



This PDF excerpt of *Programs, Courses and University Regulations* is an archived snapshot of the web content on the date that appears in the footer of the PDF.

Archival copies are available at [www.mcgill.ca/study](http://www.mcgill.ca/study).

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

**1** . McGill University reserves the right to mak

## ***Publication Information***

Published by

### **Enrolment Services**

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

All contents copyright © 2019 by McGill University. All rights reserved, including the right to reproduce this publication, or portions thereof, in any form.

McGill University reserves the right to make changes to the information contained in this publication - including correcting errors, altering fees, schedules of admission and credit requirements, and revising or cancelling particular courses or programs - without prior notification.

Not all courses are offered every year and changes can be made after publication. Always check the Minerva Class Schedule link at [https://horizon.mcgill.ca/pban1/bwckschd.p\\_disp\\_dyn\\_sched](https://horizon.mcgill.ca/pban1/bwckschd.p_disp_dyn_sched) for the most up-to-date information on whether a course is offered.

- 
- 1 Medicine, page 13
    - 1.1 Location, page 13
    - 1.2 About Medicine, page 13
  - 2 Administrative Officers, page 14
  - 3 History, page 15
  - 4 Medical Societies, page 15
  - 5 Health Sciences: General Information, page 16
    - 5.1 Admission, page 16
    - 5.2 Student Services and Regulations, page 16
      - 5.2.1 Student Advising, page 16
      - 5.2.2 Language Policy, page 17
        - 5.2.2.1 Proof of Proficiency in English, page 17
      - 5.2.3 Vaccination/Immunization Requirements for Health Sciences Programs, page 18
    - 5.3 Fees: Health Sciences, page 19
    - 5.4 Immigration Information, page 21
    - 5.5 Facilities, page 21
      - 5.5.1 Buildings, page 22
      - 5.5.2 Hospitals, page 24
        - 5.5.2.1 McGill University Teaching Hospitals, page 24
        - 5.5.2.2 Institutions Affiliated with McGill University, page 26
      - 5.5.3 Clinical Facilities for Dentistry, page 26
      - 5.5.4 Facilities for Human Nutrition, page 27
      - 5.5.5 Research Centres, page 27
        - 5.5.5.1 Alan Edwards Centre for Research on Pain, page 27
        - 5.5.5.2 Artificial Cells and Organs Research Centre, page 27
        - 5.5.5.3 Biomedical Ethics Unit, page 28
        - 5.5.5.4 Centre for Bone and Periodontal Research, page 28
        - 5.5.5.5 Centre for Research on Brain, Language and Music, page 28
        - 5.5.5.6 Centre for Research in Reproduction and Development, page 29
        - 5.5.5.7 Centre for Translational Research in Cancer, page 29
        - 5.5.5.8 Institute of Health Sciences Education, page 29
        - 5.5.5.9 Ludmer Centre for Neuroinformatics & Mental Health, page 30
        - 5.5.5.10 McGill AIDS Centre, page 30
        - 5.5.5.11 McGill Centre for Research in Neuroscience, page 30
        - 5.5.5.12 McGill International TB Centre, page 31
        - 5.5.5.13 McGill University Research Centre for Studies in Aging, page 31
        - 5.5.5.14 Rosalind and Morris Goodman Cancer Research Centre, page 32
      - 5.5.6 Libraries, page 32
  - 6 Academic Units in the Faculty of Medicine, page 32
    - 6.1 Anatomy and Cell Biology, page 33

- 
- 6.1.1 Location, page 33
  - 6.1.2 Core Courses, page 33
  - 6.1.3 Putting It All Together: Basic Science, Medicine, and Society (Anatomy for Surgeons – Basic and Translational Science Selective), page 34
  - 6.1.4 Other Courses, page 34
  - 6.1.5 Anatomy and Cell Biology Faculty, page 34
  - 6.2 Anesthesia, page 36
    - 6.2.1 Location, page 36
    - 6.2.2 Courses, page 36
    - 6.2.3 Electives, page 36
    - 6.2.4 Anesthesia Faculty, page 36
      - 6.2.4.1 Anaesthesia Research Unit Faculty, page 37
  - 6.3 Artificial Cells and Organs Research Centre, page 37
    - 6.3.1 Location, page 37
    - 6.3.2 Core Courses, page 38
    - 6.3.3 Graduate Courses, page 38
    - 6.3.4 Artificial Cells and Organs Research Centre Faculty, page 38
  - 6.4 Biochemistry, page 39
    - 6.4.1 Location, page 39
    - 6.4.2 Core Courses, page 39
    - 6.4.3 Other Courses, page 39
    - 6.4.4 Biochemistry Faculty, page 39
  - 6.5 Biomedical Engineering, page 41
    - 6.5.1 Location, page 41
    - 6.5.2 Electives, page 41
    - 6.5.3 Graduate Courses, page 41
    - 6.5.4 Biomedical Engineering Faculty, page 41
  - 6.6 Biomedical Ethics, page 43
    - 6.6.1 Location, page 43
    - 6.6.2 Core Courses, page 43
    - 6.6.3 Electives, page 43
    - 6.6.4 Graduate Program, page 43
    - 6.6.5 Biomedical Ethics Faculty, page 43
  - 6.7 Communication Sciences and Disorders, page 44
    - 6.7.1 Location, page 44
    - 6.7.2 Communication Sciences and Disorders Faculty, page 44
  - 6.8 Dermatology, page 45
    - 6.8.1 Core Courses, page 45
    - 6.8.2 Electives, page 46
  - 6.9 Diagnostic Radiology, page 46

- 6.9.1 Location, page 46
- 6.9.2 Core Courses, page 46
  - 6.9.2.1 Courses, page 46
- 6.9.3 Diagnostic Radiology Faculty, page 46
- 6.10 Emergency Medicine, page 47
  - 6.10.1 Location, page 47
  - 6.10.2 Courses, page 47
  - 6.10.3 Electives, page 47
- 6.11 Epidemiology, Biostatistics, and Occupational Health, page 47
  - 6.11.1 Location, page 47
  - 6.11.2 Core Medical Courses, page 47
  - 6.11.3 Introduction to Epidemiology and Biostatistics, page 47
  - 6.11.4 Clinical Electives in Public Health and Preventive Medicine (DSP de Montréal), page 47
  - 6.11.5 Postgraduate Medical Education (Residency in Public Health and Preventive Medicine), page 47
  - 6.11.6 Graduate Courses in Epidemiology, page 48
  - 6.11.7 Graduate Courses in Biostatistics, page 48
  - 6.11.8 Graduate Courses in Public Health (M.Sc.P.H.), page 48
  - 6.11.9 Graduate Courses in Occupational Health, page 48
  - 6.11.10 Epidemiology, Biostatistics and Occupational Health Faculty, page 48
- 6.12 Family Medicine, page 51
  - 6.12.1 Location, page 51
  - 6.12.2 Core Courses, page 52
  - 6.12.3 Electives, page 52
  - 6.12.4 Family Medicine Faculty, page 52
- 6.13 Geriatrics834n0 0 1 182.009 624.362 T12893n.6932iats834n0 0 /2j1 0 4.362 T12895457.002 Tm(52)Tj1 006102 Tm(es iP)Tj1 0 0if.13.2 Tm(,)Tj1ge

- 6.16.3 Graduate Courses, page 60
- 6.16.4 Medicine Faculty, page 60
- 6.17 Microbiology and Immunology, page 62
  - 6.17.1 Location, page 62
  - 6.17.2 Core Courses, page 62
  - 6.17.3 Other Courses, page 62
  - 6.17.4 Microbiology and Immunology Faculty, page 62
- 6.18 Neurology and Neurosurgery, page 63
  - 6.18.1 Location, page 63
  - 6.18.2 Core Courses, page 64
  - 6.18.3 Electives, page 64
  - 6.18.4 Graduate Courses, page 64
  - 6.18.5 Neurology and Neurosurgery Faculty, page 64
    - 6.18.5.1 Mm(6.1811 99.893 59dal eurosur)ic7.3 159.818 507.392 (aculty)Tj1 0 0 1 259,



- 
- 6.23.1 Location, page 71
  - 6.23.2 Core Courses, page 72
  - 6.23.3 Electives, page 72
  - 6.23.4 Other Courses, page 72
  - 6.23.5 Pathology Faculty, page 72
  - 6.24 Pediatrics, page 74
    - 6.24.1 Location, page 74
    - 6.24.2 Core Courses, page 74
    - 6.24.3 Electives, page 74
    - 6.24.4 Pediatrics Faculty, page 74
  - 6.25 Pharmacology and Therapeutics, page 75
    - 6.25.1 Location, page 75
    - 6.25.2 About the Department of Pharmacology and Therapeutics, page 75
    - 6.25.3 Core Courses, page 76
    - 6.25.4 Other Courses, page 76
    - 6.25.5 Pharmacology and Therapeutics Faculty, page 76
  - 6.26 Physiology, page 76
    - 6.26.1 Location, page 76
    - 6.26.2 About the Department of Physiology, page 76
    - 6.26.3 Physiology Faculty, page 77
  - 6.27 Psychiatry, page 79
    - 6.27.1 Location, page 79
    - 6.27.2 Core Courses, page 79
    - 6.27.3 Electives, page 79
    - 6.27.4 Graduate Courses, page 79
    - 6.27.5 Psychiatry Faculty, page 79
  - 6.28 Rosalind and Morris Goodman Cancer Research Centre, page 86
    - 6.28.1 Rosalind and Morris Goodman Cancer Research Centre Faculty, page 86
  - 6.29 Social Studies of Medicine, page 86
    - 6.29.1 Location, page 86
    - 6.29.2 Core Courses, page 87
    - 6.29.3 Electives, page 87
    - 6.29.4 Graduate Program, page 87
    - 6.29.5 Social Studies of Medicine Faculty, page 87
  - 6.30 Surgery, page 87
    - 6.30.1 Location, page 87
    - 6.30.2 Core Courses, page 88
    - 6.30.3 Electives, page 88
    - 6.30.4 Surgery Faculty, page 88
  - 7 Scholarships, Bursaries, Loans, Prizes, and Medals, page 90

- 7.1 Admissions: Entrance Scholarships, page 90
- 7.2 Research Awards, page 92
- 7.3 Global Health and Travel Awards, page 96
- 7.4 Needs-Based Scholarships, Bursaries, and Loans, page 98
  - 7.4.1 Scholarships, Bursaries, Prizes, and Awards, page 98
  - 7.4.2 Loan Funds, page 104
- 7.5 Undergraduate Medicine Awards, Prizes, and Medals, page 105
  - 7.5.1 YEAR 1-4, page 105
    - 7.5.1.1 YEAR 1: FMD 1, page 105
  - 7.5.2 YEAR 2: FMD 2, page 106
  - 7.5.3 YEAR 2: TCP, page 107
  - 7.5.4 YEAR 3, page 107
  - 7.5.5 YEAR 4: Graduation, page 107
  - 7.5.6 Medals, page 109
- 8 Programs of Study, Admission, and Curriculum, page 109
  - 8.1 About Medical Programs, page 110
    - 8.1.1 Location, page 110
    - 8.1.2 Medical Societies, page 110
    - 8.1.3 Undergraduate Medical Programs, page 110
    - 8.1.4 Doctor of Medicine and Master of Surgery (M.D.,C.M.) Medicine (200-204 credits) , page 111
    - 8.1.5 Doctor of Medicine & Master of Surgery with Master of Business Administration (Joint M.D.,C.M. & M.B.A.) Medicine & Management , page 113
    - 8.1.6 Doctor of Medicine & Master of Surgery with Ph.D. (Joint M.D.,C.M. & Ph.D.) , page 114
    - 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 , page 114
    - 8.1.8 Bachelor of Science (B.Sc.) - Medicine Preparatory Program (Med-P Program) , page 114
  - 8.2 Other Programs Offered Within the Faculty of Medicine, page 115
    - 8.2.1 Bachelor of Science (B.Sc.) Programs, page 115
    - 8.2.2 Graduate Studies and Research in the Medical Sciences, page 115
    - 8.2.3 Graduate Training Programs (GraT(lainicalDrepatemen742 Tm(Graduate173.0 G2 Tm(raining Pu2.2 Tm(Graduate173.013)Tj1 0 0 0 0 1 332.047 i2





---

# 1    **Medicine**

---

## 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.

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

TBA

Demetra Kafantaris; M.B.A.(C'dia)

Lesley Fello

**Vice-Principal (Health Affairs) and Dean of the Faculty of Medicine**

**Associate Vice-Principal and Vice-Dean (Health Affairs)**

**Executive Director**

**Senior Advisor to Vice-Principal (Health Affairs) and Dean of the Faculty of Medicine**

**Vice-Dean (Academic Affairs)**

---

### 3 History

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

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

5. soutient ses clubs, ses groupes d'intérêt et ses comités permanents pour faire avancer la vie étudiante et l'expérience éducative de ses membres;
6. publie un hebdomadaire, *The Murmur*, pour tous les étudiants en médecine;
7. 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 put a focus on developing philanthropy among medical students and in exploring various areas in which the experience may be enriched to develop students into more well-rounded physicians.

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

#### **McGill Journal of Medicine**

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

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

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

---

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

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

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

---

### **5.1 Admission**

Admission requirements and applications procedures are outlined in the individual f Gions and



- is a faculty or staff member with whom you can build a relationship to counsel you throughout the program;
- can guide you with both academic and non-academic concerns;
- is the person in your Faculty or School with whom you can discuss any matter and to whom you may go for advice;
- will provide ongoing advice and guidance on the program;
- will assist you with workload management;
- will assist you with guidance regarding career options or considerations;
- will offer help managing academic situations during periods of personal, financial, or medical problems, by working with 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 in English.

D.M.D. students must also refer to

[www.mcgill.ca/ugme/mdcm-curriculum-joi](http://www.mcgill.ca/ugme/mdcm-curriculum-joi) *Tm(.mcBj/F1 8.1 Tfd1 0 0 1 116.24(aculy or staf2 ;)Tj/F1 10 cak)16*

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

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

- **McGill Certificate of Proficiency in English**

For further information about the program, contact:

Department of Language and Intercultural Communication, School of Continuing Studies  
688 Sherbrooke Street West, 11th floor  
Montreal QC H3A 3R1  
Telephone: 514-398-1212, 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 Rossy Student W](#)



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



**Note for Physical and Occupational Therapy:** Prior to starting their first clinical course, students must ensure that their immunization records are complete and that they have completed their mask fitting. Failure to do so will prevent students from starting their first clinical course. Students must contact 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 May 2019. 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 2019–2020)

##### General Fees

###### Application Fees:

|   |                              |
|---|------------------------------|
| All undergraduate programs, <i>excluding</i> Medicine and Dentistry | \$110.40 (as of Winter 2020) |
|---|------------------------------|

|                        |          |
|------------------------|----------|
| Medicine and Dentistry | \$154.56 |
|------------------------|----------|

|                     |      |
|---------------------|------|
| 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 |
|-------------------------------|---------|

##### 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 2019–2020 is estimated as follows: \$251,289 F

**Dentistry - Purchases of Equipment and Materials Fee**

|             |         |
|-------------|---------|
| Third Year  | \$4,250 |
| Fourth Year | \$2,250 |

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 |
| Supplemental or Reread Exam Request Fee | \$39.65 per exam   |

**Dental Clinic/Lab Maintenance & Improvement Fee (as of 2019-2020)**

|             |            |
|-------------|------------|
| Second Year | \$1,162.98 |
| Third Year  | \$2,325.92 |
| Fourth Year | \$2,325.92 |

**Dentistry - Laptops**

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

**Dentistry and Medicine - Microscopes**

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

**Medicine Fees**

|   |  |
|---|--|
| Books, Laboratory Materials, Gloves, Anatomy Dissection Kit, Stethoscope, BP cuff, etc.               | approximately \$1,500 to \$2,000 (for duration of program) |
| 2 Short White Coats with McGill Logo  | approximately \$85   |
| <i>Collège des médecins du Québec</i> (CMQ) registration fee – beginning of First Year (September 30) | \$105  |

**Medicine Extra Fees**

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

### Medicine - Laptops

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

### Nursing Fees

|  |  |
|--|--|
| Books, Uniform, Stethoscope, etc.        | approximately \$2,500 to \$3,500 (for duration of the program)               |
| Graduation Pins – Third Year             | \$80 to \$200, depending on market value                                     |
| Name Badge – First Year                  | approximately \$25   |
| OIIQ registration fee (paid at the OIIQ) | approximately \$250 (for duration of program, subject to change by the OIIQ) |
| Local transportation to clinical sites   | \$70/month   |
| Clinical Skills Kit                      | amount varies as per course needs  |

### Physical and Occupational Therapy Fees

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

---

## 5.4 Immigration Information

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

Details on Canadian immigration regulations may be obtained from *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 f

## 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 Social Accountability and Community Engagement Office, and the Building Services Office for the Faculty of Medicine are temporarily located in this building.

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

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

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

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

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

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

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

The McGill Molson Informatics Unit is located in this building.

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

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

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

The Department of Family Medicine and the Administrative Excellence Centre (AEC #4) are located in this building.

### **Charles Mer**

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, and innovation, we aim to provide the best possible health care to the communities we serve.

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

3640 University Street, Montreal QC H3A 0C7

This building, opened in 1911, houses the research wet laboratories and the research administration of the Faculty of Dentistry, the offices and laboratories of the Department of Anatomy and Cell Biology, the McGill Programs in Whole Person Care and the Polypeptide Hormone Laboratory. The Maude Abbott Medical Museum is also located in this building.

## **5.5.2 Hospitals**

### **5.5.2.1 McGill University Teaching Hospitals**

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



- 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 environmental pollutants and disease on the development of the eggs and sperm and of the fetus. We use both animal model systems and human clinical studies to reach our research objectives.

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

#### 5.5.5.7 Centre for Translational Research in Cancer

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

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

The Centre provides core functions to enhance translational research, including a Molecular Pathology Centre with a centralized biobank, a Clinical Research unit with extensive experience in novel therapeutics testing, a Proteomics facility with a proteogenomics platform, and a Molecular Modeling program. The unique interaction of clinician-scientists and Ph.D. researchers provides an important strength to novel therapeutic development programs. The Centre also helps create strategic partnerships with governmental organizations, biotech companies, and the pharmaceutical industry.

The Centre provides a high quality environment for training clinician-scientists in cancer research. Trainees include both graduate students (M.Sc. and Ph.D students from the departments of Experimental Medicine, Human Genetics, Pharmacology & Therapeutics, and Pathology) and M.D. scientists interested in clinically-relevant cancer research.

#### 5.5.5.8 Institute of Health Sciences Education

Lady Meredith House  
1110 Pine Avenue W 0 1 142.153 2r 124.925 346120.632 t, Ro th2Montreal QC H3T A 1ATj1 0 0 1 81.693 422.9 Tm(.Tj1 0 0 1 86.075 432.9 Tm(.e)phone: 514-

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, which generally falls between November-December of the calendar year. The elective is intended to expose students and residents to the field of medical education through interactive lectures, group discussions, individual and group projects, and participation in the activities of the Institute of Health Sciences Education. For more information, visit: the [IHSE website](#).

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

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

Website: [ludmercentre001.150.861.6637.44tm\(u.pnm.r0nisi0.304Tj0G0g/F18.1Tf100168lth\)Tjhtheor4T](http://ludmercentre001.150.861.6637.44tm(u.pnm.r0nisi0.304Tj0G0g/F18.1Tf100168lth)Tjhtheor4T) an annual bas. Iail:

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



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

---

## **6.1 Anatomy and Cell Biology**

### **6.1.1 Location**

Strathcona Anatomy and Dentistry Building  
3640 University Street, Room M-28  
Montreal QC H3A 0C7  
Telephone: 514-398-6350  
Website: [www.mcgill.ca/anatomy](http://www.mcgill.ca/anatomy)

### **6.1.2 Core Courses**

This Department contributes to the multidisciplinary curriculum of 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 Cell Biology and is well-equipped for graduate research leading to M.Sc. and Ph.D. degrees. See the Faculty of Medicine's *Graduate and Postdoctoral Studies* section and the Faculty of Science's *Undergraduate* section.

### 6.1.5 Anatomy and Cell Biology Faculty

#### Chair

Craig Mandato

#### Emeritus Professors

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

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

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

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

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

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

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

#### Professors

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### Associate Professors

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

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

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

Geoffroy P. Noël; Ph.D.(Br. Col.)

### Associate Professors

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

### Assistant Professors

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

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

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.)

### Associate Members

Daniel Bernard (*Pharmacology and Therapeutics*)

Claire Brown (*Physiology*)

Colin Chalk (*Neurology and Neurosurgery*)

Jean-François Cloutier (*Neurology and Neurosurgery*)

Claudio Cuello (*Pharmacology and Therapeutics*)

Giovanni DiBattista (*Medicine*)

Allen Ehrlicher (*Bioengineering*)

Alyson Fournier (*Neurology and Neurosurgery*)

Lisbet Haglund (*Surgery*)

Janet Henderson (*Medicine*)

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

Ma752 5.32 Tm8.18gyb0ea3.792 432.6 Tm(Lisb. 1 .96a1.16 Tm;.8 1 xS32 Tm(oloTm54 0 0 1 125.Mery6 Tetics)Tj/F1 8.1 Tf1 0 0 1 271.19 479.76 Tm(7Tf531 0 0 1 2

## **Adjunct Professors**

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

Jennifer Estall; Ph.D.(Tor.)

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

Michael Greenw

## 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

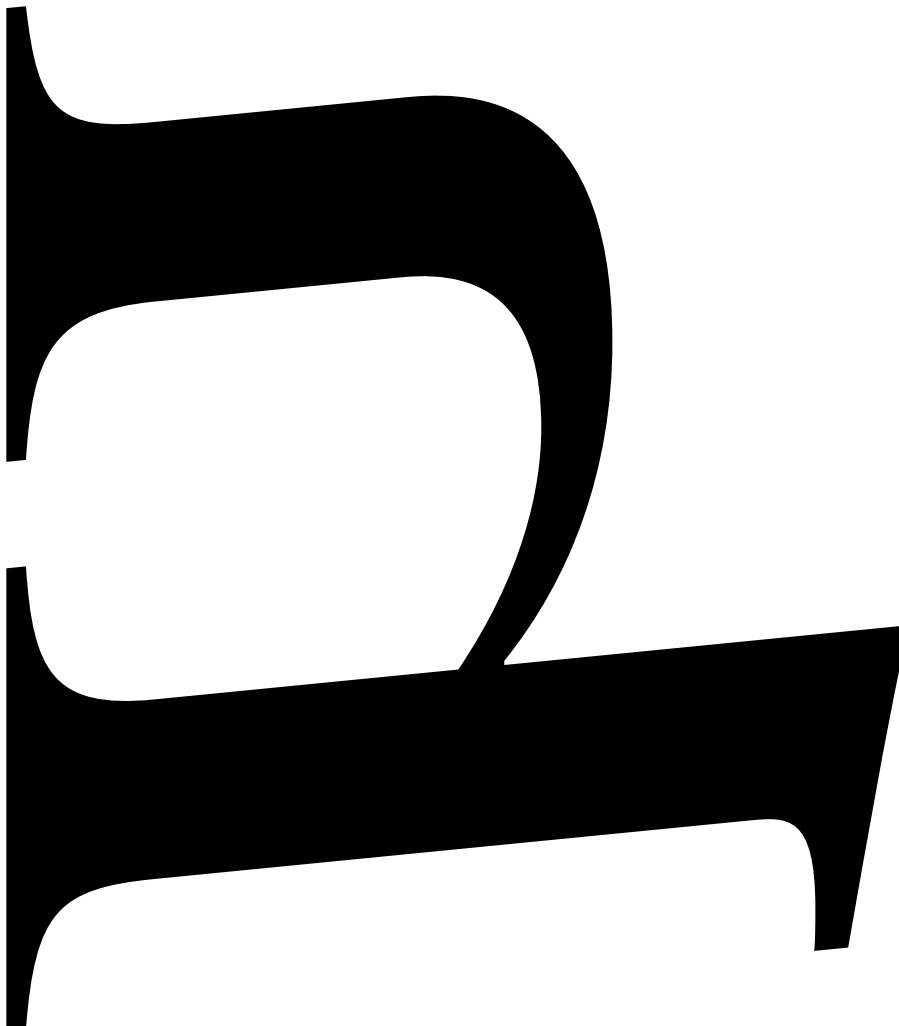
D. Withington

## 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, A. Coté, T. Daloz, E. Delabays, L. Dernis, H. Elshobary, C.E. Ferland-Legault, R. Fisher, C. Frigon, G. Fuda, M. Germain, C. Goyer, J. Greenberg, A. Guzzo, N. Hamawy, R. Hasel, R. Hatzakorzian, S. Hoffman, F. Horosko, I. Kaufman, R.C. Khairy, A. Khoutorsky, K. Klubien, I. Kocur, V. Koeva, G. Kovarik, V. Kudish, I. Lakheeram, M. Lannes, M-L. Laskine Holland, R. Lattermann, J. Létourneau, W. DkhMcy, D. CakhMcHugh90.76 Tm(. P)T371 082 1 118.049 415McMiLaskM. GeMiu, M BGeMistH. Elshobary



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**



**Professors**

Morag P



### Adjunct Professors

Enrico Purisima (*NRC/BRI*)

Julie St-Pierre (*Ott.*)

---

## 6.5 Biomedical Engineering

### 6.5.1 Location

Duff Medical Building  
3775 University Street, Room 316  
Montreal QC H3A 2B4  
Telephone: 514-398-6736  
Email: [info.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 opportunities for interdisciplinary research in the application of engineering, mathematics, and the physical sciences to problems in medicine and the life sciences. Courses are offered for graduate students in the life sciences, and in engineering and the physical sciences leading to the Master's (M.Eng.) and Ph.D. in Biological and Biomedical Engineering.

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

### 6.5.4 Biomedical Engineering Faculty

#### Chair

D. Juncker

#### Emeritus Professor

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

#### Professors

D.L. Collins; B.Sc., M.Eng., Ph.D.(McG.) (*joint appt. with Neurology and Neurosurgery*)

H.L. Galiana; B.Eng., M.Eng., Ph.D.(McG.)

D. Juncker; Dipl., Ph.D.(Neuch-Switzerland)

R.E. Kearney; B.Eng., M.Eng., Ph.D.(McG.)

S. Prakash; B.Sc.(Hon.), M.Sc., M.Tech.(BHU), Ph.D.(McG.)

M. Tabrizian; B.Sc.(Iran), M.Sc., Ph.D.(PMC-France), M.2K

**Associate Members**

S. Baillet (*Neurology and Neurosurgery*)  
C. Baker (*Ophthalmology*)  
F. Barthelat (*Mechanical Engineering*)  
S. Blain-Moraes (*Physical and Occupational Therapy*)  
M. Chacron (*Physiology*)  
M. Chakravarty (*Psychiatry*)  
M. Driscoll (*Mechanical Engineering*)  
A. Ehrlicher (*Bioengineering*)  
S. Enger (*Oncology*)  
A.C. Evans; B.Sc.(Liv.), M.Sc.(Sur.), Ph.D.(Leeds) (*Neurology and Neurosurgery*)  
J. Gotman (*Neurology and Neurosurgery*)  
D. Guitton (*Neurology and Neurosurgery*)  
A. Hendricks (*Bioengineering*)  
R. Hoge (*Neurology and Neurosurgery*)  
Y. Iturria-Medina (*Neurology and Neurosurgery*)  
A. Kamen (*Bioengineering*)  
A. Katsarkas (*Otolaryngology*)  
J. Kildea (*Medical Physics*)  
J. Kinsella (*Bioengineering*)  
S. Komarova (*Dentistry*)  
A.M. Lauzon (*Medicine*)  
R. Leask (*Chemical Engineering*)  
I. Levesque (*Medical Physics and Oncology*)  
J. Li (*Mechanical Engineering*)  
N. Li-Jessen (*Communications and Science*)  
B. Mistic (*Neurology and Neurosurgery*)  
G. Mitsis (*Bioengineering*)  
L. Mongeau (*Mechanical Engineering*)  
R. Mongrain (*Mechanical Engineering*)  
C. Moraes (*Chemical Engineering*)  
J. Near (*Psychiatry*)  
D. Nicolau (*Bioengineering*)  
C. Pack (*Neurology and Neurosurgery*)  
D. Pasini (*Mechanical Engineering*)  
W. Reisner (*Physics*)  
A. Shmuel (*Neurology and Neurosurgery*)  
B. Willie (*Pediatric Surgery*)  
Y.B. Xia (*Bioengineering*)

**Adjunct Professors**

P.G. Charette (Sher.)  
K. Cullen (*Physiology*)

## **Adjunct Professors**

I. El Naqa (Mich.)

C. Grova (C'dia)

J.-M. Lina (ETS)

**Associate Members**

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

Y. Joly (*Human Genetics*)

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

M.E. Macdonald (*MQHRG*)

T. Maniatis (*Bioethics*)

B. Thombs (*Psychology*)

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

M.H. Zawati (*Human Genetics*)

---

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

School of Communication Sciences and Disorders  
2001 McGill College Avenue, Suite 800  
Montreal QC H3A 1G1  
Telephone: 514-398-4137  
Fax: 514-398-8123  
Website: [www.mcgill.ca/scsd](http://www.mcgill.ca/scsd)

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

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

Marc D. Pell

**Graduate Program Director**

Linda Polka

**Professors**

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

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

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

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

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

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

**Associate Professors**

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.) (*on leave*)

Sophie Vaillancourt; B.Sc., M.O.A.(Montr.), M.B.A.(McG.)

### **Faculty Lecturers**

Mariska Burger; B.Sc.(Heerlen)

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

### **Assistant Professors (Part-Time)**

Christina Lattermann; Staatlich anerkannte Logopaedin(Westfaelische Wilhelms-Universität, Muenster), M.Sc.(McG.), Ph.D.(Kassel)

Rosalee Shenker; B.Sc.(Syrac.), M.A.(Calif. St.), Ph.D.(McG.)

### **Faculty Lecturers (Part-Time)**

Mary Jane Blais; B.Sc., M.Sc.(McG.)

Liliane Brunetti; B.Sc.(C'dia), M.Cl.Sc.(W. Ont.)

Jesse Burns; B.A.(C'dia), M.Sc.(McG.)

Dahlia Forrester; B.A.(UWI)

Ariana Fraid; B.A., M.Sc.A.(McG.)

Alexandre Herbay; B.Sc.(Montr.)

Suzanne Lalonde; B.A.(Montr.), M.Sc.A.(McG.)

Lisa Massaro; B.A.(York), M.Sc.A.(McG.)

Maia Masuda; B.Mus., M.Sc.A.(McG.)

Gina Mills; B.Sc.(Acad.), M.Sc.(Dal.)

Yondu Mori; B.Sc.(Alta.)

Amanda Ovadia; B.Sc., M.Sc.A.(McG.)

Francois Prevost; B.Sc.(Montr.), M.Sc.(Ott.), Ph.D.(Montr.)

Eve Julie Rioux; B.A.(Montr.), M.Sc.A.(McG.)

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

V

## 6.8.2 Electives

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

---

**Dia**

**Faculty Lecturers**

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

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

Montreal General Hospital

1650 Cedar Avenue, Room B2.117

Montreal QC H3G 1A4. SycS. Sycebsite: . [Sycwww. Syc.mcgill.ca/emerg](http://www.Syc.mcgill.ca/emerg). Sycg. Sycency. **SycCour. Sycses. Syc6.10.2**

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

INDS 408 – Emergency Medicine Clerkship

**6.10.3 Electives**

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

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

Purvis Hall

1020 Pine Avenue West

Montreal QC H3A 1A2

Telephone: 514-398-6258

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 kno





**Associate Professors**

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

## Associate Members

*Neurology and Neurosurgery:* C, Renoux

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

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

*Physical and Occupational Therapy:* S. Ahmed

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

*Sociology:* S. Clark

*Surgery:* A. Andalib, D. Deckelbaum, F-H. (L) Lee, A. N. Merguerditchian

## Lecturers

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

## Adjunct Professors

*Asociación Civil Selva Amazónica Peru:* M. Casapia

*Boehringer Ingelheim GmbH:* D. Bartels

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

*Caro Research:* J. Caro

*CISSS Abitibi-Témiscamingue:* O. Sobanjo

*Concordia University:* P.E. Boileau

*Contex:* J.P. Gauvin

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

*Harvard Univ.:* J. Brownstein

*Health Canada:* C. Gravel

*Hôpital Ste. Justine:* M. Henderson

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

*INESSS:* D. Roy

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

*Montreal Chest Hospital Centre:* P. Rohan

*Mount Sinai:* M. Baltzan

*Ottawa Public Health:* G. Cadieux

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

*Shire Inc.:* A. Koutsavlis

*Univ. of Bern:* A. Chiolero

*Univ. of Calgary:* A Clarke

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

*Univ. de Montréal:* C. Quach-Thanh, A. Motulsky

Email: [undergrad.fammed@mcgill.ca](mailto:undergrad.fammed@mcgill.ca)

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

### **6.12.2 Core Courses**

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

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

FMED 301 – TCP Family Medicine

FMED 405 – Family Medicine Clerkship

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

### **6.12.3 Electives**

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

### **6.12.4 Family Medicine Faculty**



## Lecturers

S. Dufresne, M.H. Dufresne-Beauchamp, F. Dumouchel, G. Duns, C. Duong, V. Duplessis, M. Duré, J. Duval, E. Edelstein, E. Elman, M. Engo, W. Estev

### **6.13.2 Courses**

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

IMED 407 – Geriatric Medicine Clerkship

### **6.13.3 Electives**

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

---

## **6.14 Human Genetics**

### **6.14.1 Location**

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

### **6.14.2 Core Courses**

This Department contributes to the multidisciplinary 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.

**Professors**

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

**Associate Professors**

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

**Assistant Professors**

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



**Assistant Professors**

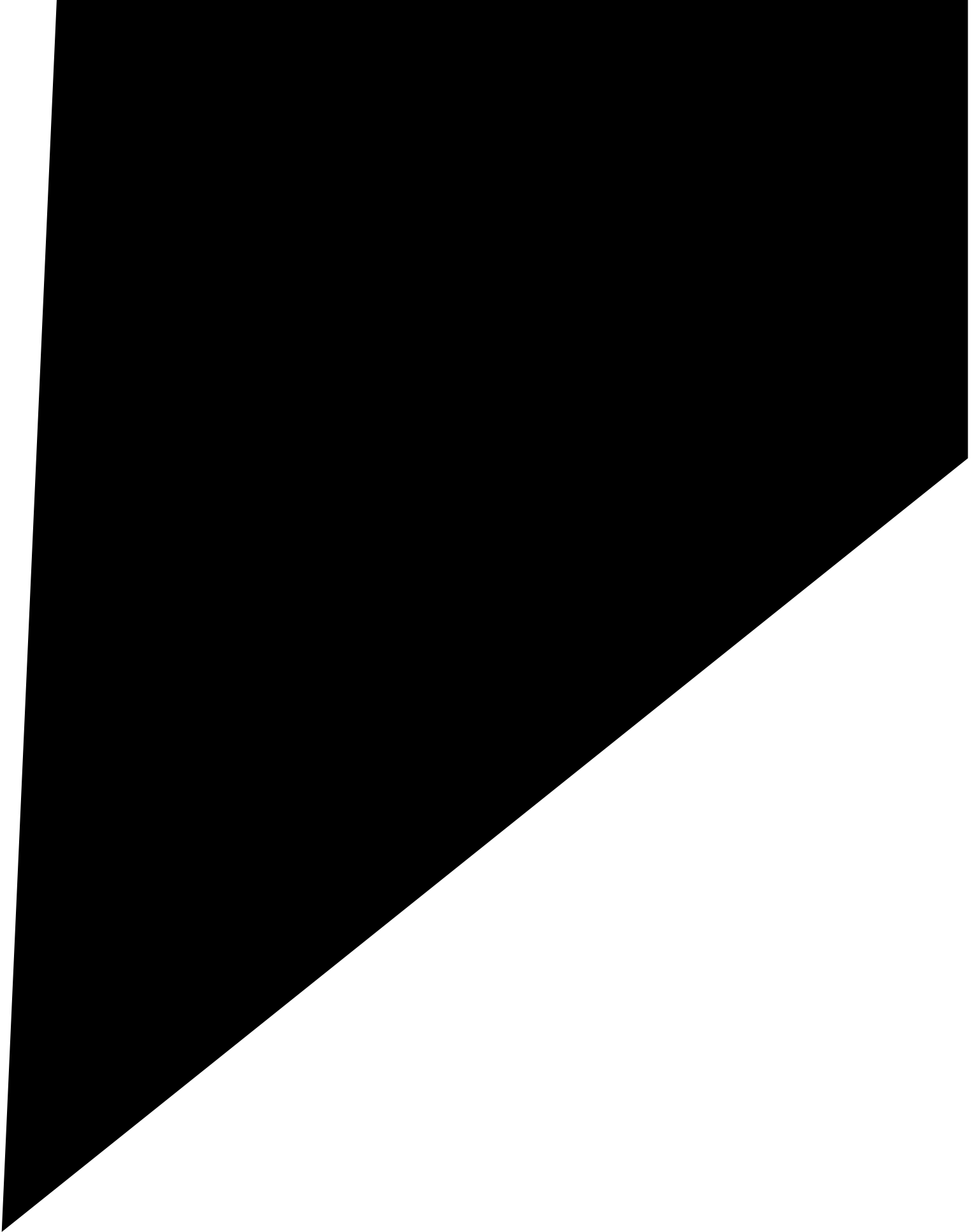
S. Gravel; Ph.D.(NeoH

**Adjunct Professors**

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

**Adjunct Member**

D. Vinh; M.D. (*Dept. of Medical Microbiolo*)



---

## **6.16 Medicine**

### **6.16.1 Location**

Office of the Chair:  
McGill University Health Centre (MUHC)  
1001 Décarie Blvd, suite D05-2212  
Montreal QC H4A 3J1  
Website: [www.mcgill.ca/deptmedicine](http://www.mcgill.ca/deptmedicine)

### **6.16.2 Core Courses**

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

IMED 301 – TCP Internal Medicine

## Associate Professors

Podymow, J. Portnoy, R. Postuma, J. Prchal, S. Qureshi, M. Radhakrishna, E. Rahme, J.T. Ratner, M. Reed, P. Rene, J.B. Richards, S. Rinfret, J.A. Rivera Ramirez, C. Rocheleau, A. Rosenberg, S. Rousseau, J. Schulz, M. Schweitzer, S.K.K. Seah, I. Sebag, G. Sebastiani, C. Seguin, M. Sewitch, A. Shamy, J.D. Shannon, R. Sheppard, M. Sherman, P. Siegel, J. Sjoström, R. Sladek, D. Small, P. Small, M. Smilovitch, S. Solymoss, D. Stellwagen, P. Szego, V. Tagalakis, M. Tamilya, H. Tannenbaum, G. Thanassoulis, E. Torban, P. Tousignant, G. Tsoukas, B. Turcotte, B. Unikowsky, M. Vasilevsky, J. Verdon, E. V

---

## 6.17 Microbiology and Immunology

### 6.17.1 Location

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

### 6.17.2 Core Courses

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

### 6.17.3 Other Courses

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

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

### 6.17.4 Microbiology and Immunology Faculty

#### Interim Chair

G. Matlashewski

#### Emeritus Professors

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

#### Professors

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

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

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

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

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

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

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

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

### Assistant Professors

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

C. Krawczyk; Ph.D.(Tor.) ; (*Currently on leave.*)

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

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

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

### Associate Members

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

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

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

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

*Molecular Biology:* N. Cermakian, S. Hussain, A. Jardim, A. Moulard, K. Pantopoulos, M. Tremblay

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 contrib



## Professors

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

## Associate Professors

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

## Assistant Professors

R. Altman, M. Angle, G. Armstrong, J. Atkinson, B. Bernhardt, B. Chen, R. Diaz, M.E. Dilenge, S. DiMaio, P. Dion, E. Djordjevic, R. Dudley, L. Durcan, T. Durcan, E. Ehrensperger, M. Elsabbagh, B. Frauscher, Z. Gan-Or, D. Gendron, J. Golan, B. Goulet, J. Hall, L. Healy, M.N. Hebert-Blouin, P. Huot, K. Hyde, E. Kobayashi, T. Kolivakis, L.M. Koski, A. Kostikov, J. Kovitz-Lensch, M. Laguë-Beauvais, M. Larose, M. Lechter, C. Legault, G. Legault, T.G. Leonard, B. Lo, S. Lubarsky, M. Maleki, J. Marcoux, G. Massarweh, R. Massie, A. Milnerwood, B. Misic, A. Moussady, K. Myers, S. Narayanan, E. O'Ferrall, A. Peyrache, C. Renoux, D. Rudko, R. Saluja, C. Santaguida, A. Saveriano, M. Sidel, E. Simard-Tremblay, D. Sinclair, D. Sirhan, M. Srour, T. Stroh, A. Suvrathan, V. Sziklas, C. Tardif, S. Trenholm, J. V

#### 6.18.5.3 Centre for Research in Neuroscience Faculty

##### Director

K. Murai

#### 6.18.5.4 Montreal Children's Hospital Faculty

##### Director, Division of Pediatric Neurology

G. Sébire

##### Neurosurgeon-in-Chief

J.-P. Farmer

#### 6.18.5.5 Jewish General Hospital Faculty

##### Neurologist-in-Chief

J. Minuk

##### Neurosurgeon-in-Chief

J. Golan

---

### 6.19 Obstetrics and Gynecology

#### 6.19.1 Location

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

#### 6.19.2 Core Courses

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

OBGY 401 – Obstetrics and Gynecology Clerkship

#### 6.19.3 Electives

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

#### 6.19.4 Obstetrics and Gynecology Faculty

##### Chair

Togas Tulandi

##### Professors

### 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. Walter, H.S. Weibel, K. Wou, X. Zeng, C. Ziegler

### Lecturers

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

### Associate Members

F. Baltzer, W. Foulkes, E. Franco, J.M. Laberge, T. Taketo, Z. Vang, P. Zelkowitz

### Adjunct Professors

E.F. Hamilton, G. Holzer, M. Leong, E. Suarathana, C.V. Sylvestre

### Affiliate Member

J. Solomon

---

## 6.20 Oncology

### 6.20.1 Location

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

### 6.20.2 Core Courses

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

### 6.20.3 Electives

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

### 6.20.4 Oncology Faculty

#### Chair

E. Franco

#### Professors

B. Abdulkarim, M. Alaoui-Jamali, A.

**Associate Professors**

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

**Assistant Professors**

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

**Lecturers**

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

**Associate Members**

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

**Adjunct Professors**

R-K. Agnihotram, A.E. Al Moustafa, N. Blais, A. Burchell, M. Chasen, F. Coutlee, F. DeBlois, B. Gagnon, M. Hassanain, S. Mahmud, A.G. Martin, M-H. Mayrand, B. Mofitah, G.B. Pike, S. Ratnam, D. Roberge, V. Sandor, A. Sarfehnia, G. Simos, E. Soisson, T. Sullivan, A. Syme, H. Trotter

---

**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. Edelman, M. Flanders, M. Gans, J.E.S. Gomolin, M. Kapusta, O. Kasner, A. Khan, R. Koenekoop, S. Lindley, J.M. Little, J. Mendola, O. Overbury, R. Polomeno, J. Rosen, N.E. Saheb, L. Solomon

**Assistant Professors**

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

**Lecturers**

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

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

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

**6.22.2 Core Courses**

This Department contributes to the multidisciplinary 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, pathogenesis, presentation, and management.

**6.22.3 Electives**

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

**6.22.4 Graduate Courses**

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

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

N. Sadeghi

**Graduate Program Director and Director of Research**

B. Segal

**Director of Residency Training Program**

K. Richardson

**Director of Head and Neck Oncology Program**

N. Sadeghi

**Director of Undergraduate Medical Education**

J. Young

**Director of Fellowship Training**

J. Rappaport

**Emeritus Professor**

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

**Professors**

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

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

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

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

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

**Associate Professors**

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

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

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

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

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

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

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

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

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

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

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

M. T

**Associate Members**

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

**Lecturers**

C. Boucher; M.D.  
 S. Bouhabel; M.D.  
 R. Caouette; M.D.  
 M. Campagna-Vaillancourt; M.D.  
 A. Finesilver; M.D.,C.M.(McG.), F.R.C.S.(C)  
 O. Houle; M.D.  
 V. Iordanescu; M.D.  
 M. Lalonde; M.D.  
 L. Monette; M.D.  
 L. Picard; M.D.(Montr.), F.R.C.S.(C)  
 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)

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

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

**Science Undergraduate Education**

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

### 6.23.2 Core Courses

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

### 6.23.3 Electives

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

### 6.23.4 Other Courses

PATH 300 – Human Disease

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

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

### 6.23.5 Pathology Faculty

#### Chair

Z. Gao

#### Director of Graduate Program

E. Zorychta

#### Professors

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

M.N. Burnier Jr.; M.D.(UFPR, Brazil), M.Sc., Ph.D.(São Paulo)

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

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

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

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

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

I. Hüttner; M.D.(Budapest), Ph.D. (McG.), F.R.C.P.(C)

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

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

C.M.



**Associate Professors**

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

**Assistant Professors**

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



## 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. Pulig

### 6.25.3 Core Courses

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

### 6.25.4 Other Courses

The Department offers a range of courses at different levels on the principles of pharmacology and therapeutics, with emphasis on the sites and mechanisms of action of drugs, from whole body to molecular interactions. The compounds covered represent classes of drugs used in the treatment of human disease. These courses are available to students registered in the Department's undergraduate program. The Department also offers a graduate program leading to an M.Sc. and/or a Ph.D. degree.

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

### 6.25.5 Pharmacology and Therapeutics Faculty

#### Chair

G. Multhaup

#### Emeritus Professors

R. Capek, H.H. Zingg

#### Professors

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

#### Associate Professors

J. Tanny

#### Assistant Professors

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

#### Associate Members

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

#### Adjunct Professors

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

#### Affiliate Members

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

---

## 6.26 Physiology

### 6.26.1 Location

McIntyre Medical Sciences Building  
3655 Promenade Sir-William-Osler

is one of the prime contributors of basic scientific knowledge to the clinical medical sciences. Members of the Department of Physiology at McGill are engaged in studies dealing with molecules, single cells, or entire systems in a variety of vertebrates, including humans. A wide range of interest and expertise is represented, including:

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

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

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

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

### 6.26.3 Physiology Faculty

#### Chair

John White

#### Graduate Program Director

Alvin Shrier

#### Emeritus Professors

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

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

**Professors**

Jacopo P

### Adjunct Professors

M. Craig, K. Cullen, P. Haghighi, J. Martinez-Trujillo

### Associate Professor Post-Retirement

Ann Wechsler; B.A.(Tor.), M.Sc., Ph.D.(McG.)

---

## 6.27 Psychiatry

### 6.27.1 Location

1033 Pine Avenue West  
Montreal QC H3A 1A1  
Website: [www.mcgill.ca/psychiatry](http://www.mcgill.ca/psychiatry)

### 6.27.2 Core Courses

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

## Professors

C. Benkelfat; M.D.(Rabat) (*James McGill Professor*)  
D. Boivin; Ph.D.(Montr.)  
P. Boksa; B.Sc., Ph.D.(McG.)  
M. Bond; B.Sc., M.D.,C.M.(McG.)  
J. Breitner; B.A.(Harv.), M.P.H.(Johns Hop.), M.D.(Penn.)  
A. Brunet; Ph.D.(Montr.)  
N. Cermakian; B.Sc.(UQTR), M.Sc., Ph.D.(Montr.)  
M. Cole; B.Sc., M.D.,C.M.(McG.)  
S. El Mestikawy; Ph.D.(Paris VI)  
M.-J. Fleury; M.A., Ph.D.(Montr.)  
C. Flores; B.Sc., M.A., Ph.D.(C'dia)  
S. Gauthier; B.A., M.D.(Montr.)  
B. Giros; M.Sc., Ph.D.(Paris VI)  
A. Gratton; Ph.D.(C'dia)  
J. Guzder; B.Sc., M.D.,C.M., F.R.C.P.  
L.T. Hechtman; B.Sc., M.D.,C.M.(McG.)  
R. Joobar; M.D.(Tunisia), Ph.D.(McG.)  
B. Kieffer; Ph.D.(Strasbourg)  
S. King; Ph.D.(Virg.)  
L.J. Kirmayer; B.Sc., M.D.,C.M., Dipl.Psych.(McG.) (*James McGill Professor*)  
E. Latimer; B.A.Sc.(Wat.), M.S., Ph.D.(Carn. Mell)  
M. Lepage; B.A.(C'dia), Ph.D.(UQAM)  
M. Leyton; Ph.D.(C'dia) (*William Dawson Scholar*)  
G. Luheshi; Ph.D.(Newcastle, UK)  
A. Malla; M.B.B.S.(Panjab)  
M.J. Meaney; B.A.(Loyola), M.A., Ph.D.(C'dia) (*James McGill Professor*)  
V.N.P. Nair; M.B., B.S.(Kerala), D.P.M.(Mys.)  
R. Palmour; B.A., Ph.D.(Texas)  
J.C. Perry; M.D.(Duke)  
R.O. Pihl; B.A.(Lawrence), Ph.D.(Ariz.) (*Psychology*)  
J. Poirier; Ph.D.(Montr.)  
R. Quirion; M.Sc., Ph.D.(Sher.)  
C. Rousseau; M.Sc.(McG.), M.D.,C.M.(Sher.)  
L.K. Srivastava; B.Sc., M.Sc.(Allahabad), Ph.D.(J. Nehru)  
H. Steiger; Ph.D.(McG.)  
B. Thombs; B.A.(N'western), M.A.(Ariz.), Ph.D.(NYU)  
G. Turecki; M.Sc., M.D.,C.M., Ph.D.(McG.) (*William Dawson Scholar*)  
C.-D. Walker; B.Sc., Ph.D.(Geneva)  
A. Young; B.A., M.A., Ph.D.(Penn.)

## Associate Professors

L. Amirali; M.D.(Athens)



**Associate Professors**

J. Armony; B.Sc.(Buenos Aires), M.Sc., Ph.D.(NYU)

P. Assalian; Dip.Psychol.(McG.), M.B.,Ch.B.(Cairo)

S. Beaulieu; M.D./Ph.D.(Laval)

M. Berlim; M.Med., M.D.(Rio Grande do Sul)

V. Bohbot; B.A.(McG.), M.A., Ph.D.(Ariz.)

M.J. Brouillette; M.D.,C.M.(Sher.)

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

E. Chachamovich; M.D.(Rio Grande do Sul), Ph.D.(Edin.)

D. Charney; M.D.,C.M.(McG.)

J.B. Debruille; M.D.(Paris XI), Ph.D.(Paris VI)

D. Dunkley; B.Sc.(Tor.), Ph.D.(McG.)

F. Elgar; M.Sc.(Nfld.), Ph.D.(Dal.)

P. Étienne; M.D.(Liege)

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

D. Frank; Dip.Psychol., M.D.,C.M.(McG.)

R. I. Fraser; M.D.(Dal.)

M.-C. Geoffroy; Ph.D.(Montr.)

K.G. Gill; B.Sc.(Br. Col.), M.A., Ph.D.(C'dia)

G. Gobbi; M.D.(Rome), Ph.D.(Cagliari)

I. Gold; Ph.D.(Princ.)

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

B. Greenfield; M.D.(Wash.)

N. Grizenko; M.D.,C.M.(Sher.)

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

R. Gruber; B.A., M.S., Ph.D.(Tel Aviv)

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

M. Israël; B.Sc., Gr.Dip.Psych.(McG.), M.A.(Qu.), M.D.,C.M.(McG.)

E. Jarvis; M.D.(Alta.), M.Sc.(McG.), F.R.C.P.

T. Kolivakis; M.D.(Athens)

K. Looper; B.Sc., M.D.(Ott.), M.Sc.(McG.)

O. Mantere; M.D.(Helsinki)

H.C. Margolese; M.D.(McG.), C.M., M.Sc.

N. Mechawar; B.Sc., M.Sc., Ph.D.(Montr.)

R. Montoro; M.D.,C.M., M.Sc., F.R.C.P.(C)

G. Myhr; M.D.,C.M., M.Sc.(McG.)

L. Nadeau; M.D.(Montr.)

J. Naiman; B.A., M.D.,C.M.(McG.)

J. Palacios-Boix; M.D., F.R.C.P.(C)

J. Pecknold; B.Sc.(C'dia), M.D.,C.M.(McG.)

M. Perreault; Ph.D.(Montr.)

A. Propst; B.Sc., Dip.Psychol., M.D.,C.M.(McG.)

M.N. Rajah; B.Sc., M.A., Ph.D.(Tor.)

**Associate Professors**

R.A. Ramsay; B.Sc., Gr.Dip.Psychiat., M.D.,C.M.(McG.)  
 A. Raz; M.Sc., Ph.D.(Hebrew)  
 J. Renaud; M.Sc., M.D.(Montr.)  
 S. Renaud; M.D.(Laval)  
 B.M. Robertson; Dip.Psychol.(McG.), M.B.,Ch.B.(Otago)  
 J. Rochford; M.A.(Qu.), Ph.D.(C'dia)  
 P. Rosa; M.D.(Rio Grande do Sul), Ph.D.(Aarhus)  
 Z. Rosberger; Ph.D.(C'dia)  
 M. Ruiz Casares Yebenes; Ph.D.(Cornell)  
 R. Russell; M.D.(McG.)  
 N. Schmitz; Dipl., Ph.D.(Univ. Dortmund)  
 S. Singh; M.D.(Calg.), F.R.C.P.  
 D. Sookman; B.A.(McG.), M.A.(Guelph), Ph.D.(C'dia)  
 W. Steiner; M.D.,C.M.(McG.)  
 F.K. Storch; M.Sc.(Munich), Ph.D.(Max Planck Inst. Biochem.)  
 B. Suranyi-Cadotte; B.Sc., M.Sc.(McG.), M.D.,C.M.(Montpellier)  
 A. Wazana; B.A.(McM.), M.Sc.(Col.), M.Sc.(McG.), M.D.(McM.)  
 S. Williams; Ph.D.(Montr.)  
 G. Wiviott; B.Sc.(Wisc.), Gr.Dip.Psychiat.(McG.), M.D.,C.M.(NYU)  
 T.P. Wong; B.Sc., M.Ph.(HK), Ph.D.(McG.)  
 P. Zelkowitz; Ph.D.(McG.)  
 M. Zoccolillo; B.Sc.(New Orleans), M.D.(Norfolk)

**Assistant Professors**

D. Awad; M.D.(Montr.)  
 S.M. Bailes; Ph.D.(C'dia)  
 P. Bajsarowicz; M.D.(McG.), F.R.C.P.(C)  
 E. Banon; M.D.,C.M.(McG.)  
 M. Barbarosie; M.D., Ph.D.(Montr.)  
 L. Beauclair; B.Sc., M.D.(Laval)  
 C. Beneirakis; Gr.Dip.Psychiat.(McG.), M.D.(Trin. Coll.,Tor.)  
 R. Biskin; M.D., M.Sc.(McG.)  
 P. Bleau; B.Sc., Gr.Dip.Psychiat., M.D.,C.M.(Sher.)  
 D. Bloom; B.Sc.(Regina), M.D.(Qu.)  
 M. Boily; B.Sc., M.D.(Laval)  
 J. Bond; M.D.(Laval)  
 F. Bourque; M.D.(Laval), Ph.D.(KCNS)  
 I. Bradley; M.Sc.(Tor.), Ph.D.(Wat.)  
 M. Brandon; Ph.D.(Boston)  
 T.G. Brown; Ph.D.(C'dia)  
 A. Bucatel; M.D.(Nicolae Testemitanu St. Univ. of Med. and Pharm.)  
 J. Canfield; B.A.(New Br.), M.D.,C.M.(Dal.)

**Assistant Professors**

P. Cerv

**Assistant Professors**

T. Kolivakis; M.D.(Athens)  
R. Kronick; M.D.(McG.)  
R. Kuyumjian; M.D.,C.M.(McG.)  
P. Lageix; B.Sc., M.D.,C.M.(Paris IV)  
M. Laporta; Dip.Psychol., M.D.,C.M.(McG.)  
L. Laporte; B.A.(McG.), M.Psychol., Ph.D.(Montr.)  
M. Lashley; Ph.D.(McG.)  
J.D. Leccia; M.D.(Provence Aix-Marseille)  
E. Levy; Gr.Dip.Psychiat.(McG.), M.Ed.(Sher.)  
E. Libman; B.A., M.Sc., Ph.D.(McG.)  
E. Lizondo; M.D.,C.M.(Nat. Univ. Central Buenos Aires)  
N.C.P. Low; M.D., M.Sc.(McG.)  
W. Ma; M.D., M.Sc.(Tongji), Ph.D.(McG.)  
S.K. Margolese; Ph.D.  
R. Martins; Ph.D.(Montr.)  
N. Masrouha; M.D.(Sher.)  
T. Measham; B.Sc., M.D.(McG.)  
X. Meng; Ph.D.  
M. Messier; B.A.(Montr.), M.B.A.(HEC)  
G. Meterissian; Gr.Dip.Psychiat.(McG.), M.D.,C.M.(Montr.)  
T.M. Milroy; B.Sc., M.D.,C.M.(Md.), Gr. Dip. Psychiat.(McG.)  
M. Miresco; M.D.,C.M.(McG.)  
J.P. Near; Ph.D.(W. Ont.)  
M-C. Noel; M.D.(Sher.), F.R.C.P.C.  
T. V. Nguyen; M.D.  
K. O'Donnell; Ph.D.(Imp. Coll. Lon.)  
J.A. O'Neil; B.A.(C'dia), Dip.Psychol., M.D.,C.M.(McG.)  
M. Piat; Ph.D.(Laval)  
L. Pinard; M.D.(Montr.), F.R.C.P.(C)  
Z. Prelevic; Dip.Psychol.(McG.), M.D.,C.M.(Belgrade)  
A. Propst; M.D.  
M. Rabinovitch; B.Sc., M.D.,C.M.(McG.)  
S. Rej; M.D., M.Sc.(McG.)  
S.B. Rosenbloom; B.A.(C'dia), M.A.(York)  
C. Roy; B.Sc.(McG.), M.D.,C.M.(Dal.)  
T. Said; B.Sc.(McG.), M.D.,C.M.(Sher.)  
H. Schwartz; M.D.(McG.)  
M. Segal; B.A.(C'dia), B.Sc.(O.T.)(McG.), M.D.,C.M.(Ott.)  
J. Seguin; B.A., B.Sc., M.D.,C.M.(Ott.)  
T. Semeniuk; B.Sc., M.Ed., M.D.,C.M.(Alta.)  
J. Shah; M.Sc.(Lond.), M.D.(Tor.)  
O. Sidhom; M.D.

**Assistant Professors**

M. Sigman; B.A.(McG.), M.A., Ph.D.(C'dia)  
 P.P. Silveira; M.D., Ph.D.  
 I. Spector; B.A.(McG.), M.Sc., Ph.D.(Syrac.)  
 K.A. Steger; M.D., Ph.D.(Texas, Southwest. Med. Cent.)  
 A. St-Hilaire; M.Sc.(McG.), Ph.D.(Ohio)  
 M. St-Laurent; M.D.(Montr.)  
 N. Szkrumelak; B.Sc., M.D.,C.M.(McG.)  
 K. Tabbane; M.D., Ph.D.(Tunisia)  
 M. Temple; M.D.  
 P. Tetreault; M.D.,C.M.(Sher.)  
 L. Thaler; Ph.D.(Nevada)  
 Z. Thomas; M.D.(McG.)  
 L. Tourian; M.D.(McG.)  
 A. Traicu; M.D.(McG.)  
 J. Tremblay; B.A.(Montr.), M.Sc.(McG.), M.D.,C.M.(Montr.)  
 J. Guimezap Tsopmo; M.D.(Laval)  
 S. Veissière; Ph.D.(Mc.G.)  
 S. Vida; B.Sc.(Ott.), M.D.,C.M.(McG.)  
 S. Villeneuve; Ph.D.(Montr.)  
 J. Vogel; M.D.,C.M.(Manit.)  
 R. Whitley; B.S., M.S., Ph.D.(Lond.)  
 M.A. Wolf; M.Sc., M.D.,C.M.(Strasbourg)  
 Y. Wolf; M.D.(McG.)  
 G. Zahirney; M.D.(McG.)  
 T.Y. Zhang; Ph.D.(McG.)  
 V. Zicherman; B.Sc., M.D.,C.M.(McG.)  
 D. Zigman; M.D.(McG.)  
 E. Zikos; M.D.(Montr.)

**Lecturers**

F. Amdiss, N. Beauchemin, T. Bedrossian, J.F. Belair, F. Bensaada, I. Blais, C. Blake, M. Boisvert, O. Boureau, C.M.J. Brebion, A. Cadivy, E. Casimir, E. Cauchois, P. Chan, M.B. Cofas, M. Coward, T.-V. Dao, M.H.N. Dinh, H.C. Dube, J.A. Farquhar, H. Goldhaar, P. Harden, J. Harvey, M. Heyman, H.G. Jean-Francois, D. Kunin, N. Kuperstok, R.A. Labonte, S. Mauger, D. Michaud, D.F.S. Monti, K. Myron, R. Orenman, C. Paquin-Hodge, R. Payeur, L. Peters, M. Pickles, G. Pierre-Louis, M. Quintal, K. Richter, D.T. Rochon, A. Schiavetto, V. Tagalakis, F.C. Toma, O. Triffault, E. Veljanova, S. Wisebord, C.H.A. Zarowsky

**Associate Members**

R.C. Bagot, S. Bond, J.L. Derevensky, M. Drapeau, A. Evans, M-C Geoffroy, M. Larose, M. MacKenzie, L. McVey, T. Montreuil, G. O'Driscoll, J. Russell, R.N. Spreng, J.I. Trakdis

**Adjunct Professors**

M. Alda, P. Blier, L. Boojj, A. Daigneault, A. Duffy, D. Fikretoglu, R. Fugere, A. Gagnon, J.-M. Guile, K. Hyde, F. Jollant, V. Kovess, A. Lesage, S.J. Lloyd, A. Maccordick, T. Ngo-Minh, J. Pruessner, M. Pruessner, S. Richard-Devantoy, A. Ryder, S. Sultan, C. Tranulis, P. Vitali

**Post-Retirement**

D.P. Dastoor, J.P. Ellman

---

**6.28 Rosalind and Morris Goodman Cancer Research Centre**

**The Rosalind and Morris Goodman Cancer Research Centre**

1160 Pine Avenue West, Room 602

Montreal QC H3A 1A3

Telephone: 514-398-3535

Website: [www.mcgillcrc.com](http://www.mcgillcrc.com)

The Rosalind and Morris Goodman Cancer Research Centre (GCRC) conducts internationally recognized fundamental and translational research in all areas of cancer. [TheT.mcgillcr](http://TheT.mcgillcr)

### 6.29.2 Core Courses

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

INDS 426 – Putting It All Together: Basic Science, Medicine and Society

### 6.29.3 Electives

The Department offers a wide range of electives in aspects of the social sciences and humanities as they relate to medicine. See the [Electives Program](#) for elective opportunities.

### 6.29.4 Graduate Program

Through the Department, graduate students can obtain one of the following:

- M.A. in the History of Medicine
- M.A. in Medical Anthropology
- M.A. in Medical Sociology

The above degrees are acquired in programs administered jointly with the Departments of History, Anthropology, and Sociology in the Faculty of Arts. Consult the Faculty of Arts' [Graduate and Postdoctoral Studies](#) section for further information.

### 6.29.5 Social Studies of Medicine Faculty

#### Chair

Annmarie Adams

#### Emeritus Professor

Marg

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

MGH / McGill University Health Centre  
1650 Cedar Av, L9.411  
Montreal QC H3G 1A4  
Email: [ugradsurgery.med@mcgill.ca](mailto:ugradsurgery.med@mcgill.ca)  
Website: [www.mcgill.ca/surgery](http://www.mcgill.ca/surgery)

### 6.30.2 Core Courses

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

SURG 301 – TCP Surgery

SURG 402 – Surgery Clerkship

### 6.30.3 Electives

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

### 6.30.4 Surgery Faculty

#### Chair

G.M. Fried (*Edward W. Archibald Professor*)

#### Emeritus Professors

J.D. Bobyne

R. Brown

F. Cervero

M. Duhaime

F.H. Glorieux

J. Henderson

J. Hinchey

N. Mitchell

E. Monaghan

A.R. Poole

N. Sheiner

H. Shizgal

H. Sigman

#### Professors

J. Antoniou

A.G. Aprikian

J.S. Barkun

J. Barralet

F. Bladou

P. Brodt

S. Carrier

P. Chan

S. Chevalier



## Professors

J. Corcos  
M. Elhilali  
L. Feldman  
L. Ferri  
R.C. Hamdy  
E.J. Harvey  
W. Kassouf  
J.-M. Laberge  
R.G. Margoese (*Herbert Black Professor of Surgical Oncology*)  
S.H. Meterissian  
P.M. Metrakos  
D.S. Mulder (*H. Rocke Robertson Professor of Surgery*)  
F. Mwale  
A. Philip  
L. Rosenberg  
D. Shum-Tim  
R. St-Arnaud  
S. Tanguay  
M. Tanzer  
C.I. Tchervenkov  
J.I. Tchervenkov  
A. Turnbull  
R. Turcotte  
A. Zini

## Associate Professors

S. Andonian, R.O. Arena, M. Basik, S. Bergman, G.K. Berry, O.W. Blaschuk, J-F. Boileau, M. Boutros, R. Cecere, P. Chaudhury, R. Chaytor, L.P. Coughlin, B. de Varennes, R.A. Dimentberg, P. Fata, W. Fisher, D.M. Fleiszer, S. Fraser, M. Gilardino, L. Haglund, K. Khwaja, K. Lachapelle, Y. Langlois, J. Lapointe, L. Lessard, A.S. Liberman, A. Loutfi, K. MacKenzie, P.A. Martineau, A-N. Meguerditchian, E. Mitmaker, J.-F. Morin, P. Nault, C. O'Flaherty, J.A. Ouellet, S. Paraskevas, P. Puligandla, R. Reindi, J. Sampalis, G. Schwarz, T. Steffen, O.K. Steinmetz, R. Tabah, M. Vassiliou, G. Zogopoulos, D. Zukor

## Assistant Professors

A. Albers, H.F. Al-Jallad, A. Andalib, D. Anderson, M. Anidjar, M. Aube-Peterkin, S.D. Bailey, J. Bayne, A. Beckett, T. Benaroch, S. Bergeron, G. Brabant, B. Brenner, A.D. Brzezinski, M. Burman, L. Campeau, P. Charlebois, M.S. Chughtai, J. Cools-Lartigue, M.M. Corriveau, O. Court, D.M. Cunningham, P.G. Davison, D. Deckelbaum, S. Demyttenaere, A.M. Derossis, T. Dionisopoulos, A. Dragomir, S. Dumitra, D.M. Eiley, A. El-Hakim, M.T. El-Sherbini, N. Eliopoulos, C. Emond, P. Ergina, N. Fahmy, J. Faria, J.F. Fiore Junior, L. Garzia, G. Ghitulescu, H. Gill, J. Grushka, A. Hart, O. Huk, P. Jarzem, R. Jednack, J. Johansson, D. Labbé, J. Lee, L. Lee, E.M. Lenczner, M. Luc, R.J. Marien, K. Matthews, G.E. Merle, M. Morelli, N. Morin, E. Moss, C. Mueller, J.A. Mutch, M-L. Nault, O. Neel, D. Obrand, J.A. Ouellet, J-S. Pelletier, M. Petropavlovskaja, N. Posel, T. Razek, J. Rodriguez, D.H. Rosenzweig, R. Salasidis, G. Samoukovic, V. Sangwan, I. Shanfield, K. Shaw, C. Sirois, J. Spicer, B.L. Stein, D. Tataryn, S. Thibaudeau, F. Tremblay, T. Zuk

**Associate Members**

J.M. Cameron, M. Cantarovich, F. Cury, C.E. Ferland-Legault, P. Goldberg, A. Gursahaney, S. Komarova, J.-J. Lebrun, N. Makhoul, M. Murshed, N. Nguyen, A.Y. Riaz, B. Willie

**Adjunct Professors**

M. Alini, F.G. Bladou, T. Fevens, Y. Ponsot, W

Established in 2011 by Amy Claxton, in honour of her husband, David Claxton, M.D.,C.M.'78. Dr. Claxton's family has a long unbroken history of McGill graduates stretching back four generations in both medicine in law. The David F. Claxton entrance scholarship is awarded to an outstanding undergraduate student entering the Faculty of Medicine, on the basis of academic merit.

Value: \$4000.

**Deschesnes-Yee Class of Medicine 1990 Entrance Scholarship**

Established in 2016 by the Class of Medicine 1990 on the occasion of their 25th anniversary reunion and in memory of their classmates Dimitrios Deschesnes, M.D.,C.M.'90 and Herman Yee, M.D.,C.M.'90. Awarded by the Faculty of Medicine's Scholarships Committee on the basis of academic merit to students entering the M.D.,C.M. program.

Value: varies.

**Dr. Graham Sommer International Scholarships in Medicine**

Established in 2006 by Dr. Graham Sommer, M.D.,C.M.'72. Awarded by the Faculty of Medicine to outstanding international students entering the M.D.,C.M. program in the Faculty of Medicine. While academic standing is of primary importance, consideration will also be given to leadership in extracurricular and community activities.

Estimated value: \$15,000; renewable.

**Dr. John G. Cassils Major Entrance Scholarship**

Established in 2015 by Dr. John G. Cassils, B.Sc.'61, M.D.'66 (University of Alberta) for one or more students in the M.D.,C.M. program from indigenous

Established in 2010 through the generous bequest of Sylvia Rose, honouring the wishes of her late husband, T.F. Rose, M.D.,C.M.'43, for outstanding undergraduate students entering the Faculty of Medicine. Awarded on the basis of academic merit by the Faculty of Medicine.  
Value: varies.

---

## 7.2 Research Awards

For more information, contact [rbursary.med@mcgill.ca](mailto:rbursary.med@mcgill.ca).

### **Barbara Usher Goldberg Research Bursary**

Established in 2010 by Norman Goldberg, B.Sc.'55, M.D.,C.M.'59, in honour of his late wife, Barbara Usher Goldberg, B.A.'57, M.A.'59. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical or allied health students in the Fthe F

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**

Established in 2011, by Raymond Kahn, B.Sc.'69, M.D.,C.M.'73 and his wife, Leora Kahn, B.A.'71, M.S.W.'77, in memory of his mother, Marion Kahn, for outstanding students pursuing research in the Faculty of Medicine. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical or allied health students in the Faculty of Medicine at McGill University. Preference will be given to students engaged in breast cancer research.

**Drs. Annalee & Mark Abelson Travel Fund in Medicine**

Established in 1997 through a generous gift from Dr. Annalee Abelson, B.A.'68, M.Sc.'71, Ph.D.'81 and Dr. Mark Abelson, B.Sc.'66, M.D.,C.M.'70. The annual income is to be used equally for travel funds for M.D.,C.M.&Ph.D. students and students in the School of Human Communication Sciences and Disorders. The trav



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**

Value: varies. Through summer of 2020.

**William and Laura Victor Memorial Award**

Established in 2000 by Laura Victor, B.A.'32, in memory of her husband, William V. Victor, B.Com.'31, F.C.A. Awarded by the Faculty of Medicine Jury of the Annual Student Research Day to a meritorious undergraduate medical student.

Value: minimum \$1,000.

---

### 7.3 Global Health and Travel Awards

For more information, contact [globalhealth@mcgill.ca](mailto:globalhealth@mcgill.ca).

**Alex W. Strasberg M.D.,C.M.'21 and Harvey M. Weinstein M.D.,C.M.'67 Global Health Award**

Established in 2016 by Rhona Weinstein (née Strasberg), B.A.'67, M.A.'69, and Harvey M. Weinstein, B.Sc.'63, M.D.,C.M.'67, in honour of Rhona's late father, Alex W. Strasberg, M.D.,C.M.'21 and Harvey M. Weinstein, M.D.,C.M.'67, both pioneers and advocates in clinical work and research related to vulnerable populations.

An immigrant to Canada, Dr. Strasberg was among the earliest Jewish students to graduate from McGill Medicine. He became a urologist on staff at the Jewish General Hospital and the Royal Victoria Hospital, conducted research, and taught in the Department of Urology at McGill. He de



Established in 2017 in memory of Freda M. Omaswa, M.D.,C.M.'08 by her classmates, family, friends, and colleagues. Freda was an inspirational human with an exceptional warmth and sincerity that drove her to always put the needs of others ahead of her own. Awarded by the Faculty of Medicine upon the recommendation of the Director of Global Health Programs to provide travel support for an M.D.,C.M. student travelling to Africa in order to gain experience in tropical and infectious diseases. Preference will be given to an M.D.,C.M. student travelling to Uganda.

Value: approximately \$3,000.

**Dr. Milan K. Sen Travel Award in Global Health Surgery**

Established in 2016 by Dr. Milan Sen, B.Sc.'94, M.D.,C.M.'98, to provide travel support for undergraduate medical students interested in global surgery within the Faculty of Medicine who are pursuing an elective overseas in under-resourced areas in the world, or among underserved populations in Canada or the U.S. (e.g., Indigenous populations). Awarded by the Faculty of Medicine upon recommendation of the Director of Global Health Programs in consultation with the Centre for Global Surgery at the McGill University Health Centre.

Value: varies.

**Dr. Yuk Chan Ma and Dr. Yuen Kok Chan Prize in Multicultural and International Medicine**

Established in October 2006 by Dr. Alice Chan-Yip, M.D.,C.M.'62, in memory of her late parents. Awarded annually by the Faculty of Medicine Scholarships Committee to a medical student who participates in a Canadian multicultural or international elective of at least four weeks. The prize will be awarded to the student who presents the best project demonstrating an understanding of the contribution of social and cultural factors to health.

Value: varies.

**Elaine E.L. Wang M.D.,C.M. Travel Award**

Established in 2015 by Elaine E.L. Wang, M.D.,C.M.'77, to provide travel support for M.D.,C.M. students who are pursuing an elective overseas in under-resourced areas in the world. Awarded by the Faculty of Medicine upon recommendation of the Director of Global Health Programs.

Value: \$3,000.

**Luger-Mikelberg Travel Award for Global Health**

Established in 2017 by Sherry Luger, M.D.,C.M.'83 and Michael Mikelberg, to provide travel support for Health Sciences students who are pursuing an elective overseas in under-resourced areas in the world, or among underserved populations in Canada. Awarded by the Faculty of Medicine upon recommendation of the Director of Global Health Programs. Preference will be given to students travelling to Africa and Rwanda.

Value: varies.

Expendable through 2020-21.

**The Mary A. Metcalf International Travel Fund**

The Mary A. Metcalf International Travel Fund is designated to support the international research of undergraduate students, graduate students, and post-graduate medical residents within the Faculty of Medicine. Electives, research projects, or community service programs must be at least four weeks 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 in May 2000 by the Medicine Class of 1965 in appreciation of the education they received at McGill. Funds will be used to allow medical students to pursue research or clinical electives overseas. One bursary will be awarded in each application round.

Value: varies.

**The Medical Class of '84 Student Bursary**

Established in 2010 by Medicine Class of 1984 to commemorate their 25th reunion, the award(s) will help support the travel and accommodation expenses of one or more senior medical students (year 3 or 4) pursuing an elective overseas in a developing country. Awarded by the Faculty of Medicine upon the recommendation of the Director of the Global Health Programs. One bursary will be awarded in each application round.

Value: varies.

**OMAF Travel Award**

The Osler Medical Aid Foundation (OMAF) awards are intended to support undergraduate medical students conducting service-learning or clinical electives in underserved communities both in Canada and overseas for a minimum duration of four weeks. Two scholarships of up to \$1,000 will be available in each application round, to support travel and accommodation expenses. In keeping with OMAF's heritage as a student-driven scholarship initiative, a medical student will be included on the selection committee for these awards.

Value: varies.

**William and Caroline Krishnappa Travel Award for Global Health**

Established in 2017 by Harriet H. Stairs, B.A.'67, and Andrea Stairs Krishnappa, B.A.'96, in honour of their grandchildren and children, William and Caroline Krishnappa, to provide travel support for one undergraduate student pursuing a global health project in India in the summer. Awarded by the Faculty of Medicine upon recommendation of the Director of Global Health Programs.

Value: \$5,000.

## 7.4 Needs-Based Scholarships, Bursaries, and Loans

### 7.4.1 Scholarships, Bursaries, Prizes, and Awards

For more information on need-based awards, including how to apply, please visit [www.mcgill.ca/studentaid/scholarships-aid/current-undergrads](http://www.mcgill.ca/studentaid/scholarships-aid/current-undergrads).

#### **Allan Jay Solomon Award**

A fund of \$2,000 established in 1977 by family and friends in memory of the late Allan Jay Solomon, B.Sc.'73, M.D.,C.M.'75. The revenue from this fund provides an annual award tenable in any year of the undergraduate course in Medicine. Awarded by the Scholarships and Student Aid Office on the basis of distinguished academic standing and financial need.

#### **Anjna Majhail Entrance Bursary**

Established in 2007 by Anjna Majhail, M.S.W.'72. Awarded by the Scholarships and Student Aid Office to full-time undergraduate students entering the Faculty of Medicine, M.D.,C.M. program, on the basis of demonstrated financial need and academic achievement.

Estimated value: \$5,000; renewable.

#### **Annie Diamond Bursaries**

Established in 1969 for medical students with financial need. Awarded by the Scholarships and Student Aid Office.

#### **Bellam Memorial Bursaries**

Established with a bequest from the estate of the late C.F. Bellam. Awarded by the Scholarships and Student Aid Office on the basis of financial need to students in the Faculty of Medicine from the Eastern Townships, Quebec, with preference for students from the Stanstead region.

#### **Beverley Cooner Bursary**

Established in 1968 by the family and friends of the late Beverley Cooner to assist a deserving medical student. Awarded by the Scholarships and Student Aid Office on the basis of financial need and academic standing.

#### **Bruce and Muriel Kelly Memorial Bursary**

Established in 1988 by a bequest from Muriel Kelly to assist a deserving and needy Canadian student pursuing the degree of M.D.,C.M., with a preference given to students from the Toronto area. Awarded by the Scholarships and Student Aid Office.

#### **Bruce Smith Bursary Fund**

From a bequest by the late Dr. Bruce Stewart Smith to enable worthy students with financial need to complete medical training at McGill University.

#### **Campbell Keenan Memorial Scholarship**

Established by the late Miss Charlotte Mildred Hagar in memory of the late Dr. Campbell B. Keenan. Tenable by students in their second, third, or fourth year of the M.D.,C.M. program in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of distinguished academic standing and financial need to students who intend to enter surgical practice.

Value: varies; may be renewable.

#### **Chancellor Ferrier Memorial Bursary**

Established by Mrs. Herbert V. Lacey in memory of her great-grandfather, Senator James Ferrier, Chancellor of McGill from 1884 to 1889. Awarded by the Scholarships and Student Aid Office on the basis of academic standing and financial need, with preference to students from the State of Wyoming.

#### **Charles James and Frances A. Snow Memorial Bursary**

Established in 1998 by a bequest of Frances A. Snow to assist needy students in the pursuit of their medical studies. Awarded by the Scholarships and Student Aid Office.

#### **Class of Medicine 1943B Bursary**

Established in 1995 by the Class of Medicine 1943B in honour of their 50th anniversary of graduation. Awarded by the Scholarships and Student Aid Office to a third-year medical student in good academic standing who exhibits financial need.

#### **Class of Medicine 1953 Bursary**

Established by the Class of 1953 on the occasion of its 55th anniversary reunion. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program based on financial need and good academic standing.

#### **Class of Medicine 1954 - Dr. C.P. Martin in Memoriam Scholarship**

Established in 1999 by the Class of Medicine of 1954 to celebrate their 45th and 50th anniversaries of graduation. Given in appreciation for the education they received at McGill, and in memory of their beloved professor of anatomy, Dr. C.P. Martin. Awarded on the basis of financial need by the Scholarships and Student Aid Office to medical students in good academic standing.

#### **Class of Medicine 1959 Scholarship**

Established in 1999 by the Class of Medicine 1959 in appreciation for the education they received at McGill and in commemoration of the Class' 40th anniversary of graduation. Awarded on the basis of financial need by the Scholarships and Student Aid Office to medical students in good academic standing.

**Class of Medicine 1963 Scholarship**

Established in 1998 by the Class of Medicine 1963 in appreciation for the education received at McGill and in commemoration of the Class's 35th anniversary of graduation. Awarded on the basis of financial need by the Scholarships and Student Aid Office to medical students in good academic standing.

**Class of Medicine 1964 Bursary**

Established by the Class of 1964 on the occasion of its 40th Anniversary reunion. This bursary is awarded on the basis of financial need by the Scholarships and Student Aid Office to students in good standing in the M.D.,C.M. program.

**Class of Medicine 1967 Bursary**

Established by the Class of 1967 in honour of their 40th Anniversary reunion. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program on the basis of financial need and good academic standing.

**Class of Medicine 1972 Bursary**

Established by the Class of Medicine 1972, in appreciation for the education they received at McGill, and in commemoration of their 25th Anniversary of graduation. Awarded on the basis of financial need by the Scholarships and Student Aid Office to medical students in good academic standing.

**Class of Medicine 1978 Bursary**

Established in 2015 by the Class of Medicine 1978 on the occasion of their 35th Anniversary reunion. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program on the basis of demonstrated financial need and good academic standing. Preference will be given to students from under-represented groups.

**Class of Medicine 1979 Bursary**

Established in 2007 by the Class of 1979 on the occasion of its 25th Anniversary reunion, which took place in 2004. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. or Med-P program on the basis of financial need to one or more students in good academic standing.

**Class of Medicine 1981 Bursary**

Established in 2007 by the Class of 1981 on the occasion of its 25th Anniversary reunion, which took place in 2006. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program on the basis of financial need to one or more students in good academic standing.

**Class of Medicine 1983 Bursary**

Established in 2011 by the Class of Medicine 1983 in honour of their 25th Anniversary reunion. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program on the basis of financial need and good academic standing.

**Class of Medicine 1987 Bursary**

Established in 2014 by the Class of Medicine 1987 on the occasion of their 25th Anniversary reunion, to honour the memory of their classmates: William Herman DeLong, M.D.,C.M.'87, Settimo Di Cori, B.Sc.'83, M.D.,C.M.'87, Richard Douglas Kohn, M.D.,C.M.'87, Ian Michael Rubins, B.Sc.'83, M.D.,C.M.'87, M.Sc.'92, Stacey Ann Schwartz, M.D.,C.M.'87, and Kenneth McNeill Wright, B.Sc.'83, M.D.,C.M.'87. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program on the basis of financial need and good academic standing.

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

Established in 2017 by the CMA Foundation in celebration of the Canadian Medical Association's 150<sup>th</sup> anniversary. For two full-time M.D.,C.M. students enrolled in the Faculty of Medicine who are either a Canadian citizen, a permanent resident, or a person with protected/refugee status. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need. Preference will be given to students who are members of the Canadian Medical Association.

Value: varies.

Note: expendable through 2025–2026.

**David G. Guthrie Major Bursaries in Medicine**

Established in 2008 by David G. Guthrie, B.Sc.'43, M.D.,C.M.'44. Dr. Guthrie, a radiologist, wishes to acknowledge the education and opportunities provided to him by McGill and wishes to help future generations of medical students with their studies and medical ambitions. Awarded by the McGill University Scholarships and Student Aid Office to students in the M.D.,C.M. program and the Med-P year who have good academic standing and demonstrated financial need. Preference will be given to Canadian students entering the program.

Estimated value: \$5,000; renewable provided good academic standing is maintained.

**Dianne & Aldo Bensadoun Family Bursary**

Established in 2007 by Aldo Bensadoun, B.Com.'64. Awarded by the Scholarships and Student Aid Office on the basis of demonstrated financial need and academic standing to full-time students entering undergraduate degree programs in the Faculties of Agricultural and Environmental Sciences, Arts, Management, Science, Engineering, Law, and Medicine.

Estimated value: \$5,000; renewable.

**Dr. Alexander Macdonald Memorial Bursary**

Established in 1983 by Barbara S. McPhee in memory of her grandfather, Alexander Macdonald, M.D.,C.M. 1889. Awarded by the Scholarships and Student Aid Office to undergraduate medical students with good academic standing and financial need.

**Dr. Ben Benjamin Memorial Bursary**

Established by his sisters in memory of the late Ben Benjamin, B.A., M.D.,C.M., Lecturer in the Department of Pediatrics. Awarded on high academic standing and financial need to medical students by the Scholarships and Student Aid Office.

**Dr. Clarence Rosenhek Memorial Bursary**

Established in 2016 in memory of Dr. Clarence Rosenhek, M.D.,C.M.'40, by his family. Awarded by the Scholarships and Student Aid Office on the basis of demonstrated financial need and good academic standing to undergraduate medical students in the Faculty of Medicine.

Value: varies.

**Dr. David Cynberg Memorial Bursary**

Established in 2015 through the gen



**J. Alexander Hutchison Bursaries**

Established in 2007 by J. Lawrence Hutchison, B.Sc.'49, M.D.,C.M.'53, Dip. Int. Med.'58, in honour of his grandfather, J. Alexander Hutchison, M.D.,C.M. 1884, Professor of Surgery and Chief of Surgery at the Montreal General Hospital. Awarded by the Scholarships and Student Aid Office on the basis of financial need to one or more students in good academic standing in the M.D.,C.M. or Med-P programs.

**Jack Auerbach Memorial Bursary**

Established in 2001 through a bequest by Jack Auerbach for students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of financial need.

**James Grahame Ker and Frederick K. Petrie Memorial Scholarship**

Awarded to a student from Eastern Ontario (Counties of Dundas, Stormont, Glengarry, Grenville, Carleton, Russell and Prescott) or from Montreal. Based upon distinguished academic standing and financial need; tenable in second year and may be renewed. Awarded by the Scholarships and Student Aid Office to medical students.

**James H. Cummings Scholarships**

Bequeathed by the late James H. Cummings. Awarded by the Scholarships and Student Aid Office to undergraduate medical students on the basis of academic standing and financial need.

**John and Barbara Altshuler Entrance Bursaries in Medicine**

Established in 2006 by David Altshuler and the Altshuler family, in honour of his parents, John Altshuler, B.Sc.'55, M.D.,C.M.'59, and Barbara Altshuler, DIP. P.Th.'58. Awarded by the Scholarships and Student Aid Office to a full-time undergraduate student entering the Faculty of Medicine M.D.,C.M. program, on the basis of demonstrated financial need and academic achievement. Renewable for a maximum of four years, provided the holder maintains the same level of financial need and academic standing.

Estimated value: \$5,000 each.

**Joseph Israel Bennett Bursary**

A bequest from the late Joseph Israel Bennett provides an annual bursary for a deserving medical student. Awarded by the Scholarships and Student Aid Office.

**Kanekichi and Shizue Ohashi Bursary**

Established in 2011 by David O'Hashi, B.Sc.'57, M.D.,C.M.'61, in memory and honour of his parents. Full value of bursary to be awarded annually to a Canadian student holding an undergraduate degree, entering or enrolled in the M.D.,C.M. program in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of financial need.

Estimated value: \$5,000.

**Keith Hutchison Memorial Scholarships**

Two or more scholarships, in memory of the late Dr. Keith Hutchison. Awarded on the basis of distinguished academic standing and need; tenable in any year. The recipient in any session may reapply for the following year.

**Kinch Memorial Bursary**

Established by Miss Dia Joyce in memory of Mr. and Mrs. C.H. Kinch to assist medical undergraduates. Awarded by the Scholarships and Student Aid Office.

**Laura Crawford Bursary**

Established in 1987 by a bequest from Laura Crawford, for one or more students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of demonstrated financial need and good academic standing to Canadian students entering or enrolled in the Faculty of Medicine.

**Leonard and Carol Berall and Family Bursaries**

Established in 2004 by Leonard and Carol Berall and family for undergraduate medical students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of financial need to one or more students in good academic standing.

**Margaret Lock Prize in Social Studies of Medicine**

Established in 2005 by Dr. Margaret Lock for graduate students who have completed at least one year of study 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**

Established in 2001 through a generous gift from Mary G. Webster, B.A.'38. The annual income will be used to assist Canadian students entering Medicine or related health sciences programs who have demonstrated financial need.

Value: minimum \$5,000; renewable subject to satisfactory standing.

#### **Maureen Peszat Bursary**

Established in 2015 by the late Maureen Peszat, B.N.'66, for full-time students entering their third year of the M.D.,C.M. program in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

#### **Merle Peden Bursary**

Endowed in 1992 by the Medicine Class of 1957 on the occasion of its 35th reunion in appreciation of Merle Peden, B.Com.'32, who was Secretary of the Faculty of Medicine from 1953 to 1967. Awarded on the basis of financial need to students in the undergraduate medical program.

#### **Mila Oh Bursary**

Established in 2011 by the Class of Medicine 1995 in memory of their late classmate, Mila Oh. Awarded by the Scholarships and Student Aid office to students in the M.D.,C.M. program on the basis of financial need and good academic standing.

#### **The Montreal Medico-Chirurgical Society Bursaries**

Established in 2007 by The Montreal Medico-Chirurgical Society, these bursaries honour the history of the Society and its interest in advancing the profession through serious scholarship and to perpetuate its dedication to community service. The Med-Chi Society was active in the Montreal Medical Community from its inception in 1843 until 2007. Awarded by the Scholarships and Student Aid Office to one or more students in the M.D.,C.M. program on the basis of financial need.

#### **Mr. and Mrs. Saul Radowitz Scholarship**

Established in 2002 by a bequest from Rosalind Radowitz. Awarded by the Scholarships and Student Aid Office to first-year students in the Faculty of Medicine on the basis of financial need.

#### **Muriel and Ernest Corso Bursaries in Medicine**

Established in 2007 through a bequest by Muriel Corso in memory of Muriel and Ernest Corso. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. or Med-P program on the basis of financial need to one or more students in good academic standing.

#### **Nancy Catherine Hall Scholarship**

Established in 1994 through a bequest from Queena M. Esdale in memory of Nancy Catherine Hall, B.Sc.'48, M.Sc.'50. Awarded by the Scholarships and Student Aid Office to first-year students in the Faculty of Medicine on the basis of academic standing and financial need. Preference will be given to women.

#### **Nat Christie Scholarships**

Established in 1982 by the Nat Christie Foundation thanks to a gift from Dr. Clara Christie Might, M.D.,C.M. 1925, the youngest sister of Nat Christie, and first woman to practice obstetrics and gynaecology in Alberta. These scholarships are awarded by the Scholarships and Student Aid Office to one or more medical students in good academic standing who demonstrate financial need.

Value: minimum \$1,200.

#### **Phyllis Aida Daly du Fresne Kennedy Memorial Bursary**

Established in 1984 by family and friends in memory of Mrs. Kennedy. Awarded to undergraduate students in Occupational Therapy, Physical Therapy, Nursing, or Medicine. Preference is given to those not eligible for other financial assistance.

#### **R.E. Powell Bursary Fund**

Established in 1976 by the family of the late R.E. Powell, Chancellor of McGill from 1957 to 1964, to assist students from outside the Montreal area. Open to undergraduate students in the faculties of Science and Medicine who have satisfactory academic standing and need financial assistance. Preference is given to students from the Saguenay district (Arvida, Chicoutimi, Jonquière, Sacré-Coeur, etc.).

#### **Reuben Ross Memorial Award**

The income from a bequest of the late Reuben Ross provides an annual award to medical students in financial need. Awarded by the Scholarships and Student Aid Office.

#### **Richard Mackler Major Entrance Bursary**

Established in 2009 by Dr. Richard Mackler. Awarded by the Scholarships and Student Aid Office to outstanding students entering the Faculty of Medicine on the basis of good academic standing and demonstrated financial need.

Estimated value: \$5,000.

#### **Robert Rolf Struthers Bursary**

**Robert Sharwood Memorial Scholarship**

Tenable in any year of the undergraduate course in Medicine. It is awarded by the Scholarships and Student



**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 e

**James Q. Bliss Annual Book Award**

Awarded to the student who obtains the highest standing in the Renal course.

Value: varies.

**Joseph Hils Prize**

Founded by the late Dr. Joseph Hils, of Woonsocket, R.I.. Awarded to the student who obtains the highest standing in the Movement course.

Value: varies.

**Mary and Louis Streicher Prize**

Established in 1980. Awarded to the student with the highest standing in the Digestion and Metabolism course.

Value: varies.

**Samuel Rosenfeld Prize**

Awarded to the student with the highest standing in the Defense course.

Value: varies.

**Shirley Nancy Endman Prize**

Established in 1982 by Louis Endman in memory of his wife. Awarded to the student who obtains the second highest standing in the Renal course.

Value: varies.

**7.5.2 YEAR 2: FMD 2****Carlo Bos Prize**

Established in 1991, in memory of Dr. Carlo Bos, a humane and respected psychiatrist who taught a multitude of medical students at the Allan Memorial Institute. Awarded to the student who, in the TCP Integrated Assessment course, has demonstrated the strongest performance in the skills preparatory to the practice of medicine.

Value: varies.

**Dr. Arthur S. Solomon Award**

Presented to the student attaining the second highest standing in the FMD – Fundamentals of Medicine and Dentistry component of the curriculum.

Value: varies. (awarded by Dentistry – Medicine & Dental students).

**Francis Mcnaughton Prize**

Established in 1980, awarded to the student with the highest standing in the Human Behaviour course.

Value: varies.

**Joseph Morley Drake Prize**

Founded by the late Joseph Morley Drake, M.D.. Awarded to the student with the highest standing in the FMD – Fundamentals of Medicine and Dentistry component of the curriculum.

Value: varies.

**Mark Nickerson Prize**

Established in 1990 by the Department of Pharmacology and Therapeutics in honour of Professor Mark Nickerson, a renowned McGill pharmacologist. Awarded to the student who has achieved excellence in the FMD – Fundamentals of Medicine and Dentistry curriculum component and has demonstrated the most promise, as defined by the Department, in the field of pharmacology and therapeutics in contemporary society.

Value: varies.

**Merck Canada Award**

A Merck Manual and prize are awarded annually to a student who has achieved excellence in the Fundamentals of Medicine and Dentistry component and has demonstrated the most promise, as defined by the Department of Pharmacology and Therapeutics, in the field of Pharmacology.

Value: varies.

**Robert B. Greenblatt Prize**

Endowed in 1987 by Dr. Robert B. Greenblatt, an eminent endocrinologist and Professor Emeritus at the Medical College of Georgia, who graduated from McGill with a B.A. in 1928 and an M.D.,C.M. in 1932. Awarded to the student who obtains the highest standing in the Reproduction and Sexuality course.

Value: varies.

**Samuel Wigdor Scholarship in Medicine**

Established in 2014 by the late Samuel Wigdor, B.A.'52, for outstanding M.D.,C.M. students in the Faculty of Medicine. Awarded by the Faculty of Medicine to students who have completed at least one year of the M.D.,C.M. program, on the basis of high academic standing.

Value: varies.

**Sutherland Prize**

Founded in 1878 by the late Mrs. Sutherland in memory of her husband, William Sutherland, M.D., formerly Professor of Chemistry in the Faculty of Medicine. Awarded to the student who obtains the highest standing in the FMD – Fundamentals of Medicine and Dentistry component of the medical undergraduate curriculum.

Value: varies.

### **7.5.3 YEAR 2: TCP**

#### **Campbell Howard Prize in Clinical Medicine**

Founded by Mrs. Campbell Howard in memory of the late Dr. Campbell P. Howard, Professor of Medicine at McGill. Awarded to the student with the highest standing in the Transition to Clinical Practice – Internal Medicine course component of the medical undergraduate curriculum.

Value: varies.

#### **Christine Hwang Leadership Award**

Established in 2015 by Christine Hwang, M.D.,C.M.'92, to recognize a second-year medical student in the Faculty of Medicine who fosters/nurtures a positive environment amongst his or her classmates through leadership, initiative, and community involvement.

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.,C.M. Humanitarian Prize**

Established in 2015 by Elaine E.L. Wang, M.D.,C.M.'77, for a graduating student of the M.D.,C.M. program in the Faculty of Medicine who has demonstrated excellence in humanitarian care and a caring attitude in his or her work. This may include, for example, work with a global health organization, or work with disadvantaged, homeless or stigmatized populations and patients locally in Montreal, within Canada, or abroad. Awarded by the Faculty of Medicine on the basis of academic standing and demonstrated commitment to the betterment of society and the health care system. Value: \$2,000.

**Elizabeth Ann Munro Gordon Prize**

Established in memory of Dr. Elizabeth Ann Gordon. Awarded to the member of the graduating class who, in the opinion of the Faculty, presents in every respect the highest qualifications to practise the profession of medicine and has demonstrated outstanding leadership abilities. Value: \$750.

**H.S. Birkett Memorial Prize in Otolaryngology**

Established by Miss Winifred Birkett in memory of her father, the late Dr. H.S. Birkett, formerly Professor of Otolaryngology. Given to the student who has shown outstanding performance in Otolaryngology. Value: varies.

**J. Francis Williams Prize in Medicine and Clinical Medicine**

Founded by the late J. Francis Williams, M.D. Awarded to the student obtaining excellence in the Internal Medicine Clerkship of the medical curriculum. Value: varies.

**John H. Altshuler Prize in Family Medicine**

Established in 2006 by David Altshuler and the Altshuler family, in honour of his father, John Altshuler, B.Sc.'55, M.D.,C.M.'59. Awarded annually by the Faculty of Medicine to a graduating medical student with the highest mark in the family medicine clerkship. Estimated value: \$1,000.

**Keenan Memorial Prize in Clinical Surgery**

Established by the late Miss Charlotte Mildred Hagar in memory of the late Dr. Campbell B. Keenan. The prize will be awarded to the student in the graduating class who has shown the highest proficiency in Clinical Sur

**Montreal Children's Hospital Student Prize for Pediatrics Excellence**

Established in 1959 and endowed in 2011 by Dr. Harvey Guyda, former Chair of the department of Pediatrics and Associate Executive Director of the Montreal Children's Hospital of the MUHC. Awarded to the student with the highest standing in Pediatrics in their final year.

Value: varies.

**Newell W. Philpott Award**

Established in 1986 by the Department of Obstetrics and Gynecology in honour of Newell W. Philpott, M.D. 1926, Chairman of the Department from 1943 to 1956. This award is to commemorate Dr. Philpott's excellence as a teacher of medical students and residents as well as his many contributions in the field and to the Department of Obstetrics and Gynecology. Awarded to a graduating student for academic achievement and clinical excellence on the recommendation of the Department.

Value: \$500.

**Psychiatry Prize**

Awarded on the recommendation of the Department of Psychiatry to the student who has shown the most promise in this field.

Value: varies.

**Reilly Madsen Prize**

Established to honour the memory of Reilly Madsen who was Manager, Records and Research, Development and Alumni Relations Services. Awarded, on recommendations from faculty and students, to a student with good academic standing who had demonstrated exceptional warmth and empathy toward patients.

Value: \$600.

**Robert Forsyth Prize**

Bequeathed by the ITj/Tj1iss JeanieTj1 0 0 1 1122j1s departr(V)Tjj1 0 0 1 86g De

---

## 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

**\*\*Temporary Location\*\***  
680 Sherbrooke Street West, Office 1701  
Montreal QC H3A 2M7  
Canada  
Website: [www.mcgill.ca/medicine/education](http://www.mcgill.ca/medicine/education)

#### General Information

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

### 8.1.2 Medical Societies

All registered medical students are part of the **McGill Medical Students' Society Inc.** Please refer to [section 4: Medical Societies](#) to find out what this means to you, and to learn more about student activities and resources.

### 8.1.3 Undergraduate Medical Programs

For information about the Faculty of Medicine, its mission, and its objectives please refer to the [section 1: Medicine](#) faculty section.



**Note:** For a schedule of fees of any of these programs, please consult the [Student Accounts office](#) website.

#### [section 8.1.4: Doctor of Medicine and Master of Surgery \(M.D.,C.M.\) Medicine \(200-204 credits\)](#)

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.

*section 8.1.6: Doctor of Medicine & Master of Surgery with Ph.D. (Joint M.D.,C.M. & Ph.D.)*

Students interested in a research career in academic medicine may apply to the joint M.D.,C.M. & Ph.D. program. This 7-year program offers the basic and clinical sciences portion of the medical curriculum from September of year one to December 31 of year two, prior to the beginning of full-time graduate studies. These graduate studies are expected to last three to (no more than) four years, by which time all course work and research requirements for the Ph.D. degree must be completed and a thesis submitted. The defence of the thesis will ordinarily take place at a later date. From January of year five to May of year seven, students will complete the requirements for the M.D.,C.M. degree. Throughout the seven years, students in the M.D.,C.M. & Ph.D. program meet at two-week intervals during the academic year to discuss their research; attend research seminars from clinician-scientists from within, as well as outside, the McGill scientific community; and network with other students in the program.

*section 8.1.7: Doctor of Medicine & Master of Surgery with Oral & Maxillofacial Surgery (Joint M.D.,C.M. & O.M.F.S.) Medicine & Oral and Maxillofacial Surgery*





|          |     |  |
|----------|-----|--|
| 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 |

smallest clinic to the largest tertiary health care facility; from research laboratory to university or hospital medical departments, as well as the private sector within pharma/biotechnology firms and the health insurance sector, among others.

Balancing quantitative and qualitative studies, students also develop the intangible business skills required in today's dynamic workplace - the abilities to apply knowledge to the greatest benefit of the organization, to make effective decisions, to both work in teams and lead others, and to adapt to non-structured situations. The M.B.A. program employs a unique curriculum, including a blend of case studies, exercises, discussions, group work, and lectures, as well as an international study trip.

Students join the regular Medicine class in their second year at McGill, beginning a four-year program in medical studies. Advanced Management courses focusing on health care issues are integrated into the electives schedule of the medical curriculum, rounding out the Management portion of the program.

The language of instruction is English. The student is expected to have a working knowledge of the English language (comprehension, spoken, and written) from the outset of the M.D.,C.M. program. Due to early clinical exposure in bilingual settings, the student is also expected to have a working knowledge of the French language (comprehension, spoken, and written) from the outset of the M.D.,C.M. program.

Upon graduation, students receive an M.B.A. degree from the Desautels Faculty of Management and an M.D.,C.M. degree from the Faculty of Medicine.

For full M.B.A. and M.D.,C.M. curricula, please see the graduate Management section at [www.mcgill.ca/study/faculties/desautels](http://www.mcgill.ca/study/faculties/desautels) and the Medicine section at [www.mcgill.ca/study/faculties/medicine/undergraduate/programs/mdcm-doctor-medicine-and-master-surgery](http://www.mcgill.ca/study/faculties/medicine/undergraduate/programs/mdcm-doctor-medicine-and-master-surgery).

### **8.1.6 Doctor of Medicine & Master of Surgery with Ph.D. (Joint M.D.,C.M. & Ph.D.)**

Students interested in a research career in academic medicine may wish to apply for admission to the joint M.D.,C.M. & Ph.D. program. This is a seven-year program in which the basic and clinical sciences portion of the medical curriculum are completed from September of Year One to December 31 of Year Two, prior to the beginning of full-time graduate studies. The latter are expected to last three, but no more than four, years by which time all course work and the research requirements for the Ph.D. degree must have been completed and a thesis submitted. The defence of the thesis will ordinarily take place at a later date. From January of Year Five to May of Year Seven, students will complete the requirements for the M.D.,C.M. degree. Throughout the seven years, students in the M.D.,C.M. & Ph.D. program meet each Thursday evening during the academic year to discuss their research, hear research seminars from clinician-scientists, and network with other students in the program.

Once accepted to the M.D.,C.M. & Ph.D. program and during the first year of the combined program, students begin the process of choosing a supervisor and research laboratory for their Ph.D. studies. The McGill Faculty of Medicine Winter and Summer Research Bursary provide excellent opportunities for exploring potential laboratories. Research is usually carried out on a topic in the biomedical sciences within one of the Basic Science or Clinical Science Departments within the Faculty of Medicine. With the help of the M.D.,C.M. & Ph.D. Program Advisory Committee, students must choose a supervisor and department for their Ph.D. studies by September of Year Two and be accepted for admission to graduate studies by McGill Graduate and Postdoctoral Studies.

The language of instruction is English.

For the full M.D.,C.M. curriculum, please refer to the Medicine section at [www.mcgill.ca/study/faculties/medicine/undergraduate/programs/mdcm---doctor-medicine-and-master-surgery](http://www.mcgill.ca/study/faculties/medicine/undergraduate/programs/mdcm---doctor-medicine-and-master-surgery).

### **8.1.7 Doctor of Medicine & Master of Surgery with Oral & Maxillofacial Surgery (Joint M.D.,C.M. & O.M.F.S.) Medicine & Oral and Maxillofacial Surgery**

McGill University, through the Faculties of Medicine and Dentistry, offers a joint M.D.,C.M. & Oral and Maxillofacial Surgery Program. Upon successful completion of this six-year program, students will receive an M.D.,C.M. degree from the Faculty of Medicine and a Certificate in Oral and Maxillofacial Surgery from the Faculty of Dentistry. The program is fully-accredited by the Commission on Dental Accreditation of Canada. The M.D.,C.M. degree is fully accredited by the Liaison Committee for Medical Education and the Council on Accreditation of Canadian Medical Schools.

The program is based at the McGill University Health Centre (MUHC), The Montreal General Hospital, which is a level-one trauma centre, serving downtown Montreal and surrounding areas. The MUHC is one of the most comprehensive university centres in North America. Each year it receives over 802,000 ambulatory visits including 134,000 emergency department visits.

The language of instruction is English.

For the full M.D.,C.M. curriculum please refer to [www.mcgill.ca/study/faculties/medicine/undergraduate/programs/mdcm-doctor-medicine-and-master-surgery](http://www.mcgill.ca/study/faculties/medicine/undergraduate/programs/mdcm-doctor-medicine-and-master-surgery).

For more detailed information, see: [www.mcgill.ca/dentistry/6-year-integrated-mdcm-omfs-residency-program](http://www.mcgill.ca/dentistry/6-year-integrated-mdcm-omfs-residency-program).

### **8.1.8 Bachelor of Science (B.Sc.) - Medicine Preparatory Program (Med-P Program)**

The Faculty of Medicine offers a special program for immediate graduates of the Quebec Collegial (CEGEP) system, which consists of one year of coursework

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.

**Office of Admissions, Faculty of Medicine**  
McGill University  
1010 Sherbrooke Street West, Suite 1210

The RSPP is open to applicants in the Quebec Resident - University category. All Quebec Resident - University level criteria and requirements apply. Please see [section 8.3.2: Applicant Categories](#) for details.

Applicants must have completed the majority of secondary school (i.e. 3 of 5 years) in a **public secondary school located in an area of Quebec classified as a rural or small population centre by Statistics Canada**. Transcripts will be verified for eligibility purposes.



**Note:** Review the population centres [here on Statistics Canada's website](#); they can be sorted by small, medium, and large, and you can click through to open a detailed map. Rural areas of Quebec are any area outside a large, medium, or small population centre. In general, rural areas have a population of <1000, and small population centres have a population <29 999 people.

### **Selection process**

All steps of the selection process are the same as for the general Quebec - University pathway, but applicants in the RSPP are assessed against each other. Candidates in this pathway will also be simultaneously assessed in the general Quebec - University pool, and will receive an offer in that cohort if their ranking permits. This allows the next candidate on the RSPP ranking list to receive an RSPP seat.

### **How to apply**

Indicate that you wish to be considered in the RSPP in your Academic Workbook and provide the requested details about your secondary school studies. Your eligibility will be reviewed by the admissions office during the file review period and, if eligible, you may be asked to upload a copy of your unofficial secondary school transcript. An official transcript will be required if you receive an RSPP offer of admission.

### **Support**



Academic performance in CEGEP for candidates applying to the Med-P program is assessed with the overall R-score (*Cote R; cote de rendement collégiale*) and the math/science R-score. Successful applicants generally have an R-score above 34.0 (average approximately 35.5). Applicants with an R-score below 32.0 are rarely considered to be competitive.



**Note:** Where there are more competitive applicants than there are available positions, preference will be given to those candidates advancing the strongest evidence of an ability to handle the academic demands of our medical program.

### 8.3.4 Non-Academic Qualities

The Admissions Committee attends not only to academic performance, but also to non-academic qualities. For the preliminary screening of candidates (short listing for interviews), non-academic qualities are assessed by way of the *curriculum vitae* and *CASPer test*. For candidates selected for interviews, non-academic qualities are assessed according to their performance in the multiple mini-interviews. Non-academic qualities are aligned with the learning objectives of the M.D.,C.M. program, and are closely linked to the Royal College of Physicians and Surgeons of Canada's *CanMEDS roles framework*.

These qualities include, but are not limited to:

1. compassion, empathy, care
2. insight, judgment, common sense
3. integrity, honesty
4. adaptability, tolerance, flexibility
5. creativity, innovation
6. respect for others
7. intellectual curiosity
8. reliability, dependability
9. responsibility, teamwork
10. ability to deal with conflict or stressful situations
11. leadership, initiative
12. sense of assurance despite ambiguity or self-confidence
13. community involvement, social activism
14. level of professionalism, respect for the public at large
15. personal development

*PosWhen abilicantsns t isspecej1 0 0 1 538.038 5293008ITm(P*

### 8.3.5 File Review Process

**Interview Pr**





**Note:** Canadian citizens or landed immigrants who are international medical graduates and residents of Quebec, who have completed the equivalence requirements, and have received a letter of attestation to this effect from the *Collège des médecins du Québec* should contact the [Postgraduate Medical Education](#) office.

#### 8.4.2 Basic Science Prerequisites

Applicants must have successfully completed, by the appropriate deadlines (see Note), all of the following at a college or university level:

1. in **Biology / Biological Sciences** a minimum six (6) credits of introductory coursework, with labs;
2. in **Chemistry** a minimum six (6) credits of general (or physical) chemistry coursework, with labs; a minimum three (3) credits of organic chemistry coursework, with labs;
3. in **Physics** a minimum six (6) credits of introductory coursework, with labs;

where: minimum course hours do not include compulsory laboratory or practical w

#### **8.4.3.2 Submitting Your Results**

MCAT results must be released to and received by the Office of Admissions by the relevant application deadline. Please consult with the MCAT administrators, the [\*Association of American Medical Colleges \(AAMC\)\*](#)

(\*2) Students enrolled in a *Sport-études* program may be exempted from these conditions. Such applicants must submit a special form (available from [www.mcgill.ca/medadmissions/applying/elements/spor](http://www.mcgill.ca/medadmissions/applying/elements/spor)) which describes in detail all relevant sport activities.

#### **8.4.5 Eligibility for Special Arg0 0 , P athways**

Eligibility requirements for undergraduate medicine through the various special admission pathways are described in the [section 8.3: Arg0 0 , Pr ocedures and Requirements](#) section.

##### **Special Arg0 0 , P athways**

- For First Nations or Inuit applicants: [section 8.3.1.1: First Nations and Inuit Faculties of Medicine Program of Quebec \(FNIFMPQ\)](#)
- F

1. administrative error in the procedure applied to the evaluation of the application;
2. the admissions committee's decision was rendered in the absence of a relevant factor that.

---

## 8.6 Requirements for Registration and Matriculation



**Note:** Applicants to the Faculty of Medicine may be asked to comply with some of the requirements presented below as part of the application process prior to registration.

### 8.6.1 Basic Cardiac Life Support

Students registering in the M.D.,C.M. program are required to provide, by July 31 of the year in which they commence undergraduate medical education, proof of certification in cardiopulmonary resuscitation (CPR), level C or C+, and automated external defibrillation (AED) training. Certification must be valid at the start of the undergraduate medical education, and students are responsible for maintaining their certification throughout the program. Certification must be granted, or fully recognized, by one of the following organizations:

- *Heart and Stroke Foundation of Canada*
- *Heart and Stroke Foundation, Quebec*
- *Canadian Red Cross*
- *St. John Ambulance*
- *American Heart Association*
- *American Red Cross*

### 8.6.2 Infectious Diseases and Infection Control

#### **Immunization**

To assure that students are not exposed to undue health risks and do not pose a risk to their patients, students must provide evidence of appropriate vaccination by July 31 of the year in which they commence undergraduate medical education, according to the information provided by [McGill's Rosy 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

Should core clinical rotations need to be modified, notation of this will be made in the Medical Student Performance Record (MSPR/Dean's letter). The student is professionally responsible to self-disclose their seropositive status to the residency program to which the student matches. For details, see [www.mcgill.ca/wellness-hub/access-care/vaccines](http://www.mcgill.ca/wellness-hub/access-care/vaccines).

Further details are available at [www.mcgill.ca/studenthealth](http://www.mcgill.ca/studenthealth), [www.mcgill.ca/ugme/academic-policies/infection-control-immunization](http://www.mcgill.ca/ugme/academic-policies/infection-control-immunization), [www.mcgill.ca/ugme/academic-policies/infection-control-immunization/infection-control-precautions](http://www.mcgill.ca/ugme/academic-policies/infection-control-immunization/infection-control-precautions), and [www.mcgill.ca/wellness-hub/access-care/vaccines](http://www.mcgill.ca/wellness-hub/access-care/vaccines).

### 8.6.3 Academic Standards and Essential Skills

**Any student wishing to register with the Faculty of Medicine will be held to the standards outlined below:**

Applicants to McGill University's Faculty of Medicine are evaluated and selected on the basis of academic, personal, and extracurricular dimensions. The Faculty admits those candidates who best demonstrate the potential to become excellent physicians. Applicants are therefore expected to demonstrate that they possess the intellectual, physical, and emotional capacities to meet the requirements of the curriculum without altering the essential program elements. Furthermore, the student must meet these requirements within a reasonable period of time. McGill seeks to provide its graduates with broad general knowledge in all fields of medicine and competence required to enter graduate medical training in a variety of specialties and subspecialties.

McGill University will consider for admission to its medical school any applicant who meets its academic and non-academic criteria. Once admitted the student must demonstrate the ability to perform the skills listed in this document. In conformity with the McGill University *Policy Concerning the Rights of Students with Disabilities* and the Quebec Charter of Human Rights and Freedoms (R.S.Q., chapter C-12), eligible students will receive reasonable accommodations appropriate to their disability. Appropriate accommodations are defined and arranged by the Faculty of Medicine in cooperation with the *Office for Students with Disabilities*.

The essential skills required for matriculation, promotion, and graduation at McGill University are defined according to the objectives of our curriculum which in turn are based on the CanMEDS Roles framework of the Royal College of Physicians and Surgeons of Canada and the Four Principles of Family Medicine of the College of Family Physicians of Canada. The CanMEDS roles are **Medical Expert, Communicator, Collaborator, Manager, Health Advocate, Scholar, and Professional**. The Four Principles of Family Medicine are “the family physician is a skilled clinician”, “family medicine is a community-based discipline”, “the family physician is a resource to a defined practice population”, and “the patient-physician relationship is central to the role of the family physician”. For more details see [www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/vision-mission-mdcm-program](http://www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/vision-mission-mdcm-program).

- As a **Medical Expert** and **Communicator**, the student must have abilities in the areas of observ

### 8.6.5 Security (Criminal Record) Check

As stated above, students registering in the Faculty of Medicine will be expected to register with the *Collège des médecins du Québec* (CMQ) by September 30 of the first year of their medical studies. This includes an **official self-declaration** of any security/criminal dossier. The Faculty of Medicine will request the withdrawal from the Faculty of any student who does not meet the registration conditions of the CMQ.



**Note:** You may also be required by the hospitals affiliated with some Canadian and or American universities to produce a criminal background check when applying for clinical elective rotations.

### 8.6.6 Language Proficiency

While there is no required proof of language proficiency, the primary language of instruction in the M.D.,C.M. program is English at the Montreal Campus, and French at the Campus Medical Outaouais.

Students are expected to have a working knowledge of the English language (comprehension, spoken, and written) from the outset of the M.D.,C.M. program. Due to early clinical exposure in bilingual settings, students are also expected to have a working knowledge of the French language (comprehension, spoken, and basic written) from the outset of the M.D.,C.M. program. Students are in contact with francophone patients in the teaching hospitals and may be assigned to francophone training sites for their clinical rotations.

The Faculty of Medicine offers medical French workshops on Saturday mornings throughout the duration of the program. Extracurricular English and French language courses are available at the University and are strongly suggested if English or French language skills require improvement.



**Note:** Multiple choice exams are given in English only. Students may answer short-answer questions on exams in French or submit assignments in French.

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

- pen light
- reflex hammer
- ophthalmoscope/otoscope
- tuning forks (128Hz)
- BP cuff

The following laboratory supplies are also required:

- a white long lab coat
- anatomy dissecting kit/2 persons (not biology kit)
- one box of gloves
- one pair of safety glasses/person

Students are also responsible for purchasing two white lab jackets for the first year via the Under



When a student has been approved for a leave of four weeks or longer, a narrative comment will be added to the student's record (MSPR) stating the student has been granted a lea

Website: [www.cpsnb.org](http://www.cpsnb.org)

**College of Physicians and Surgeons of Newfoundland and Labrador**  
120 T



### 8.8.2.3 Failure of Supplemental Activities

A failure of a supplemental activity in a Promotion Period will result in the student being required to repeat the Promotion Period or to be dismissed from the program as determined by the SPC. A student may not repeat more than one Promotion Period in the curriculum. **Failure in any course during a repeat Promotion Period will result in immediate dismissal from the program.** For more information, students should refer to the [UGME Student Assessment Policy](#).

#### 8.8.2.3.1 Notice of Failures

It is the student's responsibility to be available for notification of a failing grade. If a student is unable to be located after a reasonable effort by the Dean's office, the consequences will be borne fully by the student.



**Note:** There is a charge for each supplemental examination. Once approval of the supplemental examination is confirmed by the Undergraduate Dean's Office Student Records Officer, the student's account will be billed. This charge is for all supplemental examinations and related reread of exams throughout the program. For fee amounts and other details, refer to the [Student Accounts website](#).

### 8.8.3 Program Overview

**Due to curriculum changes, program components and courses may be revised. Revisions will be posted in the learning management system.**

The current M.D.,C.M. curriculum, implemented in fall 2013, marking one of the largest renewals in Faculty history, is a product of five years of reflection, multidisciplinary consultation, planning, and development. Rooted in the principle of "The Patient at Heart and Science in Hand," the curriculum fully recognizes the importance of family medicine in addressing current needs, while simultaneously providing a program that is firmly rooted in science. Also significant is interdisciplinary learning, as well as offering a longitudinal experience where the major themes are learned in tandem rather than in isolation.

For more information on M.D.,C.M. program governance, see [www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/ugme-governance](http://www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/ugme-governance).