. Basta; B.A.(Princ.), M.Phil. (Camb. IPH), Ph.D.(Wash. SPH)

J. Baumgartner; B.A.(Wisc. Madison), M.Sc.(Harv.), Ph.D.(Wisc. Madison) (*joint appt. with Institute of Health and Social Policy*) (*CIHR New Investigator*) (*William Dawson Scholar*)

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)

K. Filion; B.Sc., M.Sc., Ph.D.(McG.) (*joint appt. with Medicine*) (*CIHR New Investigator*)

S. Harper; B.A.(Westminster Coll.), M.S.P.H.(S. Carolina), Ph.D.(Mich.)

P. Héroux; B.Sc.(Laval), M.Sc., Ph.D.(INRS)

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*)

M. Rossignol; B.Sc., M.D.(Sher.), M.Sc.(McG.)

A. Schmidt; B.Sc., M.Sc.(UFRJ, Brazil), 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**

S. Bhatnagar; B.Sc.(C'dia), M.Sc.(Qu.)

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

J. Chevrier; B.Sc., M.Sc.(Laval), Ph.D.(Calif., Berk.) (*Canada Research Chair*)

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)

M. Drouin; M.D.(Sher.), M.Sc.(Montr.), F.R.C.P.(C)

S. Golchi; B.Sc.(U.Tehran), M.Sc.(ATU, Tehran), Ph.D.(S. Fraser)

D. Kaiser; B.Sc., M.D.,C.M., M.Sc.(McG.)

## Assistant Professors

A. Koski; B.Sc.(Mich. Tech.), M.P.H.(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)

C.T. Nguyen; B.A.(McG.), M.Sc., Ph.D.(Montr.), F.R.C.P.(C)

D. Panagiotoglou; B.Sc.(Tor.), M.Sc.(Col.), Ph.D.(Br. Col.)

L. Patry; B.Sc., M.D.(Laval), F.R.C.P.(C) (PT)

S. Pénicaud; B.Sc., M.Sc.(McG.), M.D.(Laval), F.R.C.P.(C)

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

M. Roy; M.D.(Montr.), M.P.H.(Erasmus), F.R.C.P.(C)

P. Saha Chaudhuri; B.Sc.(Presidency Univ., Kolkata), M.Stat.(IIT Delhi), M.S., Ph.D.(Wash.)

## Adjunct Professors

*DRSP Montréal:* C. Dea, G. Denis, A. Guyon, Y. Jen, A. Kossowski, R. Lessard, R. Massé, S. Palmieri

*Harvard Univ.:* J. Brownstein

*Health Canada:* C. Gravel

*Hôpital Ste. Justine:* M. Henderson

*Independent:* I. Arnold, E. Braithwaite, K. Krishnan, C. Larson, J. Lemke, K. Morrison, L. Scott

*INESSS:* D.A. Roy

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

*Montreal Chest Hospital Centre:* P. Rohan

## **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  
A. Cockcroft  
M. Dworkind  
P. Feldman  
S. Glaser  
R. Grad  
N. Gupta  
V. Jimenez  
K. Johnson  
J. Kirk  
B. Lapointe  
M. Malus  
J. McClaran

## Assistant Professors

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Reimer, E. Remillard, D. Ricella, A. Richard, J. Richard-Ross, G. Richer, A.K. Richter

### 6.14.2 Core Courses

This Department contributes to the multidisciplinary Fundamentals of Medicine and Dentistry (FMD) and Clerkship components 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.

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#### Chair

E.A. Shoubridge

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E. Adelson, N.A. Ahmed, P. Anand, M. Arrieta, R. Audet, D. Azran, L. Babins, D. Barolet, G. Beaulieu-Boire, H. Benoualid, J. Bertrand, J. Biem, D. Boisvert, M. Boufassa, S. Bourrelli, J.-F. Brouillette, I. Brousseau-Tremblay, M.-L. T. Cadieux-Simard, C. Cassis, M. Chicoine LeBel, G. Cote, M. Dallaire, A. Dechemi, 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, F. Giard, E. Gilbert, M. Girouard, C. Gomberg, N. Granger, D. Grunbaum, J. Harvey, S. Javaheri, R. Kaedbey, N. Kelner, C. Kempf, R. Kennedy, E. Kokoskin, M. Labelle, T.B. Lam Tu, I. Lebovich, S. Le Gal, A.A. Le-Ngoc, 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, P.-L. Ouellet, K.Y. Popiel, S.D. Potoker, N. Proulx, Q. Pu, S. Quenneville, M. Rasti, H. Reisler, A. Roy, M. Rubino, C. Sairam, M. Sayegh, R. Schiff, H.Y. Shiu, R. Starra, M. Tahan, D. Tatu, D. Thibeault, G. Thibert, T. Toledano, M. Toscano, M. Tourigny, D.T. Tran, P. Tran, H. Turner, D. Valcourt, M.-H. Verreault, M. Viau, 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, B. Brenner, P. Brodt, K. Brown, D. Buckeridge, C. Chalk, S. Chevalier, S. Chevalier, T. Churchward-Venne, H. Clarke, T. Coderre, R. Cote, J. Cox, A. De Pokomandy, K. Dehghani, S. Del Rincon, L. Diatchenko, D. Dufort, E. Ehrensperger, K. Eppert, M. Fabian, S. Faria, T. Ferreira, L.E. Ferri, C. Goodyer, P. Goodyer, W.H. Gotlieb, I. Gupta, T.W. Gyorkos, A. Haidar, V. Hirsh, L. Hoffman, M. Hunt, N. Jabado, F. Jafarian, A. Jahani-Asl, 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, 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, C.M. O'Flaherty, A. Orthwein, S. Owen, M. Pai, A. Pause, A. Philip, C. Piccirillo, C. Polychronakos, R. Postuma, S. Prakash, D. Quail, D. Rabinovitch, J. Rak, G. Rouleau, A. Ryan, G.M. Sant Anna, A. Shapiro, R. Slim, N. Sonenberg, J. Spicer, B. Thombs, I. Topisirovic, M. T

#### 6.17.4 Microbiology and Immunology Faculty

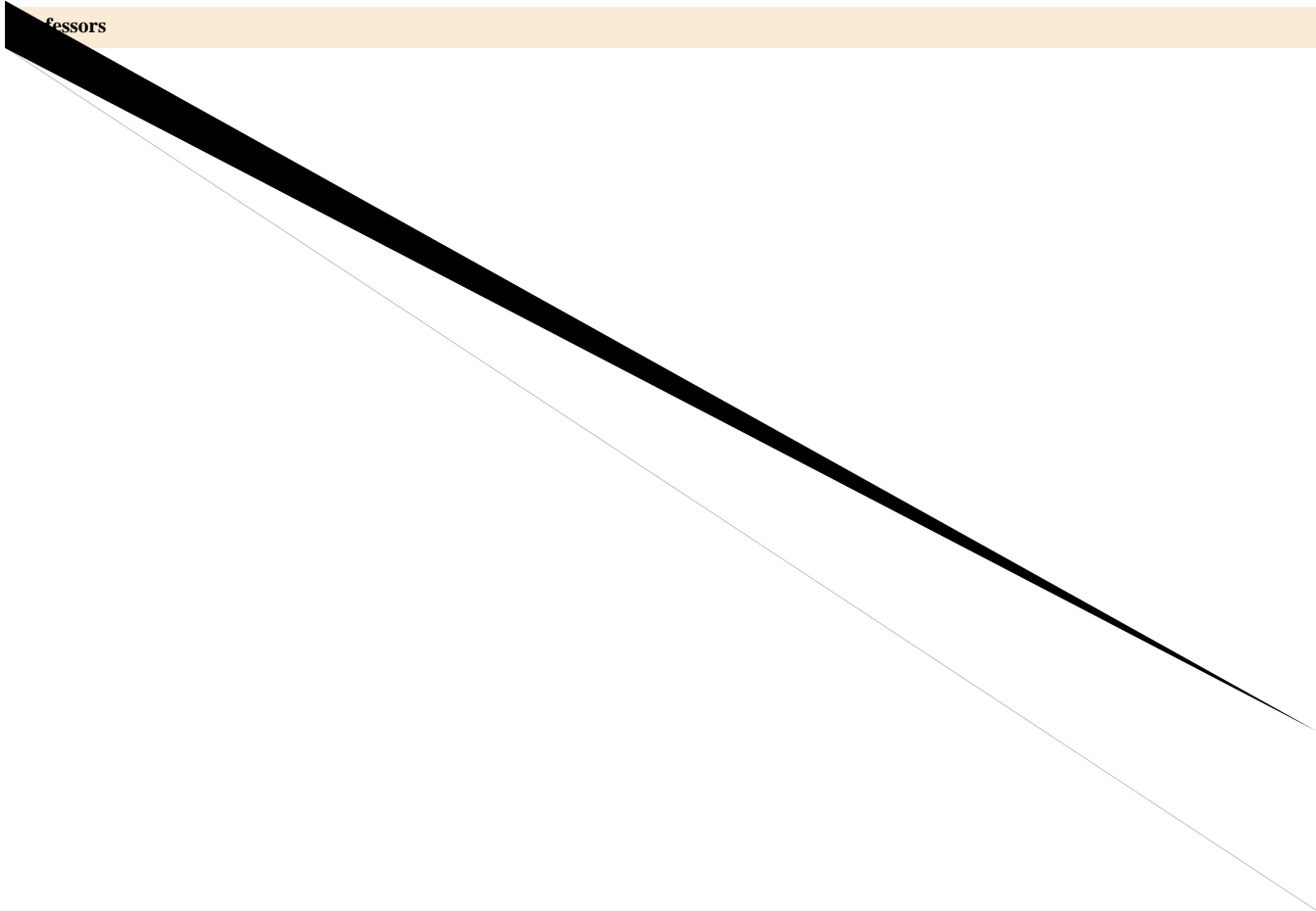
##### Chair

D. Sheppard

##### Emeritus Professors

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

##### Professors



**Adjunct Professors**

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

J.M. Di Noia; Ph.D.(Buenos Aires)

A. Finzi; Ph.D.(Montr.)

N. Grandvaux; Ph.D.(Grenoble)

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

G. Kukolj; Ph.D.(McG.)

P. Lau; Ph.D.(Ott.)

S. Lesage; B.Sc., Ph.D.(McG.)

S.L. Liu; Ph.D.(Wash.)

J. Madrenas; M.D.(Barcelona), M.Sc.(Autonoma, Barcelona), Ph.D.(Alta.)

R. Mouthih; Ph.D.(McG.)

C. Paradis-Bleau; M.Sc., Ph.D.(Laval)

A. Petronela; M.Sc., Ph.D.(Paris XI)

K. Pike; Ph.D.(Tor.)

W-K. Suh; Ph.D.(Tor.)

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**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 of the M.D.,C.M. program, specifically during the Fundamentals of Medicine and Dentistry (FMD) and Transition to Clinical Practice (TCP) components.

NEUR 301 – TCP Neurology

### **6.18.3 Electives**

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

## Associate Members

C. Baker, S. Beaulieu, C. Benkelf

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## 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. Abenhaim, A. Ao, J. Arseneau (*joint appt. with Pathology*), O. Basso, A. Benjamin, R. Brown, W. Buckett, D. Dufort, A. El-Messidi, 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

S. Bodmer-Roy, D. Cohen, I.M. Comeau, M. Dahan, E. Demirtas, G.P. Gagné (*joint appt. with Family Medicine*), A. Guilbert, N. Hassan, 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*), J.A. Papillon-Smith, V. Ponette, S. Reinblatt, S. Salvador, S. Shams, R. Shear, J. Shine, J. Takefman, S. Tchervenkov, E. W0 1 223.546 38e6(W0 1 223.5463210 1 186.123 321.6216255.404 Tm(), J.A. P)Tj1 0 0 1 260.8 284.564 Tv)Tj.662 255.404 Tm(. Ponette, S. Rein

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## 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, M. Basik, G. Batist, N. Beauchemin, C. Borchers, P. Brodt, R. Cohen, L. Ferri, W. Foulkes, E. Franco, C. Freeman, V. Giguère, L. Gilbert, P. Gold, 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

J. Agulnik, T. Alcindor, J. Asselah, L. Azoulay, S. Caplan, P. Chaudhury, D. Cournoyer, S. Devic, M. Fabian, S.L. Faria, M. Henry, M. Hier

## 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

OPTH 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. Discepolo, 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 Fundamentals of Medicine and Dentistry (FMD), Transition to Clinical Practice (TCP), and Core Clerkship components of the M.D.,C.M. program. Through a systematic approach of lectures and small group sessions, students will actively learn about the principal diseases of the head and neck region (including the ears and nose), including their etiology

### Associate Professors

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.)  
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)

**Lecturers**

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)

T.V.T. Vu; M.D.

R. Ywakim; M.D., F.R.C.S.(C)

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**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





### Assistant Professors

J Burnier; B.Sc.(Qu.), Ph.D.(McG.)  
D. Caglar; M.D.(Gazi)  
J. Chepovetsky; M.D.(ISMMS)  
P. Fiset, M.D.,C.M, Ph.D(McG.), F.R.C.P.(C)  
A. Florea; M.D.(UMF Cluj)  
L. Florianova, M.D., M.Sc.(Laval), F.R.C.P.(C)  
L. Fu; M.D.,C.M., M.Sc.(McG.), F.R.C.P.(C)  
A. Gregorieff; B.Sc.(Laval), M.Sc.(McG.), Ph.D.(Utrecht)  
S.-M. Jung; M.D.(Chonnam)  
Y. Kanber; M.D.(Marmara)  
J. Lavoie; B.Sc., M.Sc., Ph.D.(Laval)  
H.R. Lopez-Valle; M.D.(UASLP)  
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 U)  
G. Omeroglu-Altinel; M.D.(Istanbul U)  
F. Razaghi; M.D.(SBUMS)  
S. Sabri; Ph.D.(Paris VII)  
S. Sandhu; M.B.,B.S.(N. Bengal Med.)  
H. Srolovitz; B.Sc.(Pitt), M.D.(Basel)  
J. St. Cyr; M.D.,C.M.(McG.), F.R.C.P.(C)  
T.N. Ton Nu; M.D.(Pham Ngoc Thach), F.R.C.P.(C)  
H. Wang; M.D.(AFMU, China), F.R.C.P.(C)

### Visiting Professor

A.S.M. Noman; B.Sc., M.Sc.(Rajshahi), Ph.D.(Aichi Med.)

### Associate Members

B. S. Abdulkarim; B.Sc.(Aix-Marseille), M.Sc.(Paris V), M.D., Ph.D.(Paris XI), F.R.C.P.(C)  
C.J. Baglole; B.Sc., M.Sc.(PEI), Ph.D.(Calg.)  
N. Braverman, B.Sc.(Cornell), M.S.(Sarah Lawrence), M.D.(Tulane), F.A.C.M.G.  
S. Cellot, M.D., Ph.D.(Montr.)  
P.J. Chauvin; M.Sc.(UWO), D.D.S.(McG.)  
M. Divangahi; Ph.D.(McG.)  
S.N.A. Hussain; M.D.(Baghdad), Ph.D.(McG.)  
G.O.R. Arena; M.D.(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.(Glas.), F

## 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, B. Foster, 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

N. Ahmed, R. Alizadehfhar, L. Auger, F. Baltzer, I. Bank, C. Bardin, M.-J. Béland, L. Bell, M. Ben-Shoshan, G. Bernard, N. Braverman, D. Chalut, L. Chauvin-Kimoff, G. Chedeville, E. Constantin, A. Côté, A. Dancea, G. Di Meglio, G. Dougherty, A. Dubrovsky, D. Faucher, P. Forbes, T.E. Francoeur, D. Friedman, C. Goodyer, R. Gosselin, I. Gupta, C. Henin, L. Kovacs, P. Krisnamoorthy, C. Leblanc, D.G. Leduc, A.-M. MacLellan, L. Majewska, C. McCusker, J. McDonald, J. Mitchell, V. Morinville, D. Munz, F. Noya, M. Oskoui, H. Patel, G. Pekeles, T. Perreault, L. Plotnick, C. Poulin, J. Rennick, S.P. Riley, C. Rohlicek, B. Rosenblatt, E. Rubin, L. Russell, A. Ryan, A. Sant'Anna, G. Sant'Anna, R. Scuccimarrì, A. Shapiro, J. St. Pierre, B. Whittemore, P. Wintermark, D. Zielinski

#### Assistant Professors

S. Abish, H. Agostino, G. Ahronheim, G. Altit, R. Barnes, J. Bartholomew, L. Beaumier, M. Beltempo, R. Benkelfat, M. Berry, V. Bizgu, S. Blaichman, 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, 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, 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, W. Mawad, 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. Pelousa, 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, 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 Oettingen, D. Waxman, J. Yaremko, S. Zavalkoff

## Lecturers

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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**

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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. A

**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. Craimer, 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 or 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**

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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

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./PhcalN693 6uram

**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 (née 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 toward 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 toward the M.D.,C.M. and excluding an



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 F

long. The fund's intent is to promote the training of health care workers and researchers to combat global health disparities, by supporting students seeking to work with underserved populations in resource-limited settings.  
Value: varies.

**The Medicine Class of 1965 International Health Student Fund**

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 F**

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. Lyngse Bursaries**

Established in 2004 by Dr. Harold N. Lyngse, 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 Valeriote Medical Students Support Bursary**

Established in 2011 by Richard Valeriote, B.Sc.'52, M.D.,C.M.'57, and Polly Valeriote, 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. Eiding Memorial Bursary**

Established in 2013 by family and friends of Stanley L. Eiding, 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**



**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 toward 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**





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 [sradmin.med@mcgill.ca](mailto:sradmin.med@mcgill.ca).

### 7.5.1 YEAR 1-4

**CMA 150<sup>th</sup> Anniversary Award**

Established in 2017 by the CMA F

**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 Menaughton 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 cont

**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.

**Goodwin Prize in Physicianship**

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 toward 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. 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.1.662 Tm(V)Tj1 0 0 1 86.642 119.24nnu4 0 1 119.974 2\$1,500.**

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  
ev

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.

All information is available in both English and French at: [www.mcgill.ca/medadmissions](http://www.mcgill.ca/medadmissions).

Tous ces informations sont disponibles en Français et Anglais au : [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**

*\*\*Tempor*

### 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 (200-204 credits)*

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.

This program is offered on our two campuses:

- The Montreal Campus, in the heart of the city, has been the home of Canada's first Faculty of Medicine for 200 years.
- At McGill's Outaouais Campus in Gatineau, the Faculty's four-year MDCM program is delivered in French to a smaller cohort of students.

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.

Students are introduced to clinical observation in the first year of the MDCM program, and will take on more active responsibilities upon entering clerkship in third year. While the language of instruction for classes is English (Montreal campus) or French (Outaouais campus), our clinical environment is bilingual or francophone, so it is important to feel comfortable and prepared to work in both French and English, as per the MDCM Language Policy. To offer helpful suggestions for language learning resources, the Admissions office is mandated to assess students' language proficiency before the program begins. Please refer to [section 8.6.6: Language Proficiency](#) for further details.

The Faculty does not accept students for part-time medical studies.

#### *section 8.1.6: 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 tak

***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***

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. The program is offered on the Montreal Campus (in English), and in the Outaouais region (in French) in partnership with the Université du Québec en Outaouais.

**8.1.4 Doctor of Medicine and Master of Surgery (M.D.,C.M.) Medicine (200-204 credits)**

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. **T89 74.90dicine and**



**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 re

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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- 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

The six 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 univ

### **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 recognized medical degree outside of 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

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 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 dv

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 an academic performance in 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 gives rank



A 120-credit ("four-year") or equiv

- 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:

- 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 Qualifying Exam-Part I (MCQE1) 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 MCA

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), Chemistry 01YH, and at least one of Physics 01YF or 01YG in order for their application to be considered. Students who are missing a physics prerequisites based on the list above may be asked to complete it 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 Ph

pay for 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.



**Note:** Any tests must be completed prior to the application deadline (for example, CASPer, MCAT, MCCQE-1, depending on application pathway.)

### **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 v

Quebec residents applying to the M.D.,C.M., M.D. or C.M./Ph.D. 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

## 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's Rossy Student Wellness Hub](#).

- 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 the Student Wellness Hub. 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 the Student Wellness Hub 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 the Student Wellness Hub will not accept different immunization protocols.

The completed form(s) must be returned to the Student Wellness Hub. 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 Student Wellness Hub.

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/policies-procedures/infection-control-immunization](http://www.mcgill.ca/ugme/policies-procedures/infection-control-immunization) and [www.mcgill.ca/wellness-hub/access-care/vaccines](http://www.mcgill.ca/wellness-hub/access-care/vaccines).

### 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 may be 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/wellness-hub](http://www.mcgill.ca/wellness-hub).

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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



**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) and [www.mcgill.ca/ugme/policies-procedures/ugme-policy-language-proficiency](http://www.mcgill.ca/ugme/policies-procedures/ugme-policy-language-proficiency).

### 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/wireless](http://www.mcgill.ca/wireless)) 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](#);
- [Student Professional Behaviours](#)
- [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



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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 8 to August 14, 2020**; further information is available through the [Important Dates](#) search tool.

In order for the official registration in the M.D.,C.M. program at McGill to be confirmed, you must also present yourself, with proper documentation, at the **Faculty Registration and Orientation** held from **August 18 to August 20, 2020. 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 your offer of admission to the program and registration.

For further information, consult [Minerva](#) and the registration information emailed to incoming students in June, as well as [www.mcgill.ca/importantdates](http://www.mcgill.ca/importantdates).

#### Registration for courses outside the program

M.D., C.M. students are permitted to register for language courses, or to courses in a joint program under certain circumstances. Consult the UGME registration policy for information: [www.mcgill.ca/ugme/policies-procedures/ugme-registration-policy](http://www.mcgill.ca/ugme/policies-procedures/ugme-registration-policy)

#### 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).

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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 Pro

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  
Telephone: 613-521-6012  
Email: [service@mcc.ca](mailto:service@mcc.ca)

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 toward 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, or its 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/policies-procedures/promotion-regulations](http://www.mcgill.ca/ugme/policies-procedures/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 P](#)

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).

