



Faculty of Medicine
Programs, Courses and University Regulations
2016-2017

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

Publication Information

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1 Medicine

1.1 Location

Faculty of Medicine

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General Information

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

1.2 About Medicine

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

The Faculty of Medicine pursues its mission as follows:

1. Education

More than 7,400 students, residents and fellows are distributed throughout the Faculty of Medicine's schools, as well as in its numerous institutes and centres. They are supported by 4,600 academics and support staff committed to the Faculty's tripartite mission of education, research, and service to society. Faculty programs are rooted in a scholarship of education. These programs ensure the Faculty's students are oriented to preserving health, are technically competent, are adept at solving problems, and are capable of functioning as part of a multidisciplinary team committed to life-long learning both for themselves and for their patients. Cutting-edge facilities use sophisticated environments and tools to expose students to the most advanced methodologies in experiential learning for the delivery of the best possible and safest care.

2. Research

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

3. Service

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

2 Administrative Officers

Faculty

David Eidelman; M.D.,C.M.(McG.), F.R.C.P.(C), F.A.C.P.	Vice-Principal (Health Affairs) and Dean of the Faculty of Medicine
Samuel Benaroya; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C)	Associate Vice-Principal and Vice-Dean (Health Affairs)
Pascale Mongrain; CPA-CA, Lawyer	Executive Director
Demetra Kafantaris; M.B.A.(C'dia)	Senior Advisor to Vice-Principal (Health Affairs) and Dean of the Faculty of Medicine
Annette Majnemer; B.Sc.(O.T.), M.Sc., Ph.D.(McG.), F.C.A.H.S.	Vice-Dean (Education)
Philippe Gros; B.Sc., M.Sc.(Montr.), Ph.D.(McG.)	Vice-Dean (Life Sciences)
Mara S. Ludwig; M.D.(Manit.)	Vice-Dean (Academic Affairs)
Beth-Ann Cummings; M.D.,C.M.(McG.), M.Sc.(Maastricht), F.R.C.P.(C)	Associate Dean (Undergraduate Medical Education)
Elaine Davis; B.Sc.(W. Ont.), M.Sc., Ph.D.(McG.)	Associate Dean (Biomedical B.Sc., Graduate and Postdoctoral Affairs)
Armand Aalamian; M.D.,C.M.(McG.), C.C.F.P., F.C.F.P.	Associate Dean (Postgraduate Medical Education)
Shari R. Baum; A.B.(Cornell), M.S.(Vermont), Ph.D.(Brown)	Associate Dean (Research)
Leonora Lalla; M.D.,C.M.(McG.), C.C.F.P.	Associate Dean (Continuing Professional Development)
Miriam Boillat; M.D.,C.M.(McG.), C.C.F.P., F.C.F.P.	Associate Dean (Faculty Development)
Lesley Fellows; M.D.,C.M.(McG.), D.Phil.(Oxf. & Balliol)	Assistant Dean (Academic Affairs)
Gilles Brousseau; M.D.(Montr.), F.C.F.P.	Assistant Dean (Medical Education, Outaouais Satellite Program)
Evelyn Constantin; M.D.,C.M., M.Sc.(McG.), F.R.C.P.(C)	Assistant Dean (Postgraduate Medical Education)
Namta Gupta; M.D.(Manit.), C.C.F.P., F.C.F.P.	Assistant Dean (Student Affairs)
Richard Montoro; M.D.,C.M., M.Sc.(McG.), F.R.C.P.(C), C.M.Q.	Assistant Dean (Resident Professional Affairs)
Robert Primavesi; M.D.,C.M.(McG.), F.C.F.P.(EM) (<i>Acting</i>)	Assistant Dean (Admissions)
Francesca Luconi; B.A., M.Ed., Ph.D.(McG.)	Assistant Dean (Continuing Professional Development)
Helene Rousseau; M.D.(Montr.), C.C.F.P., F.C.F.P.	Assistant Dean (Rural Education)
Jim Gourdon; D.V.M.(Montr.)	Director, McIntyre Animal Resources Centre
Natalie Waters; M.L.I.S.(McG.)	Head Librarian, Schulich Library of Science and Engineering

3 History

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

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

Institute relocated in 2015 to the Glen site, 1001 boulevard Decarie. The MUHC is one of the Faculty's four major teaching hospitals, together with the Jewish General Hospital, St. Mary's Hospital Center, and the Douglas Mental Health University Institute.

4 Medical Societies

McGill Medical Students' Society Inc.

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

1. to represent medical students' ideas, concerns, and problems to the Faculty of Medicine, the rest of the McGill community, the government, and the public at large;
2. to promote interaction among medical students through both the *Fédération médicale étudiante du Québec* (FMEQ) and the Canadian Federation of Medical Students (CFMS);
3. to attempt the advancement of new forms of learning in response to the desires of the students;
4. to promote student sporting and social events within the Faculty and with other faculties;
5. to publish a weekly newsletter, *The Murmur*, for all medical students;
6. to attempt generally to provide the resources and personnel to meet student needs and wishes as they arise;
7. to support and facilitate the creation and consolidation of student-led academic and community outreach initiatives.

The MSS has members on many Faculty committees, including the M.D.,C.M. Program Committee and the Admissions Committee. Details of all activities are easily available from the MSS Office and the Gateway at www.mcgillmed.com; it is hoped that all students will participate in the Society's activities.

L'Association des étudiant(e)s en médecine

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

1. représente les idées des étudiants, leurs soucis et leurs problèmes à la faculté de médecine, à la communauté de McGill, au gouvernement et au public en général;
2. facilite la communication des étudiants en médecine par le biais de la Fédération médicale étudiante du Québec (FMEQ) et de la Fédération des étudiants et des étudiantes en médecine du Canada (FEMC);
3. essaie de développer de nouveaux cours qui répondront aux désirs des étudiants;
4. s'occupe des activités sportives et sociales des étudiants en médecine et avec autres facultés;
5. publie un hebdomadaire, *The Murmur*, pour tous les étudiants en médecine;
6. de façon générale, essaie de fournir les ressources et le personnel afin de rencontrer les besoins et les désirs des étudiants qui se font ressentir;
7. soutient et facilite la création et la consolidation de projets étudiants axés sur les volets académique et communautaire.

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 ». Des renseignements sur nos activités peuvent facilement être obtenus au bureau de l'Association et sur le « Gateway » à www.mcgillmed.com; nous souhaitons ardemment que tous les étudiants participent à nos activités.

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. Our website is <http://mcgillmed.com/clubs/mcgill-osler-society>.

McGill Journal of Medicine

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

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

An updated list of MSS' societies and clubs can be found at the following link: www.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 faculty and school sections; refer to [Faculties & Schools](#) to find yours.

5.2 Student Services and Regulations

5.2.1 Student Advising

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

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

Your adviser

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

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 of McGill's undergraduate medical education program 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 and Resources > Undergraduate > General Policies and Information > : Language Policy](#) and www.mcgill.ca/ugme/curriculum/starting-our-program-what-you-need-know/language-requirements.



Note for Medicine and Dentistry: The language of instruction at McGill University is English; medical 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.

M.D., C.M. and D.M.D. students must also refer to www.mcgill.ca/ugme/curriculum/starting-our-program-what-you-need-know/language-requirements.

5.2.2.1 Proof of Proficiency in English

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

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

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

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

- **McGill Certificate of Proficiency in English**

For further information about the program, contact:

Department of Language and Intercultural Communication, School of Continuing Studies
688 Sherbrooke Street West, 11th floor
Montreal QC H3A 3R1
Telephone: 514-398-6160
Email: info.conted@mcgill.ca
Website: www.mcgill.ca/continuingstudies/programs-and-courses/languages

- **International English Language Testing System (IELTS)**

A band score of 6.5 or better.

- **University of Michigan English Language Test (MELAB)**

A minimum mark of 85%.

- **Advanced Placement International English Language (APIEL)**

A minimum score of 4.

5.2.3 Vaccination/Immunization Requirements for Health Sciences Programs

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

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

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

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

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

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

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

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

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

Students will receive details of the immunization requirements with their acceptance package and on the following website: www.mcgill.ca/studenthealth/immunize/forms. Immunizations can be completed at McGill Student Health Services which operates during the summer. For information on how to make a Student Health Services clinic appointment see www.mcgill.ca/studenthealth/see-doctor/appointments.



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



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

5.3 Fees: Health Sciences

The information in this publication was updated in April 2016. 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 and 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.

Fees for the Health Sciences (rates as of 2016–2017)

Application Fees:

All undergraduate programs, <i>excluding</i> Medicine	\$104.67
Medicine	\$146.54
Reconsideration fee	\$40

Prepayment Fee:

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

Communication Sciences and Disorders Fees

M.Sc.A. ID Badge - First Year	\$23.70
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Dentistry - Purchases of Equipment and Materials Fee

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

The cost of these purchases (including GST and QST) in 2016–2017 is estimated as follows:

First Year (starting 2016-2017)	\$259.88
Second Year	\$16,802.14
Third Year	\$3,294.48

Dentistry - Purchases of Equipment and Materials Fee

Fourth Year	\$2660.72
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For more information, see www.mcgill.ca/dentistry/programs/undergrad/fees. You will receive an e-bill in August with the exact breakdown of costs related to your equipment purchases.

Dental Students' Society New Facility Contribution

Years 1 through 4**	\$5,000
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** The Dental Students' Society has voted that as of September 2014, incoming dental students will pay \$5000 per year throughout the four years of their program as a contribution towards the new Faculty of Dentistry facility. Please visit [this section](#) of our website for more information about this new project.

Dental Clinic/Lab Usage Fee (as of 2016–2017)

Second Year	\$1,048.58
Third Year	\$2,097.14
Fourth Year	\$2,097.14

Dentistry - Laptops

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

Dentistry and Medicine - Microscopes

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

Medicine Fees

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

Medicine Extra Fees

Supplemental or Reread Exam Request Fee	\$37.59 per exam
Vaccines	see Student Health Service
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
Registration Fee	\$300 (\$100 reimbursed if 80% of sessions attended)

Medecine - Laptops

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

Nursing Fees

Books, Uniform, Stethoscope, etc.	\$2,500
Graduate Pins – Third Year	\$50 to \$160
Nursing Explorations – 3 years	\$55 to \$75 per year
Name Badge – First Year	\$23
OIIQ registration fee (paid at the OIIQ)	\$218.45 (for duration of program)
Local transportation to clinical sites	\$70/month

Physical and Occupational Therapy Fees

Books and Other Equipment	\$1,000
Laboratory Materials	\$61.20

5.4 Immigration Information

Unless their studies at McGill will be completed in less than six (6) months, all students, other than Canadian citizens and Permanent Residents of Canada, must obtain proper authorization from both Quebec and Canadian Immigration officials prior to proceeding to Canada and/or commencing studies. The process begins with a Letter of Acceptance from McGill University.

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

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

For further information, please contact:

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

5.5 Facilities

The following facilities are associated with the McGill Health Sciences.

5.5.1 Buildings

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.

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

The Department of Family Medicine is located in this building.

Charles Meredith House

1130 Pine Avenue West, Montreal QC H3A 1A3

This elegant building, built for Charles Meredith, houses the Institute for Health and Social Policy. The Occupational Health teaching program also has some faculty offices, student offices, and teaching laboratories located there.

Davis House

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

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

Duff Medical Building

3775 University Street, Montreal QC H3A 2B4

Opened for use in 1924, the building is situated on the northeast corner of University Street and Pine Avenue. It is occupied by the Pathology Department, the Department of Biomedical Engineering, the Nephrology Division, the Departments of Microbiology and Immunology, the Sheldon Biotechnology Centre, and 2 Administrative Excellence Centres (AEC).

Gerald Bronfman Centre

546 Pine Avenue West, Montreal QC H2W 1S6

This building houses the Department of Oncology.

Hosmer House

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

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

Hosmer House Annex

3541 de la Montagne, Montreal QC H3G 2A2

Some of the teaching facilities of the School of Physical and Occupational Therapy are located in this building.

Hugessen House

3666 McTavish Street, Montreal QC H3A 1Y2

This building houses 4 Administrative Excellence Centres (AEC).

Irving Ludmer Psychiatry Research and Training Building

1033 Pine Avenue West, Montreal QC H3A 1A1

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

Lady Meredith Annex

3706/3708 Peel Street, Montreal QC H3A 1W9

This annex is the new on-campus social space for medical students, complete with computers, study desks, sofas, and other furnishings, and also houses the Faculty of Medicine Communications Office and the MedWell Office (Offices of Student and Resident Affairs).

Lady Meredith House

1110 Pine Avenue West, Montreal QC H3A 1A3

This building currently houses the Division of Experimental Medicine; the Centre for Medical Education; the offices of Occupational Health and Distance Education; the Faculty Development Office; and the McGill Continuing Professional Development Office.

Macdonald-Stewart Building

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

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

McGill University Genome Quebec Innovation Centre

740 Doctor Penfield Avenue, Montreal QC H3A 0G1

Completed fall 2002, the six-storey structure was constructed to help meet the critical demand for modern and cross-disciplinary research space. The Centre is shared by several groups: the Montreal Genome Centre; the Montreal Proteomics Centre; the Genome Quebec Expertise Centre; the Mass Spectrometry Unit; the Bone Research Centre; bio-business incubators; the Alan Edwards Centre for Research on Pain; and the Centre of Genomics and Policy.

McGill University Life Sciences Complex

3649 Promenade Sir-William-Osler, Montreal QC H3G 0B1

1160 Pine Avenue West, Montreal QC H3A 1A3

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

McIntyre Medical Sciences Building

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

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

Morrice House

1140 Pine Avenue West, Montreal QC H3A 1A3

This building houses the Clinical and Health Informatics Research Group.

Place Mercantile Building

2001 McGill College Avenue, Montreal QC H3A 1G1

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

Purvis Hall

1020 Pine Avenue West, Montreal QC H3A 1A2

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

Rabinovitch House

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

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

Steinberg Centre for Simulation and Interactive Learning

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

The Steinberg Centre for Simulation and Interactive Learning (SCSIL) is located at the corner of Parc Avenue and Prince Arthur Street West, currently occupying 18,000 square feet of space in the lower level of the Galeries du Parc mall (La Cité). The SCSIL is an interprofessional centre of excellence that uses medical simulation to enhance the skills of health care professionals and strives to improve patient safety and quality of care through education, research, and innovation. In addition to its surgical skills area, high fidelity simulation suite, and 10 clinical encounter rooms, in Summer 2016 the Centre will expand, adding 12,000 square feet to its facilities. The new facilities will include a simulated ward, a hybrid operating room, a virtual reality trainer room, and a simulated apartment. The SCSIL provides the next generation of doctors, nurses, speech-language pathologists, physiotherapists, and occupational therapists with hands-on training in difficult and potentially dangerous procedures without risk to patients. It also promotes the importance of teamwork in health care delivery. The Centre is also a focal point for research in the field of simulation-based medical education with a mission to generate cutting-edge innovations in how we train our clinicians and engage with our community.

Strathcona Anatomy and Dentistry Building

3640 University Street, Montreal QC H3A 0C7

This building, opened in 1911, houses the research wet laboratories and research administration of the Faculty of Dentistry, offices and laboratories of the Department of Anatomy and Cell Biology, the Programs in Whole Person Care, and the Polypeptide Hormone laboratory.

Wilson Hall

3506 University Street, Montreal QC H3A 2A7

The Ingram School of Nursing shares this main campus building with the School of Social Work.

5.5.2 Hospitals**5.5.2.1 McGill University Teaching Hospitals**

The teaching hospital network of McGill University is an integral part of the research, teaching, and clinical activities of the Faculty of Medicine. By agreement and tradition, the administration, medical staff, and scientific personnel of these institutions are closely integrated with McGill University and form the basis for the clinical departments of the Faculty of Medicine.

McGill University Health Centre (MUHC) / Centre universitaire de santé McGill (CUSM) is a merger of seven teaching hospitals affiliated with the Faculty of Medicine at McGill University. The activities of the MUHC are carried out at the following locations:

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

1001 Décarie Boulevard

Montreal QC H4A 3J1

Telephone: 514-934-1934

Website: muhc.ca/glen/dashboard

The Montreal General Hospital

1650 Cedar Avenue

Montreal QC H3G 1A4

Telephone: 514-934-1934

Website: muhc.ca/mgh/dashboard

The Montreal Neurological Institute and Hospital

3801 University Street

Montreal QC H3A 2B4

Telephone: 514-398-6644

Website: muhc.ca/mnh/dashboard

The Lachine Hospital

650 16th Avenue

Lachine QC H8S 3N5

Telephone: 514-634-2351

Website: muhc.ca/lachine/dashboard

Each year the MUHC receives over 700,000 ambulatory visits (clinics only), approximately 40,000 in-patient stays, and trains over 600 residents and 300 clinical fellows, as well as 700 undergraduate medical students and 400 foreign students. In addition, the MUHC Nursing Department and the McGill University Ingram School of Nursing train nearly 200 student nurses, as well as nurses pursuing graduate degrees.

The MUHC has close to 14,000 health care and other personnel working within the organization's eight clinical missions:

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

The Research Institute of the McGill University Health Centre (RI MUHC) is a world-renowned biomedical and health care hospital research centre. The Institute is the research arm of the MUHC affiliated with the Faculty of Medicine at McGill University and a major training and teaching centre to over 1,200 graduate students, postdocs, and fellows devoted to a broad spectrum of fundamental and clinical research. Operating at the forefront of knowledge, innovation, and technology, it is inextricably linked to the clinical programs of the MUHC, ensuring that patients benefit directly from the latest research-based knowledge. More information is available at <http://muhc.ca/research/dashboard>.

The newest addition to the MUHC is one of the most innovative academic health centres in North America. It has brought together our legacy sites the Montreal Chest Institute, the Royal Victoria Hospital, the Montreal Children's Hospital, and a new Cancer Centre onto one site: the Glen. At the Glen site, our vision of excellence is taking shape by integrating health care, research, and teaching on a whole new level. With custom-built facilities, state-of-the-art equipment, and nurturing healing environments, we are pushing the boundaries of innovation for our current generation and those to come. Renovations are

also underway at our other MUHC sites—the Lachine Hospital, the Montreal General Hospital, and the Montreal Neurological Hospital—as we continue to strive to provide the best care for life for our patients and families.

For more information on the MUHC, visit www.muhc.ca.

There are three other principal teaching hospitals:

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

3755 Côte Ste-Catherine Road
Montreal QC H3T 1E2
Telephone: 514-340-8222
Website: www.jgh.ca

Since 1934, the Jewish General Hospital has served patients of diverse religious, linguistic and cultural backgrounds who reside in Montreal, throughout Quebec, and beyond. As one of the province's largest acute-care hospitals, this 637-bed McGill University teaching hospital admits nearly 24,000 patients per year, while handling approximately 706,000 outpatient visits, more than 84,000 emergency visits, and nearly 4,000 births. The JGH is widely recognized for excellence in various specialties, including oncology at the Segal Cancer Centre, cardiology, neonatology, orthopedics, family medicine, aging, and emergency medicine in a new and significantly upgraded Emergency Department. In addition, several services—including Intensive Care, Neonatal Intensive Care, Coronary Care, and the operating rooms—opened in a new critical-care pavilion in January 2016. The hospital has been designated by the government of Quebec as one of Montreal's five major service centres; as a provincial centre for high-risk obstetrical and neonatal care; and as a breast referral and investigation centre.

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

More information is available at www.jgh.ca.

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

3830 Lacombe Avenue
Montreal QC H3T 1M5
Telephone: 514-345-3511
Website: www.smhc.qc.ca

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

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

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

Visit the St. Mary's Hospital Center website at www.smhc.qc.ca to learn more.

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

6875 LaSalle Boulevard
Montreal QC H4H 1R3
Telephone: 514-761-6131
Website: www.douglas.qc.ca

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

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

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

More information is available at www.douglas.qc.ca.

5.5.2.2 Institutions Affiliated with McGill University

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

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

777 boulevard de la Gappe, Gatineau QC J8T 8R2

www.csssgatineau.qc.ca

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

1801 boulevard de Maisonneuve Ouest, Montreal QC H3H 1J9

www.csssdelamontagne.qc.ca

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

6484 Monkland Avenue, Montreal QC H4B 1H3

www.cssscavendish.qc.ca

Jewish Rehabilitation Hospital (*CISSS Laval*)

3205 Place Alton Goldbloom, Laval QC H7V 1R2

hjr-jrh.qc.ca/en

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

7005 de Maisonneuve Boulevard West, Montreal QC H4B 1T3

www.constance-lethbridge.qc.ca

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

7000 Sherbrooke Street West, Montreal QC H4B 1R3

www.mabmackay.ca

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

5795 Caldwell Avenue, Montreal QC H4W 1W3

www.donaldbermanmaimonides.net/index.html

Shriners Hospitals For Children

1003 Décarie Boulevard, Montreal QC H4A 0A9

www.shrinershospitalsforchildren.org

5.5.3 Clinical Facilities for Dentistry

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

Place Mercantile
2001 McGill College Avenue, Suite 500
Montreal QC H3A 1G1
Canada

Telephone: 514-398-7203

Fax: 514-398-8900

Website: www.mcgill.ca/dentistry

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 sitting area for consumption of meals. 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 including 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 Dietetics and Human Nutrition*.

5.5.5 Research Centres

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

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

Artificial Cells and Organs Research Centre

McIntyre Medical Sciences Building, Room 1003
3655 Promenade Sir-William-Osler
Montreal QC H3G 1Y6
Telephone: 514-398-3514
Fax: 514-398-7452
Website: www.medicine.mcgill.ca/artcell

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

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

Biomedical Ethics Unit

3647 Peel Street
Montreal QC H3A 1X1
Telephone: 514-398-6980
Fax: 514-398-8349
Website: www.mcgill.ca/biomedicalethicsunit

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 trials, genetics, pediatrics, innovative 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.

Centre for Bone and Periodontal Research

740 Doctor Penfield Avenue, Room 2207
 Montreal QC H3A 0G1
 Telephone: 514-398-6028
 Fax: 514-398-4020
 Website: 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.

Centre for Medical Education

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

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

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

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

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

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

Centre for Research on Brain, Language and Music

3640 rue de la Montagne
 Montreal QC H3G 2A8
 Telephone: 514-398-6962
 Fax: 514-398-8123
 Website: www.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.

Centre for Research in Reproduction and Development

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

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

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

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

Centre for Translational Research in Cancer

Lady Davis Institute for Medical Research
Jewish General Hospital
3755 Côte Ste-Catherine, Room E538
Montreal QC H3T 1E2
Telephone: 514-340-8222 ext. 5418
Fax: 514-340-8708
Website: 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 Tissue Bank, Clinical Research Unit, and a Molecular Modeling Program. The unique interaction of clinician-scientists and Ph.D. researchers provides an important strength to novel therapeutic development programs. There is significant interaction with biotechnology and the pharmaceutical industry.

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

Ludmer Centre for Neuroinformatics & Mental Health

Email: info@ludmercentre.ca
Website: ludmercentre.ca

Initiated in 2013, the Ludmer Centre for Neuroinformatics & Mental Health is an innovative partnership between 3 Montreal-based, cutting-edge, McGill-affiliated research facilities brought together through a generous donation of the Irving Ludmer Family Foundation. The goal of the Centre is to harness big data to advance the prevention, diagnosis, and treatment of cognitive degenerative diseases, mental illnesses, and learning disabilities by integrating datasets from multiple disciplines—genetic, epigenetic, and neuroimaging—to which novel computational approaches are applied. A key component of this work encompasses multidisciplinary collaborations with other researchers. Drawing on the strengths of the Montreal Neurological Institute, the Douglas Mental Health University Institute, and the Lady Davis Institute of the Jewish General Hospital, the Ludmer Centre is uniquely positioned to effect a significant impact on the understanding and treatment of mental illnesses, diseases, and learning disorders.

Please contact us by email for more info.

McGill AIDS Centre

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

3755 Côte Ste-Catherine, Room F-318
Montreal QC H3T 1E2
Telephone: 514-340-7536

Fax: 514-340-7537

Website: www.ladydavis.ca/mcgillaidscentre

The McGill AIDS Centre coordinates, facilitates, and promotes teaching, research, and treatment activities relating to HIV infection and AIDS at McGill University and its affiliated teaching hospitals. McGill University has been among the foremost institutions in Canada to study and treat HIV infection and AIDS. McGill scientists, researchers, and clinicians have carried out work in every area of this health problem. The Centre firmly believes that the study and treatment of HIV infection and AIDS must be interdisciplinary, and thus the fields of medical science and social science must complement each other. The Centre enhances this work by helping researchers, scientists, and clinicians at McGill to carry out the complex research that is needed to understand, prevent, and treat HIV infection both in Canada and around the world.

McGill AIDS Centre scientists play an important role through collaboration with their counterparts in developing countries in which HIV is endemic. Our scientists have played lead roles in articulating a need for access to antiretroviral drugs for all in need, regardless of where they live or their ability to pay. Educational and training activities will be augmented to ensure there is sufficient manpower for the growing HIV epidemic. The care and treatment of persons who are infected with HIV or who have developed AIDS will be enhanced through coordination of these activities at McGill hospitals and clinics. Furthermore, the Centre will provide a forum for the input and participation by people with HIV infection or with AIDS in this research, teaching, and care.

McGill Centre for Research in Neuroscience

Montreal General Hospital, Livingston Hall, L11-112

McGill University Health Centre

1650 Cedar Avenue

Montreal QC H3G 1A4

Telephone: 514-934-8094

Fax: 514-934-8216

Website: 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.

McGill International TB Centre

Research Institute of the McGill University Health Centre

1001 boulevard Décarie, Glen Block E

Program Mail Drop EM3 3211

Montreal QC H4A 3J1

Telephone: 514-934-1934, ext. 42815

Website: www.mcgill.ca/tb

The McGill International TB Centre brings together over 20 investigators with expertise ranging from economics to mouse models, working both at an academic centre and with a number of collaborating groups around the world.

The Centre includes researchers interested in biomedical, clinical, epidemiologic, and social determinants of TB. Additionally, the studies we conduct serve as the basis for both methodologic developments applicable to other diseases (e.g., molecular epidemiology) and substantive investigations that may apply to other categories of diseases (e.g., common themes between mycobacterial diseases and inflammatory bowel disease). Our investigators have a wide range of collaboration, between themselves and with numerous groups outside of McGill, and Canada, for the study of TB and other mycobacterial diseases.

Please contact us for more information about the Centre and its ongoing activities.

McGill University Research Centre for Studies in Aging

6825 boulevard LaSalle

Verdun QC H4H 1R3

Telephone: 514-766-2010

Website: aging.mcgill.ca

The McGill University Research Centre for Studies in Aging (MCSA) is committed to investigating causes and possible treatments of the dementias, especially Alzheimer's disease. During the past decades, the MCSA has played a pioneering role in identifying genetic abnormalities leading to an increased risk for Alzheimer's disease. The Memory Clinic of the Alzheimer's Disease Research Unit, under the leadership of Dr. Serge Gauthier, is focusing on improved therapies, long-term treatment of subjects affected by dementia, and enhancing the quality of life of patients and caregivers.

Prevention, the new major focus of aging research, has been identified as an important objective in dementia research by national and international institutes (Alzheimer Society of Canada, National Institute of Aging USA) and is a priority of McGill University over the next decade. The MCSA contributes to this effort with its Dementia Prevention Program that was launched in 2012, entitled "Prevention of Neurodegenerative Disease in Everyone at Risk" (P.O.N.D.E.R.). This program, in close cooperation with the Douglas Institute and other research centres in Quebec, was established with three goals: (a) provide a free

platform for adults aged 40–90 to engage in cognitive training; (b) determine normative cognitive performance in middle-to-old adulthood, and (c) identify persons showing early signs of cognitive impairment that are at risk of developing late-onset dementia. This will allow community prevention and initiate optimal treatment for affected individuals while providing researchers with important data about possible predictors of dementia.

Furthermore, the MCSA has established a computational infrastructure devoted for teaching neuroimaging in dementia for fellows, graduate, and postdoctoral students. This infrastructure program is under the direction of Dr. Pedro Rosa-Neto, M.D., Ph.D. Finally, research in the field of neuroimaging has been focusing on the early detection of dementia, and AD prevention. Our clinic collaborates with other experts at McGill University using the most advanced and sensitive Magnetic Resonance Imaging (MRI) and Positron Emission Tomography (PET) protocols to evaluate patients with mild cognitive complaints. The PET and MRI technologies, combined with our clinical expertise, allow for early diagnosis and appropriate treatment of the condition causing memory deficits.

Rosalind and Morris Goodman Cancer Research Centre

1160 Pine Avenue West
Montreal QC H3A 1A3
Telephone: 514-398-3535
Fax: 514-398-6769
Website: www.mcgillgcrcc.com

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

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

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

5.5.6 Libraries

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

Schulich Library of Science and Engineering

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

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

Osler Library of the History of Medicine

The Osler Library of the History of Medicine has as its nucleus the 8,000 volumes willed to McGill University in 1919 by Sir William Osler (one of its most famous pupils and teachers). The collection now totals over 90,000 volumes including older, rare materials as well as current books and periodicals about the history of the health sciences and related areas. Loans services, such as ILL pick-up and some life sciences course reserves are available from the Osler Library. A life sciences librarian is available in Osler from 1:00 p.m. to 4:00 p.m., Monday–Friday.

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

Macdonald Campus Library

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

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

6 Academic Units in the Faculty of Medicine

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

- *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 Unit*
- *section 6.7: Communication Sciences and Disorders, School of*
- *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 Unit*
- *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

6.1.2 Core Courses

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

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

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

6.1.4 Other Courses

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

6.1.5 Anatomy and Cell Biology Faculty

Chair

Craig Mandato

Emeritus Professors

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

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

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

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.

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

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

Professors

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

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

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

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

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.)

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

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

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

Isabelle Rouiller; Ph.D.(Hertfordshire)

Assistant Professors

Geoffroy P. Noël; Ph.D.(Br. Col.)

Nicole Ventura; Ph.D.(Qu.)

Associate Members

Daniel Bernard (*Pharmacology and Therapeutics*)

Claire Brown (*Physiology*)

Colin Chalk (*Neurology and Neurosurgery*)

Jean-François Cloutier (*Neurology and Neurosurgery*)

Claudio Cuello (*Pharmacology and Therapeutics*)

Giovanni DiBattista (*Medicine*)

Allen Ehrlicher (*Bioengineering*)

Alyson Fournier (*Neurology and Neurosurgery*)

Lisbet Haglund (*Surgery*)

Janet Henderson (*Medicine*)

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

Svetlana Komarova (*Dentistry*)

Stephane Laporte (*Medicine*)

Andréa Leblanc (*Neurology and Neurosurgery*)

Stéphanie Lehoux (*Medicine*)

Heidi McBride (*Montreal Neurological Institute*)

Peter Metrakos (*Surgery*)

Makato Nagano (*Obstetrics and Gynecology*)

Tommy Nilsson (*Medicine*)

Christian Rocheleau (*Endocrinology and Metabolism*)

Edward S. Ruthazer (*Neurology and Neurosurgery*)

Peter Siegel (*Medicine and Biochemistry*)

Thomas Stroh (*Neurology and Neurosurgery*)

Jason Tanny (*Pharmacology and Therapeutics*)

Adjunct Professors

Gregor Andelfinger; M.D.(Ulm)

Christopher Brett; Ph.D.(Johns Hop.)

Philippe Campeau; M.D.(Laval)

Michel Cayouette; Ph.D.(Laval)

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

Jean-François Côté; Ph.D.(McG.)

Adjunct Professors

Daniel Cyr; B.Sc., M.Sc.(C'dia), Ph.D.(Manit.)
Jacques Drouin; B.Sc., D.Sc.(Laval)
Jennifer Estall; Ph.D.(Tor.)
Patrick Freud; B.Sc., D.C.(Parker)
David Hipfner; B.Sc., Ph.D.(Qu.)
Artur Kania; Ph.D.(Baylor)
Justin Kollman; Ph.D.(Calif.-San Diego)
Stephane Lefrancois; B.Sc., Ph.D.(McG.)
André Nantel; B.Sc., M.Sc.(Laval), Ph.D.(Chapel Hill)
Alexei Pshezhetsky; Ph.D.(Moscow St.)
Michael Sacher; Ph.D.(McG.)

6.2 Anesthesia**6.2.1 Location**

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

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

6.2.2 Courses

ANAE 301 – TCP Anesthesia

6.2.3 Electives

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

6.2.4 Anesthesia Faculty**Chair**

T. Schricker

Post-Retirement

P. Bromage, G.S. Fox, K. Krnjevic, R. Melzack, I. Metcalf, S. Rafla, J. Rosales

Professors

J.F. Asenjo
S.B. Backman

Professors

G.J. Bennett
 K. Brown
 T. Coderre (*Harold Griffith Professor of Anesthesia Research*)
 F. Carli
 F. Cervero
 L. Diatchenko
 G. Plourde
 T. Schricker
 Y. Shir

Associate Professors

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

Assistant Professors

S. Ah-kye, I. Amir, M. Angle, C. Baldry, F. Barry, G. Bertolizio, C. Bozzer, N. Buu, R. Carranza, G. Carvalho, R. Charghi, V. Collard, A. Coté, J.F. Courval, T. Daloze, E. Delabays, H. Elshobary, R. Finlayson, R. Fisher, C. Frigon, G. Fuda, M. Gauthier, M. Germain, C. Goyer, A. Guzzo, N. Hamawy, R. Hasel, R. Hatzakorzian, I. Kaufman, R.C. Khairy, K. Klubien, I. Kocur, V. Koeva, G. Kovarik, V. Kudish, I. Lakheeram, M. Lannes, V. Lash, R. Lattermann, W. Li Pi Shan, M.P. Malenfant-Rancourt, D. Mayrand, M. McHugh, P. McMillan, C. Miron, B. Mistry, M. Moellonhoff, A. Moore, S. Nordstrom, S. Odeh, J-F. Olivier, A. Owen, C. Paquet, J. Perez, U. Pfeiffer, B. Popovec, C. Poulin-Harnois, O. Predescu, B. Qizilbash, D. Quance, F. Ramadori, H. Sato, F. Salevsky, D. Shafiepour, A. Sinha, W. Triolet, T. Valois, V. Villeneuve, P. Waters, P. Wiczorek

Lecturers

N. Alsenosy, S. Bekhor, J. Bissonnette, L. De Bellefeuille, J. Doan, L. Dumais, E. Dupont, G. Fortier, P. Hamilton, T. Hennessey, G. Huni, B. Martel, M. Moellenhoff, S. Nordstrom

Adjunct Professors

J. Aragon, G. Blaise, S. Charbonneau, J. Cogan-Collet, F. Donati, G. Hemmings, S. Lenis, R. Rezonzew, K. Toledano, C. Woodruff

6.2.4.1 Anaesthesia Research Unit Faculty**Director**

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

Professors

G.J. Bennett (*CRC*)
 J. Mogil (*Director, Alan Edwards Centre for Research on Pain & Chair, Canadian Institute for Health Research*)
 L. Diatchenko (*Canadian Chair in Human Pain Genetics, Alan Edwards Centre for Research on Pain*)

6.3 Artificial Cells and Organs Research Centre**6.3.1 Location**

3655 Promenade Sir-William-Osler, Room 1003
 Montreal QC H3G 1Y6
 Telephone: 514-398-3514
 Website: 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.

6.3.3 Graduate Courses

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

6.3.4 Artificial Cells and Organs Research Centre Faculty

Director

T.M.S. Chang

Professor

S. Prakash

Associate Members

P.E. Barre (*Medicine*)

R. Cacere (*Surgery*)

E. Georges (*Biotechnology*)

C. Hoesil (*Chemical Engineering*)

M. Levy (*Medicine*)

M. Kinsella (*Bioengineering*)

D. Nicolau (*Bioengineering*)

P. Ponka (*Medicine*)

D. Shum-Tim (*Surgery*)

6.4 Biochemistry

6.4.1 Location

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

6.4.2 Core Courses

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

6.4.3 Other Courses

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

6.4.4 Biochemistry Faculty

Chair

Albert Berghuis

Emeritus Professors

Rhoda Blostein; B.Sc., M.Sc., Ph.D.(McG.), F.R.S.C.
Philip E. Branton; B.Sc., M.Sc., Ph.D.(Tor.), F.R.S.C. (*Gilman Cheney Professor of Biochemistry*)
Peter E. Braun; B.Sc., M.Sc.(Br. Col.), Ph.D.(Calif., Berk.)
Robert E. MacKenzie; B.Sc.(Agr.)(McG.), M.N.S., Ph.D.(Cornell)
Edward A. Meighen; B.Sc.(Alta.), Ph.D.(Calif., Berk.)
Walter E. Mushynski; B.Sc., Ph.D.(McG.)
Clifford P. Stanners; B.Sc.(McM.), M.A., Ph.D.(Tor.)
Maria Zannis-Hadjopoulos; B.Sc., M.Sc., Ph.D.(McG.) (*joint appt. with Oncology and Medicine*)

Professors

Nicole Beauchemin; B.Sc., M.Sc., Ph.D.(Montr.) (*joint appt. with Oncology and Medicine*)
Albert Berghuis; B.Sc., M.Sc.(Rijks Univ. Groningen, The Netherlands), Ph.D.(Br. Col.) (*Canada Research Chair in Structural Biology*)
Imed Gallouzi; Maitrise, D.E.A., Ph.D.(Montpellier, France) (*Canada Research Chair in Cellular Information Systems*)
Kalle Gehring; B.A.(Brown), M.Sc.(Mich.), Ph.D.(Calif., Berk.) (*Chercheur National du FRSQ*)
Vincent Giguère; B.Sc., Ph.D.(Laval) (*joint appt. with Oncology and Medicine*)
Philippe Gros; B.Sc., M.Sc.(Montr.), Ph.D.(McG.), F.R.S.C. (*James McGill Professor*)
Roderick R. McInnes; B.Sc., M.D.(Dal.), Ph.D.(McG.)
William Muller; B.Sc., Ph.D.(McG.) (*Canada Research Chair in Molecular Oncology*)
Alain Nepveu; B.Sc., M.Sc.(Montr.), Ph.D.(Sher.) (*James McGill Professor*) (*joint appt. with Oncology and Medicine*)
Morag Park; B.Sc., Ph.D.(Glas.), F.R.S.C. (*Diane and Sal Guerrero Chair in Cancer Genetics*) (*James McGill Professor*) (*joint appt. with Oncology and Medicine*)
Arnim Pause; B.Sc., M.Sc.(Konstanz), Ph.D.(McG.) (*Canada Research Chair in Molecular Oncology*)

Professors

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

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

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

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

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

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

Associate Professors

Maxime Bouchard; B.Sc., Ph.D.(Laval) (*Canada Research Chair in Developmental Genetics*)

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

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

Bhushan Nagar; B.Sc., Ph.D.(Tor.) (*Canada Research Chair in the Structural Biology of Signal Transduction*)

Martin Schmeing; B.Sc.(McG.), Ph.D.(Yale)

Julie St-Pierre; B.Sc., M.Sc.(Laval), Ph.D.(Camb.)

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

Jason C. Young; B.Sc.(Tor.), Ph.D.(McM.) (*Canada Research Chair in Molecular Chaperones*)

Assistant Professors

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

Sidong Huang; B.A.(Boston), Ph.D.(Calif.)

Ian Watson; B.Sc., Ph.D.(Tor.)

Associate Members

Gary Brouhard (*Dept. of Biology*)

Edward A. Fon (*Neurology and Neurosurgery*)

Jacques Genest (*Dept. of Medicine*)

Michael Hallett (*McGill Centre for Bioinformatics*)

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

Gergely Lukacs (*Dept. of Physiology*)

Vassilios Papadopoulos (*Dept. of Medicine*)

Janusz Rak (*Dept. of Medicine*)

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

Reza Salavati (*Inst. of Parasitology*)

Maya Saleh (*Dept. of Medicine*)

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

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

Ivan Topisirovic (*Dept. of Oncology*)

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

Bernard Turcotte (*Dept. of Medicine*)

Josie Ursini-Siegel (*Dept. of Oncology*)

Simon Wing (*Dept. of Medicine*)

Xiang-Jiao Yang (*Goodman Cancer Ctr., Dept. of Medicine*)

Adjunct ProfessorsPhilip Awadalla (*Montr.*)Mirek Cygler (*Sask.*)Jacques Drouin (*IRCM*)Anny Fortin (*Dafra Pharma Res. and Dev. Bvba*)Matthias Götte (*Alta.*)Enrico Purisima (*NRC/BRI*)René Roy (*PharmaQAM*)**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
 Website: 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**

R.E. Kearney

Emeritus ProfessorT.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.B.A.(HEC) (*joint appt. with Dentistry*)**Associate Professor**W.R.J. Funnell; B.Eng., M.Eng., Ph.D.(McG.) (*joint appt. with Otolaryngology*)

Assistant Professor

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

Associate Members

S. Baillet (*Neurology and Neurosurgery*)

C. Baker (*Ophthalmology*)

F. Barthelat (*Mechanical Engineering*)

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

M. Chakravarty (*Psychiatry*)

K. Cullen (*Physiology*)

A. Ehrlicher (*Bioengineering*)

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

J. Gotman (*Neurology and Neurosurgery*)

D. Guitton (*Neurology and Neurosurgery*)

A. Hendricks (*Bioengineering*)

R. Hoge (*Neurology and Neurosurgery*)

A. Kamen (*Bioengineering*)

A. Katsarkas (*Otolaryngology*)

J. Kinsella (*Bioengineering*)

S. Komarova (*Dentistry*)

A.M. Lauzon (*Medicine*)

R. Leask (*Chemical Engineering*)

I. Levesque (*Medical Physics and Oncology*)

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

T. Milner (*Kinesiology and Physical Education*)

G. Mitsis (*Bioengineering*)

L. Mongeau (*Mechanical Engineering*)

R. Mongrain (*Mechanical Engineering*)

C. Moraes (*Chemical Engineering*)

J. Near (*Psychiatry*)

D. Nicolau (*Bioengineering*)

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.)

I. El Naqa (Mich.)

C. Grova (C'dia)

J.-M. Lina (ETS)

M. Mekhail (Shriners)

J.L. Nadeau (Calif. Tech.)

Adjunct Professors

G.B. Pike (Calg.)

A. Reader (King's, Lond.)

T. Veres (NRC)

6.6 Biomedical Ethics Unit**6.6.1 Location**

3647 Peel Street, Room 309

Montreal QC H3A 1X1

Telephone: 514-398-6980

Website: www.mcgill.ca/biomedicalethicsunit**6.6.2 Core Courses**

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

INDS 302 – Medical Ethics and Health Law

6.6.3 Electives

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

6.6.4 Graduate Program

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

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

6.6.5 Biomedical Ethics Unit Faculty**Director**J. Kimmelman (*Interim*)**Associate Professors**

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

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

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

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

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

Associate MembersF. Carnevale (*Ingram School of Nursing*)M. Hunt (*School of Physical & Occupational Therapy*)Y. Joly (*Human Genetics*)B.M. Knoppers (*Centre of Genomics and Policy*)M.E. Macdonald (*MQHRG*)T. Maniatis (*Bioethics*)

Associate Members

M.H. Zawati (*Human Genetics*)

6.7 Communication Sciences and Disorders, School of**6.7.1 Location**

2001 McGill College Avenue, Suite 800
Montreal QC H3A 1G1
Telephone: 514-398-4137
Fax: 514-398-8123
Website: 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 Pell

Research Director

Linda Polka

Professors

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

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

Athanasios Katsarkas; M.D.(Thess.), M.Sc.(McG.), F.R.C.P.(C)

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

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

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

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

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

Associate Professors

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

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

Assistant Professors

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

Nicole Yee-Key Li; B.Sc., M.Phil.(HK), Ph.D.(Pitt.)

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

Kelly Root; B.A.(Ott.), M.Sc.(Dal.)

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

Faculty Lecturers (Part-Time)

Anna Baudier; B.Sc.(Montr.), M.Sc.A.(McG.)
 Myrto Brandeker; M.Sc.(Karolinska Inst.)
 Liliane Brunetti; B.Sc.(C'dia), M.Cl.Sc.(W. Ont.)
 Jesse Burns; B.A.(C'dia), M.Sc.(McG.)
 Patricia Coffin; B.A.(PEI), M.Sc.(Dal.)
 Kendall Kolne; B.Sc., M.Sc.(McM.)
 Ariana Fraid; B.A., M.Sc.A.(McG.)
 Ana Maria Gonzalez; B.Sc.(Del Rosario Univ., Colombia), M.Ed.(McG.)
 Suzanne Lalonde; B.A.(Montr.), M.Sc.A.(McG.)
 Tanya Matthews; B.A.(N. Carolina), M.A.(Hampton)
 Gina Mills; B.Sc.(Acad.), M.Sc.(Dal.)
 Aruna Sudarshan; B.Sc., M.Sc.(Institute of Speech and Hearing, Bangalore)
 Anne Vogt; B.A.(Tel Aviv), M.Sc.A.(McG.)

Associate Members

Eva Kehayia (*Physical and Occupational Therapy*)
 Yuriko Oshima-Takane (*Psychology*)

Adjunct Members

David McFarland (*Montr.*)
 Lucie Menard (*UQAM*)

6.8 Dermatology**6.8.1 Core Courses**

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

6.8.2 Electives

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

6.9 Diagnostic Radiology**6.9.1 Location**

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

6.9.2 Core Courses

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

6.9.2.1 Courses

RADD 301 – TCP Radiology

6.9.3 Diagnostic Radiology Faculty**Professor and Chair**

B. Gallix

Professors

R. del Carpio-O'Donovan

R. Lisbona

C. Reinhold

L. Rosenthal

D. Tampieri

Associate Professors

A. Assaf

J. Chankowsky

V. Derbekyan

R. Satin

L.A. Stein

Assistant Professors

G. Abikhzer, P. Albuquerque, A. Aldis, G. Artho, G. Belley, M. Boily, F.M. Boston, L.M. Boucher, T. Cabrera, E. Camilioglu, L. Carpineta, J. Cassoff, J. Casullo, F. Discepola, R. Faingold, R. Forghani, H. Guilbeault, F. Habbab, M. Hickson, R. Jaffer, E. Kao, Z. Kellow, G. Kintzen, J. Kosiuk, B. Kovacina, H. Le, M. Levental, A. Mandelankis, M.H. Martin, K. Muchantef, J. Novales-Diaz, V. Plessner, T. Powell, S. Probst, F. Proulx, H. Remy, L. Rosenbloom, A. Roy, C. Rush, K. Sayegh, C. Saint-Martin, A. Semionov, J. Stern, J. Taylor, C. Torres, M. Tsatoumas, D. Valenti, N. Wilson

Faculty Lecturers

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

6.10 Emergency Medicine**6.10.1 Location**

Room A4.62
Royal Victoria Hospital
687 Pine Avenue West
Montreal QC H3A 1A1
Website: www.mcgill.ca/emergency

6.10.2 Courses

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

INDS 408 – Emergency Medicine Clerkship

6.10.3 Electives

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

6.11 Epidemiology, Biostatistics, and Occupational Health

6.11.1 Location

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

6.11.2 Core Medical Courses

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

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 & Preventive Medicine (*DSP de Montréal*)

Elective rotations are available to medical students at the Montreal public health department under the supervision of Public Health & 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 & Preventive Medicine)

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

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

6.11.6 Graduate Courses in Epidemiology

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

- clinical epidemiology;
- pharmacoepidemiology;
- cancer;
- cardiovascular, respiratory, perinatal, environmental, and occupational epidemiology;
- clinical trials;
- health services research;
- social epidemiology;
- public and population health;
- infectious diseases;
- neuroepidemiology;
- psychiatric epidemiology;
- global health;
- clinical and health research informatics;

- genetic and molecular epidemiology.

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

6.11.7 Graduate Courses in Biostatistics

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

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

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

6.11.9 Graduate Courses in Occupational Health

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

6.11.10 Epidemiology, Biostatistics and Occupational Health Faculty

Chair

G. Paradis

Emeritus Professors

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

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

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

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

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

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

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

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

Professors Post-Retirement

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

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

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

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

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

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

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

Professors

- M. Abrahamowicz; Ph.D.(Cracow) (*James McGill Professor*)
- J. Brophy; B.Eng.(McG.), M.Eng., M.D.(McM.), Ph.D.(McG.) (*joint appt. with Medicine*)
- E.L.F. Franco; M.P.H., Dr.P.H.(Chapel Hill) (*joint appt. with Oncology*) (*James McGill Professor*)
- R. Fuhrer; B.A.(CUNY (Brooklyn Coll.)), M.Sc., Ph.D.(Calif.-San Francisco)
- T.W. Gyorkos; B.Sc.(McG.), M.Sc.(Bishop's), Ph.D.(McG.)
- J.A. Hanley; B.Sc., M.Sc.(N.U.I.), Ph.D.(Wat.)
- C. Infante-Rivard; M.D.(Montr.), M.P.H.(Calif.-LA), Ph.D.(McG.), F.R.C.P.(C) (*James McGill Professor*)
- L. Joseph; M.Sc., Ph.D.(McG.)
- J. Kaufman; B.A.(Johns Hop.), Ph.D.(Mich.) (*Canada Research Chair*)
- M.S. Kramer; B.A.(Chic.), M.D.(Yale) (*joint appt. with Pediatrics*) (*James McGill Professor*)
- R. Menzies; M.D.,C.M., M.Sc.(McG.) (*joint appt. with Medicine*)
- O.S. Miettinen; M.D.(Helsinki), M.P.H., M.S., Ph.D.(Minn.) (*on leave Jan. to Dec. 2016*)
- M. Pai; M.B.B.S.(Stanley Med. Coll.), M.D.(Christian Medical Coll.), Ph.D.(Calif., Berk.) (*Canada Research Chair*)
- G. Paradis; M.D.(Montr.), M.Sc.(McG.) (*Strathcona Prof. in Epidemiology*)
- R.W. Platt; B.Sc.(McG.), M.Sc.(Manit.), Ph.D.(Wash.) (*joint. appt. with Pediatrics*) (*Albert Boehringer 1st Chair in Pharmacoepidemiology*)
- S. Suissa; M.Sc.(McG.), Ph.D.(Flor.) (*joint appt. with Medicine*) (*James McGill Professor*)
- R. Tamblyn; M.Sc.(McM.), Ph.D.(McG.) (*joint appt. with Medicine*) (*James McGill Professor*)
- C. Wolfson; B.Sc., M.Sc., Ph.D.(McG.) (*joint appt. with Medicine*)

Associate Professors

- A. Adrien; M.D., M.Sc.(McG.)
- R. Allard; B.A.(Montr.), M.D.,C.M., M.Sc.(McG.)
- O. Basso; Ph.D.(Milan) (*joint appt. with Obstetrics and Gynecology*)
- A. Benedetti; B.Sc., M.Sc., Ph.D.(McG.) (*joint appt. with Medicine*) (*on leave Sept. 2016 to Aug. 2017*)
- D. Buckeridge; M.D.(Qu.), M.Sc.(Tor.), Ph.D.(Stan.) (*CIHR Applied Public Health Chair*) (*on leave May to Oct. 2016*)
- J. Cox; B.Sc., B.A., M.D.(Dal.), M.Sc.(McG.), C.C.F.P., F.R.C.P.(C)
- N. Dendukuri; M.Sc.(Indian IT), Ph.D.(McG.) (PT) (*joint appt. with Medicine*)
- C. Greenwood; B.Sc.(McG.), M.Sc.(Wat.), Ph.D.(Tor.) (*joint appt. with Oncology*)
- S. Harper; B.A.(Westminster Coll.), M.S.P.H.(S. Carolina), Ph.D.(Mich.) (*on leave Sept. 2016 to Aug. 2017*)
- P. Héroux; B.Sc.(Laval), M.Sc., Ph.D.(I.N.R.S.)
- E.E.M. Moodie; B.A.(Winn.), M.Phil.(Camb.), Ph.D.(Wash.) (*William Dawson Scholar*)
- A. Nandi; B.S.(Coll. of New Jersey), M.P.H.(Col.), Ph.D.(Johns Hop.) (*joint appt. with Institute for Health and Social Policy*) (*Canada Research Chair*)
- C. Quach-Thanh; M.D.(Montr.), M.Sc.(McG.) (*joint appt. with Pediatrics*)
- A. Quesnel-Vallée; B.A., M.Sc.(Montr.), M.A., Ph.D.(Duke) (*joint appt. with Sociology*) (*Canada Research Chair*)
- M. Rossignol; B.Sc., M.D.(Sher.), M.Sc.(McG.)
- A. Schmidt; B.Sc., M.Sc.(Federal Rio de Janeiro), Ph.D.(Sheff.)
- E. Strumpf; B.A.(Smith), Ph.D.(Harv.) (*joint appt. with Economics*) (*William Dawson Scholar*)
- P. Tousignant; B.A., M.D.(Laval), M.Sc.(McG.), F.R.C.P.(C) (PT)

Assistant Professors

- J. Baumgartner; B.A.(Wisc.), M.Sc.(Harv.), Ph.D.(Wisc.) (*joint appt. with Institute of Health and Social Policy*) (*CIHR New Investigator*)
- P. Chaudhuri; B.Sc.(Presidency); M.Stat.(Indian Statistical Institute), M.S., Ph.D.(Wash.)
- J. Chevrier; B.Sc., M.Sc.(Laval), Ph.D.(Calif., Berk.) (*Canada Research Chair*)

Assistant Professors

K. Dehghani; B.Sc.(SUNY), M.Sc.(N'western), M.D.(Tor.), M.Sc.P.H.(Harv.), C.C.F.P.(C), F.R.C.P.(C)
 D. Kaiser; B.Sc., M.D.,C.M., M.Sc.(McG.)
 S. Martin; M.D.(Tor.), M.Sc.(McG.) (PT)
 L. Patry; B.Sc., M.D.(Laval), F.R.C.P.(C) (PT)
 F. Richer; B.Sc., M.D.(Ott.), M.Sc.(McG.), F.R.C.P.(C)
 G. Tan; D.Phil.(Oxf.) (PT)
 S. Weichenthal; B.Sc., M.Sc., Ph.D.(McG.) (*joint appt. with Oncology*)
 S. Yang; B.A.(Ajou), M.Sc.(McG.), Ph.D.(Mich.)

Associate Members

Biomedical Ethics Unit: J. Kimmelman, N. King
Dentistry: P. Allison, J. Feine
Dietetics and Human Nutrition: N. Basu
Family Medicine: A. Andermann, J. Haggerty, M.J.R. Lajoie, E. Robinson
Geography: N. Ross
Medicine: J. Afilalo, A. Barkun, M. Behr, S. Bernatsky, J. Bourbeau, P. Brassard, K. Dasgupta, M. Eisenberg, P. Ernst, K. Filion, M. Goldberg, C. Greenaway, S. Kahn, M. Kaminska, M. Klein, T.C. Lee, A. Marelli, N. Mayo, S. Morin, N. Pant Pai, J. Pickering, L. Pilote, E. Rahme, B. Richards, R. Sapir-Pichhadze, K. Schwartzman, M. Sewitch, I. Shrier, V. Tagalakis, G. Thanassoulis
Neurology and Neurosurgery: C. Renoux
Ob/Gyn: H. Abenhaim, R. Gagnon
Oncology: L. Azoulay
Pathology: B. Case
Pediatrics: M. Ben Shoshan, E. Constantin, G. Dougherty, P. Fontela, B. Foster, P.T-S. Lee, M. Zappitelli
Physical and Occupational Therapy: S. Ahmed, A. Bussieres
Psychiatry: E. Latimer, A. Malla, N. Schmitz, B. Thombs
Sociology: S. Clark
Surgery: D. Deckelbaum

Lecturers

J.P. Courteau, M. Kafka, C. Kom Mogto, S.-A. Mercure, C. Paquette, 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
Contex: J.P. Gauvin
DSP: M. Baillargeon, C. Dea, G. Denis, A. Kossowski, R. Lessard, R. Massé, S. Palmieri, S. Perron, M. Roy
Harvard Univ.: J. Brownstein
Hôpital Ste. Justine: M. Henderson
Independent: I. Arnold, J. Lemke, M. Schweigert, L. Scott
INESSS: D. Roy
INSPQ: E. Lo, P. Robillard, S. Stock
Montreal Chest Hospital Centre: P. Rohan

Adjunct Professors

Mount Sinai: M. Baltzan

NIPHQ: C. Stich

Sanexen: P. Simon

Shire Inc.: A. Koutsavlis

Univ. of Calgary: A. Clarke

Univ. Medisch Centrum: P. Bruijning-Verhagen

Univ. de Montréal: M.E. Schnitzer, J. Siemiatycki

Univ. de Sherbrooke: C. Rochefort

Univ. of Lausanne: A. Chiolero

6.12 Family Medicine**6.12.1 Location**

Department of Family Medicine
5858 Côte-des-Neiges Road, Suite 300
Montreal QC H3S 1Z1
Email: undergrad.fammed@mcgill.ca
Website: 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 1

FMED 301 TCP Family Medicine

FMED 405 Family Medicine Clerkship

The integrated Family Medicine/Psychiatry clerkship rotation is a 16-week rotation divided into two blocks of eight weeks. For the first eight weeks, students will be assigned to a four-week rural Family Medicine rotation and a four-week Psychiatry Intensive rotation. For the remaining eight weeks of the 16-week clerkship rotation, students will participate in a longitudinal FM/Psychiatry block.

6.12.3 Electives

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

6.12.4 Family Medicine Faculty**Chair**

H. Bergman

Professors

N. Andersson

H. Bergman

A. Macaulay

P. Pluye

Y. Steinert

M. Yaffe

Associate Professors

A. Aalamian

M. Affilalo

A. Andermann

G. Bartlett-Esquiland

R. Becker

E. Bereza

M. Boillat

A. Cockcroft

M. Dworkind

S. Glaser

R. Grad

J. Haggerty

J. Kirk

B. Lapointe

S. Law

M. Malus

J. McClaran

J. Nemeth

A. Pavilanis

R. Rodriguez

I. Rohan

E. Rosenberg

I. Shrier

P. Tellier

A. Towers

B. Unger

M. Ware

Assistant Professors

S. Aggarwal, D. Amdursky, K. Amyot, W. Aoune-Seghir, W. Barakett, E. Belanger, I. Benjamin, C. Berger, M. Berner, H. Baldev Bhanabhai, M. Bigras, S. Bindiganavile-Sridhar, M.R. B-Lajoie, D. Blouin, L. Boretsky, C. Bouchard, S. Boulet, A. Bourkas, G. Brock, A. Brown-Johnson, G. Brousseau, H. Bureau, B. Burko, I. Burstein, I. Campbell, S. Cape, J. Chahine, G. Chaput, L. Charette, G. Cheng, J. Chirgwin, M. Comeau, H. Coombs, H. Coopersmith, B. Cote, R. Croteau, P. Cruvellier, E. Dagher, D. Dalton, R. Dancose, J. Dankoff, F. de Champlain, G. de Margerie, A. de Pokomandy, A. Decker, R. Diez D'Aux, A. Doucet, M. Dove, M. Dowdall, M. Doyle, M. Dumas Pilon, V. Einagel Jr., E. Eski, J. Farley-Deschamps, D. Finestone, A. Florea, R. Friedman, B. Fuchsman, A. Fuoco, G.P. Gagne, J. Gaiptman, A. Gavsie, R. Ghoche, D. Ginsberg, H. Goldstein, B. Gordon, W. Grad, N. Gupta, A. Guttman, J. Guy, L. Haiek, N. Haley, M. Hammond, B. Hayton, F. Hersson-Edery, E. Ho-Wo-Cheong, J. Hughes, M. Hughes, D. Ince-Cushman, E. Ingram, K. Johnson, S. Jones, A. Juras, K. Khoukaz, M. Karanofsky, B. Kremer, V. Lacroix, L. Lalla, L. Lam, I. Leblanc, B. Lebouche, A. Lefort, M. Lefson, Z. Levine, S. Levitz, J. Lewis, E. Lorber, R. Lubarsky, R. Ludman, G. Luskey, P. Lysy, G. Ma, A. Macek, K. MacLellan, R. Mahood, M. Marche, G. Marmor, S. Marques, G. Martel, S. Martin, B. Mayman, L. McLaughlin, G. Michaels, E. Moras, R. Morris, A. Motard, L. Normand-Rivest, P. Nugus, C. Ogilvy, C. Paraskevopoulos, E. Paraskevopoulos, M. Perrone, R. Perrotta, A. Phillips, D. Piper, V. Poirier, L. Poulin de Courval, R. Primavesi, S. Quach, M. Rappaport, E. Robinson, M. Roper, S. Rosenthal, A. Rothman, H. Rousseau, J. Rowen, H. Rubenstein, B. Russillo, N. Sabin, S. Saluja, B. Schiff, E. Segal, N. Sigouin, D. Sitaru, J. B. Slapcoff, R. Sorge, D. Sproule, J. Stasiak, D. Steg, P. Steinmetz, E. Stern, S. Still, H. Stuart, J. Szabo, K. Tong, G. Tradounsky, E. Tremblay, P. Tsoulos, T. Vandor, G. VanGurp, I. Vedel, F. Veillet, P. Wasser, M. Weber, R. Weinman, A. Whiteman, M. Wilchesky, J. Wootton, H. Yin, M. Zampini

Lecturers

C. Abadir, F. Abboud, M. Abdelnour, M. Abedpour Dardashti, H. Abergel, M. Abou Abdo, H. Abrahams, A. Ackaoui, Y. Acre, R. Adjemian, P. Adler, S. Ahmed, K. Aikin, N. Al Sawaf, G. Alain, M. Alam, L. Alladin, J. Almasi, J. Alper, A. Angelus, D. Archambault, R. Arel, M. Arsenault, G. Aubé, G. Auclair, T. Aumond-Beaupre, A. Authier, R. Ayallon-Galvan, A. Azuelos, J. Backler, P.E. Barbeau, I. Barrette, P.-J. Baylis, C. Beauce, F. Beauregard-Lepage, J.F. Belanger, M. Belefqih, N. Belkhous, M. Bellazzi, M. Benfey, M. Bernard, C. Besner, G. Bienvenue, A.M. Bilodeau-Dubé, K. Birdi, M.H. Biron, R. Bisson, M.-E. Blanchette, V. Blonde, M. Boily, K.E. Boisvert, G. Boivin, V. Bonneau, P. Bonneville, S. Borreman, S. Boucher, D. Boudreault, M.

Lecturers

Bouhadana, N. Boulanger, C. Bourbonnière, A. Bourgon, H. Boyer, L.T. Breger, M. Brenhouse, E. Bridges, T. Brind'Amour, R. Brunner, J. Bussièrès, L. Buzzetti, D. Cabane, L. Cadoret, M. Cardinal, N. Cardinal, C.A. Cardona, R. Carlin, J. Caron, P. Caron, P. Carroll, P.J. Carroll, A.-M. Carvalho, A. Cecere, K. Cernovitch, G. Charbonneau, R. Chehade, M.L. Chen, M.S. Chermignani, S. Cherradi, R. Chira, S. Chiry, D. Chouinard, G. Chouinard, I. Ciobanu, T.J. Clarke, I. Cloutier, H.S. Cohen, M.J. Comeau, E. Contant, J. Copley, B. Coquet Le Pape, L. Cossette, J. Cournoyer, J. Cracower, P. Croteau, C. Cyr, A. Czaharyn, C. Daigle, P. Daignault, F. Dankoff, D. Dannenbaum, J. Defay, L. Defoy, K. Dehghani, A. DePauw, D. Deschenes, J. Desjardins, M.H. Desrosiers, D. Désy, C. Dionne, T.-H. Do, C. Dobrich, A.M. Dollois, A. Dominguez, E. Dorobantu, V. Doulas, N. Dragin, R. Drummond, H. Dube, M. Duchastel, S. Dufresne, G. Duns, V. Duplessis, J. Duval, E. Edelstein, E. Elman, M. Engo, W. Estevez, J.M. Eydt, F. Fallenbaum, T. Fainsilber, I. Faullem, I. Favez, D. Ferrarotto, B. Fine, G. Fisher, T. Fitch, A.S. Focroulle, M.H. Folt-LaSalle, J. Fontg-Walmsley, S. Fortin, L. Foucault, N. Fox, F. Frechette, J.R. Friedman, M. Fuks, G. Gagnon, I. Gagnon, J. Gardie, P. Gareau, E. Garoufalos, T. Gasse, J. Gauthier, D. Gee, R. Gendron, S. Gendron, R. Germain, V. Gervais, S. Geukjian, F. Gilbert, M.O. Gilbert, M. Gillman, S. Gingras, C. Godbout, D. Golberg, D. Gold, B. Goldenberg, J. Goldfarb, B. Gore, S. Gotlieb, Z. Gouda, D. Gouriou, G. Guay, L. Guay, M. Guay, M. Guilbault, E. Guillotte, V. Gurekas, C. Hackett, C. Haggart, A. Haineault, J. Hagshi, M. Hallman, C. Hamel, L. Han, C. Haskins, S. Heisler, B. Hejazi, O. Hermon, S. Herskovitz, E. Hew, A. Hirtle, Q.C. Hoang, P. Hope, O. Horn, R. Hunt, A. Huot, V. Hurteloup, Z. Irani, M. Isler, S. Issley, L. Jacques, K. Jansen, C. Jarvis, J. Jetté, V. Joannisse, C. Johnson, C.S. Johnson, I.S. Jolin, J.O. Jutras, M. Kalin, E.D. Kapusy, N. Karellis, M. Katz, R. Khurana, D. Kitty, N. Kovacina, I. Kovitch, A. Krull, G.L. Kumka, S. Kushner, S. Laberge, R. Labonté, D. Lacombe, LP Lacroix, M. Lajzerowicz, D. Lalla, M.M.-H. Lam, M. Lamarche, H. Laperriere, S. Laplante, M. Lapointe, V. Lapointe, D. Lasry, C.E. Lavoie, K. Lawlor, P.D. Le, G. Leblanc, M. Lecault, C. Leclerc, M. Leclair, G. Lee, M. Lemay, E. Lemercier, L. Le Quoc, L. Lessard, C.M. Levan, M.-A. Le Van, A. Levi, S. L'Hereault, N. Liesegang, E. Lillie, R. Lin, P. Lipes, M. Lisanu, M. Lobel-Buch, R. Lord, D. Luckow, S. Luger, A. Luna, T. Lussier, D. Luu, A. Maccordick, L. Maclaren, R. Mah, P. Mailhot, A. Manganas, S. Manoli, N. Marceau, M.H. Marchand, M. Marleau, P. Martel, K.M. Martin, E. Massey, P. Mathers, J. Maunders, H. Mavromichalis, P. McCabe, C. McConnery, N. McGee, R. Melameth, Z. Meliji, L. Melnyk, P. Merrett, C. Meyers, M.N. Michaud, M. Miquelon, B. Mitelman, H. Mitnick, P. Moise, S. Mojica, S. Moore, S. Morel, V. Morin, S. Morris, M. Munoz, J. Nadon, N.S. Nakhostine, V. Nally, A. Nanhon, L. Narasiah, J. Nayar, N. Neylon, L.A. Nguyen, M.C. Nguyen, T.A.T. Nguyen, Y.N. Nguyen-Duong, O. Normandin, M. Odell, M. Ohayon-Tapiero, A. Omar, T. O'Neill, O. Onyekwelu, A. Orr, M. Orzeszyna, G. O'Shaughnessy, M.-J. Ouimet, E. Pantazopoulos, J. Paradis, N. Paradis-Robert, M. Parent, R. Payeur, E. Pearson, M.F. Pelletier, S. Pelletier, B. Perez, M. Persson, D. Peters-Mainville, M. Pham, M. Pham-Dinh, R. Piché, J. Pigeon, J. Podavin, M. Poirier, S. Popescu-Crainic, M.S. Potter, E. Potvin, D. Pouteau, G.J. Pratt, G. Prévost, S. Prevost, G. Proulx, M. Proulx, E. Provost, E. Remillard, A. Richard, G. Richer, A.K. Richter, M. Rif, A. Rigault, L.F. Rivero-Pinelo, A. Rizzuto, E. Roberge, P. Roche, I. Rodier, M.F. Rollin-Andrée, M. Rona, L. Rooke, J. Rosenberg, A. Rosengren, A. Ross, J. Rozen, M. Rozon-Rivest, A.S. Rubin, T. Rudkin, E. Rydz, G. Roy, P. Saba, O. Sabella, G.-M. Saggi, D. Saint-Jacques, N. Sahi, R. Saksena, S. Saluja, J. Sandhurst, R. Sava, C. Savard-Woods, J. Sarrazin, G. Satenstein, M.E. Saul, R.I. Sawoniak, M. Schipper, J. Schreiber, D. Schwarcz, S. Sebbag, A. Selim, D. Serero, P. Sergerie, J. Shaw, H. Shenkar, D. Shiff, P. Sibille, E.H. Sigman, J.M. Simons, K. Sing-Gosal, T. Singer, S. Sivaraman, R. Skuherska, C. Smith, S. Smith, L. Solomon, M. Solomon, A. Srinivasan, A. Stanciu, A.E. Stanciu, G. Steel, M. Stendel, M. Stern, C. Stolovitz, J. Su, K. Sun, L. St-Amant, M. Tabah, M.K. Tafler, L. Tamanaha, A. Tanguay, G. Tessier, N. Tewfik, G. Theriault, N. Toma, D. Tozzi, T.H. Tran, H.P. Tran-Le, C. Tremblay, F. Tremblay, O. Triffault, N. Trister, J.M. Troquet, Y. Trotter, J. Turner, L. Vachon, C. Vaillancourt, R. Vander Stelt, D. Vas, A. Verne, P. Vetere, H. Viladevall, P. Villard, T.H.Y. Vo, V. Vrahas, A. Walker, N. Waterman, D. Weigens, J.H. Wilson, R. Wolanski, I. Wyszogrodski, J. Yaremko, M. Yaremko-Dolan, S. Yazdanian, Y. Ying, L. Younes, J. Zavaleta, J.A. Zigby

Adjunct Professors

E. Baron, J. Beardsley, G. Boucher, J. Bruneau, M. Clarfield, I. Deslandes, R. Dhanani, F. Dufresne, A.J.G. Gervais, G. Julien, J. Kaczorowski, M. Klein, E. Kroger, JF Lanctot, D. Levine, D. Murphy, M. Valois

Associate Members

L. Berkson, D. Boivin, S. Delaney, D. Groleau, R. Hovey, H.-S. Hum, M. Laporta, A. Lippman, F. Luconi, M. Sewitch

6.13 Geriatric Medicine**6.13.1 Location**

Division of Geriatric Medicine
Montreal General Hospital, Room D6 237
1650 Cedar Avenue
Montreal QC H3G 1A4
Website: www.mcgill.ca/geriatrics

6.13.2 Courses

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

IMED 407 – Geriatric Medicine Clerkship

6.13.3 Electives

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

6.14 Human Genetics

6.14.1 Location

1205 Dr. Penfield Avenue, Room N5.13
Montreal QC H3A 1B1
Telephone: 514-398-3600
Website: www.mcgill.ca/humangenetics

6.14.2 Core Courses

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

6.14.3 Graduate Courses

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

The department also offers the following programs:

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

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

6.14.4 Human Genetics Faculty

Chair

E.A. Shoubridge

Program Directors

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

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

Emeritus Professors

V. Der Kaloustian; B.A.(Acad.), M.Sc., Ph.D., M.D.,C.M.(McG.), D.Sc.(Acad.), F.R.S.C., F.R.C.P.S.(C)

B. Mukherjee; B.Sc., M.Sc.(Calc.), M.Sc.(BYU), Ph.D.(Utah)

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

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

Professors

E. Andermann; M.Sc., Ph.D., M.D.,C.M.(McG.) (*Neurology and Neurosurgery*)

G. Bourque; B.Sc.(Montr.), M.A., Ph.D.(USC) (*Genome Quebec*)

W. Foulkes; B.Sc., MB.BS., Ph.D.(Lond.) (*Medicine*)

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

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*)

Professors

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

B. Brais; M.D.,C.M., Ph.D.(McG.) (*Neurology and Neurosurgery*)
 N. Braverman; B.Sc.(Cornell), M.Sc.(Sarah Lawrence), M.D.(Tulane) (*Pediatrics*)
 K. Dewar; Ph.D.(Laval) (*Genome Quebec*)
 Y. Joly; Ph.D.(McG.) (*Centre of Genomics and Policy*)
 J. Majewski; B.Sc., M.Sc.(Stan.), Ph.D.(Wesl.)
 P. Moffatt; Ph.D.(Montr.) (*Pharmacology*)
 R. Nadon; B.A., M.A., Ph.D.(C' dia)
 T. Pastinen; M.D., Ph.D.(Helsinki)
 I. Ragoussis; Ph.D.(Tübingen)
 L. Russell; B.A., M.D.(Ind.) (*Pediatrics*)
 A. Ryan; Ph.D.(Qu.)
 R. Slim; M.Sc.(Lebanese), M.Sc., Ph.D.(Paris VII)

Assistant Professors

L. Beitel; Ph.D.(McG.) (*Biochemistry*)
 D. Buhás; M.D.(Craiova) (*Montreal Children's Hospital*)
 L. Cartier; B.Sc., M.Sc.(McG.)
 G. Chong; Ph.D.(Kansas)
 C. Crist; B.Sc.(Br. Col.), M.Sc., Ph.D.(Tokyo)
 I. De Bie; M.D.(Laval), Ph.D.(McG.) (*Montreal Children's Hospital*)
 J. Fitzpatrick; M.S.(Mich.) (*Pediatrics and Medicine*)
 M. Fujiwara; M.Sc.(Alta.) (*Quantitative Genetics*)
 S. Gravel; Ph.D.(Physics)(Cornell) (*Numerical methods*)
 E. Grundberg; Ph.D.(Uppsala) (*Internal medicine*)
 C. Kleinman; Ph.D.(Montr.) (*Bioinformatics*)
 H. Najafabadi; Ph.D.(Montr.) (*Genome Innovation Centre*)
 I. Ragoussis; Ph.D.(Tübingen) (*Genome Innovation Centre*)
 Y. Riaz Alhosseini; Ph.D.(Heidel.) (*Genome Quebec*)
 J.P. Riviere; Ph.D.(Montr.) (*RI MUHC*)

Assistant Professors

A. Ruchon; Ph.D.(Montr.) (*Biomedical Sciences*)
V. Soleimani; Ph.D.(Ott.) (*Jewish General Hospital*)
Y. Trakadis; M.D.(Montr.) (*Montreal Children's Hospital*)
R. Sladek; B.A.Sc., M.D.(Tor.)
Y. Yamanaka; Ph.D.(Osaka) (*Goodman Cancer Research Centre*)

Lecturers

N. Anoja (*Medicine*)
L. Baret (*Medicine*)
N. Bolduc (*Pediatrics*)
S. Drury (*Pediatrics*)
S. Fox (*Medicine*)
L. Kasprzak (*Medicine*)
M. Lalous (*Medicine*)
L. Macrae (*Medicine*)
N. Palfreeman (*Medicine*)
L. Palma (*Medicine*)
H. Rothenmund (*Medicine*)
G. Sillon (*Medicine*)
R. Vanneste (*Pediatrics*)
L. Whelton (*Medicine*)
N. Wong (*Medicine*)
S. Zaor (*Medicine*)

Adjunct Professors

K. Anderson (*Children's Hospital of Eastern Ontario*)
T. Chiu (*Children's Hospital of Eastern Ontario*)
M. Cloutier (*Children's Hospital of Eastern Ontario*)
E. Creede (*Children's Hospital of Eastern Ontario*)
C. Goldsmith (*Children's Hospital of Eastern Ontario*)
B. Gottlieb (*Medicine*)
V.A. Hastings (*Children's Hospital of Eastern Ontario*)
C. Honeywell (*Children's Hospital of Eastern Ontario*)
A. Montpetit (*Genome Quebec*)
S. Morrison (*Children's Hospital of Eastern Ontario*)
J. Ott (*Genome Quebec*)

Adjunct Member

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

Associate Members

Biochemistry: P. Gros, D. Thomas
Bioethics: J. Kimmelman
Cardiology: J. Genest

Associate Members

Cancer Genetics: G. Zogopoulos

Dentistry: L. Diatchenko

Endocrinology: C. Polychonakos, B. Richards

Epidemiology, Biostatistics and Occupational Health: C. Greenwood

Law: R. Gold

Medicine: D. Cournoyer, J. Engert, B. Gilfix, C. Haston, G. Hendy, A. Karaplis, R. Koenekoop, A. Peterson, F. Rauch, M. Trifiro

Nephrology: I. Gupta

Neurology: G. Rouleau

Obs.-Gyn.: R. Gagnon, A. Naumova

Pathology: A. Spatz

Pediatrics: G. Bernard, P. Goodyer, N. Jabado, L. Majewska, J. Mitchell

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

Surgery: P. Roughley

6.15 Medical Physics Unit**6.15.1 Location**

Medical Physics Unit, DS1-7129
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Cedars Cancer Centre
1001 Décarie Boulevard
Montreal QC H4A 3J1
Program enquiries: margery.knewstubb@mcgill.ca
Website: www.mcgill.ca/medphys

6.15.2 Graduate Program

The Medical Physics Unit is a teaching and research unit concerned with the application of physics and related sciences in medicine, especially (but not exclusively) in radiation medicine, i.e., radiation oncology, medical imaging and nuclear medicine. The Unit offers an **M.Sc. in Medical Radiation Physics** and facilities are available for students to undertake a **Ph.D. in Medical Physics** through the Department of Physics.

The research interests of members of the Unit include various aspects of medical imaging, including:

- 3D imaging, the development of new imaging modalities, and applications of imaging in radiation therapy;
- radiation dosimetry and solid state;
- nuclear cardiology;
- applications of radiation biology to therapy.

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

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

6.15.3 Medical Physics Faculty**Director**

J. Seuntjens

Emeritus Professor

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

Professors

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

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

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

Assistant Professors

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

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

S. Enger; Ph.D.(Uppsala), Post Doc.(Laval)

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

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

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

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

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

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

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

Affiliate Members

S. Ambareen, K. Asiev, H. Bekerat, T. Connell, S. Darvasi, S. Davis, C. Furstoss, A. Gauvin, D. Guillet, G. Hegyi, M. Hobson, C. Janicki, P. Léger, L. Liang, B. Moftah, E. Poon, M. Popovic, R. Richardson, R. Ruo, A. Sarfehnia, M. Serban, N. Tomic, N. Ybarra

Adjunct Professors

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

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

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

A. Syme; B.Sc.(McM.), Ph.D.(Alta.), F.C.C.P.M.

6.16 Medicine**6.16.1 Location**

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

6.16.2 Core Courses

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

IMED 301 – TCP Internal Medicine

IMED 401 – Internal Medicine Clerkship

6.16.3 Graduate Courses

Experimental Medicine

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

6.16.4 Medicine Faculty

Chair

J. Martin

Emeritus Professors

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

Professors

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

Associate Professors

T. Alcindor, H. Aleyassine, S. Assouline, D. Auger, D. Baran, P. Barre, S. Bartlett, R. Becker, S. Benaroya, A. Benedetti, D. Bercovitch, L. Berkson, N. Bernard, S. Bernatsky, R. Billick, A. Bitton, D. Blank, V. Blank, W. Bloom, M. Blostein, D. Boudreau, A.M. Bourgault, P. Brassard, D.J. Briedis, S. Caplan, L. Chalifour, B. Chen, M. Churchill-Smith, A. Cohen, N. Colman, D. Cournoyer, G. Crelinsten, M. Culty, A. Dascal, D. Da Costa, K. Dasgupta, S. Daskalopoulou, M. Davidman, D. Dawson, M. De Marchie, J.S. Delaney, J. Del Carpio, N. Dendukuri, M. Deschenes, K. Dewar, P. Dobkin, J.S. Dylewski, M. Elizov, C. Ells, J. Engert, V. Essebag, C. Fallone, M.A. Fitzcharles, E. Fixman, W. Gerstein, P. Ghali, N. Giannetti, B. Gilfix, M. Godin, P. Goldberg, S. Gosselin, S. Gottfried, D. Gratton, L. Green, C. Greenaway, W. Gregory, J. Gruber, A. Gursahaney, C. Haston, N. Hilzenrat, I. Hings, A. Hirsch, J. How, M. Hudson, T. Huynh, S. Iqbal, T. Jagoe, D. Jayaraman, B. Jean-Claude, M.A. Kapusta, M. Katz, S. Katz, P. Kavan, J. Kimoff, R. Kiss, L. Knight, M. Kokoeva, A. Kristof, A.-L. Lafontaine, P. Lakatos, R. Lalonde, J. Landry, P. Laneuville, L. Larose, S. Lehoux, S. Lemay, C. Liang, R. Lin, M. Lipman, J.-L. Liu, Y. Longtin, R. Mackler, E. MacNamara, I. Malcolm, R. Mangel, S. Marcovitz, E. Matouk, S. Mayrand, T. McConnell, T.W. Meagher, S. Meltzer, S. Mishkin, J. Morais, S. Morin, D. Morris, K. Murai, M. Murshed, S. Nattel, M. Newkirk, E. O'Brien, R. Olivenstein, N. Pai, K. Pehr, A. Peterson, J. Pickering, C. Pineau, T. Podymow, J. Portnoy, R. Postuma, J. Prchal, S. Qureshi, M. Rabinovitch, E. Rahme, J.T. Ratner, M. Reed, P. Rene, J.B. Richards, S. Rinfret, J.A. Rivera Ramirez, C. Rocheleau, A. Rosenberg, S. Rousseau, M. Saleh, J. Schulz, A. Schwab, M. Schweitzer, S.K.K. Seah, I. Sebag, C. Seguin, M. Sewitch, J.D. Shannon, M. Sherman, P. Siegel, R. Sladek, D. Small, P. Small, M. Smilovitch, S. Solymoss, D. Stellwagen, D. Stubington, J. Sturgeon, P. Szego, V. Tagalakakis, M. Tamilia, H. Tannenbaum, J. Therrien, E. Torban, P. Tousignant, A. Towers, G. Tsoukas, B. Turcotte, B. Unikowsky, M. Vasilevsky, A. Walling, M. Warner, K. Waschke, J. Welch, G. Wild, N. Wolkove, P. Wong, H. Zackon, A. Zidulka, J. Zidulka

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Lecturers

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B. Abdulkarim, H.A. Abenhaim, M. Abrahamowicz, S. Ahmed, R. Andersen, M. Angle, G. Bartlett-Esquiland, M. Basik, M. Ben-Shoshan, D. Bernard, D. Boivin, M. Bouchard, N. Bouganim, P. Brodt, K. Brown, D. Buckeridge, C. Chalk, S. Chevalier, R.C. Chian, H. Clarke, T. Coderre, R. Cote, J. Cox, C. Cuello, A. De Pokomandy, L. Diatchenko, T. Duchaine, D. Dufort, E. Ehrensperger, K. Eppert, M. Fabian, L.E. Ferri, C. Goodyer, P. Goodyer, W.H. Gotlieb, D. Grouleau, I. Gupta, R. Hepple, V. Hirsh, L. Hoffman, M. Hunt, N. Jabado, F. Jafarian, T. Janaudis-Ferreira, D. Jensen, L. Joseph, D. Juncker, M.T. Kaartinen, J. Kimmelman, S. Komarova, A. Koromilas, L. Lands, J. Lapointe, B. Lebouche, B. Lessard, S. Lubarsky, C.A. Mandato, K. Mann, M. Martin, G. Matlashewski, B. Mazer, L. McCaffrey, C. McCusker, J. Minuk, T. Muanza, M. Nagano, J. Nalbantoglu, C.M. O'Flaherty, S. Owen, M. Pai, A. Pause, A. Philip, C. Piccirillo, C. Polychronakos, S. Prakash, J. Rak, E. Rosenberg, G. Rouleau, A. Ryan, S. Sabri, G.M. Sant Anna, P. Schweinhardt, M.E. Scott, R. Slim, N. Sonenberg, M. Sullivan, M. Szyf, T. Taivassalo, B. Thombs, I. Topisirovic, M. Tremblay, G. Ursini-Siegel, M. Vanhuyse, D. Van Meyel, I. Vedel, M. Veilleux, L. Vieira, M. Wilchesky, M. Witcher, J.H. Wu, M. Zappitelli, G. Zogopoulos

Adjunct Professors

H. Al-Jahdali, M. Al Madi, A.S. Albanna, J. Archambault, M. Arrieta, M.-C. Audelin, M. Avgil Tsadok, S. Bacon, M. Baltzan, D. Barolet, J. Bates, A.M. Bazin, C. Beauregard, G. Becker, F. Beland, B. Benzaquen, S. Bergeron, J. Biem, K. Billick, A. Brassard, E. Cassell, M. Cayouette, K. Champagne, F. Charron, A.M. Clarfield, A. Clarke, E. Cohen, M. Cohen, T. Combs, F. Coutlee, D. Dauphinee, J. Davignon, C.F. Deschepper, J. Di Noia, D. Domanski, J. Drouin, T. Eguale, M.D. Eid, S. Enerback, J. Estall, J. Fafard, M. Ferron, G. Fortier-Riberdy, N. Francis, F. Gaba Idiamy, E. Garbe, N. Garceau, M.C. Giard, L-P Grenier, A.M. Grunbaum, H. Gu, G. Gupta, J. Gutkowska, P. Hamet, Z. Hanna, D. Hipfner, J. Hiscott, A. Huang, P. Jolicoeur, A. Kania, M. Kmita, D. Kodner, J.P. Lavoie, E. Lecuyer, I. Litvinov, D. Lussier, L. Mallett, F. Marcotte, C. Martinez, D. Miao, J.P. Michel, M. Miller, T. Moroy, P. Nair, F. Ni, M.S. Nosair, C. Nudo, M. Oeffinger, F. Paccaud, A. Papapetropoulos, M-C Parent, H. Payette, Y. Peretz, H. Perrault, K. Podsypanina, M. Prentki, M. Pugliatti, R. Rabasa-Lhoret, D. Rabinovitch, E. Racine, S. Rashed, M. Ridha, M. Rosengarten, C. Roussos, R. Sabbagh, M. Sandri, N. Seidah, Y. Skrobik, N. Srour, W.K. Suh, H. Takahashi, C. Tannenbaum, A. Trajman, M. Trudel, N.U. Truong, W. Tsang, J. Vacher, T. Vassilakopoulos, A. Veillette, E. Wang, K. Weiss, N.E. Winslade, C. Wu, S. Zari, J. Zwaagstra

6.17 Microbiology and Immunology**6.17.1 Location**

3775 University Street, Room 511
 Montreal QC H3A 2B4
 Telephone: 514-398-3915
 Email: office.microimm@mcgill.ca
 Website: 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**Chair**

J. Madrenas

Emeritus Professors

N. Acheson, Z. Ali-Khan, M. Baines, J.W. Coulton

Professors

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

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

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.)

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

Associate Professors

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

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

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

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

H. Le Moual; Ph.D.(Montr.)

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

Assistant Professors

J. Fritz; Ph.D.(Vienna)

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

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

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

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

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

Associate Members

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

Immunology, Autoimmunity, Host Defense: J. Antel, A. Bar-Or, M. Burnier, P. Gros, A. Kristof, J. Mandl, A. Orthwein, J. Rauch, M. Saleh, M. Tremblay, C. Tsoukas, S. Vidal

Immunology and Parasitology: P. Rohrbach, B. Ward, M. Ndao, 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, B. Turcotte, J. Xia

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

Adjunct Professors

J. Archambault

A. Descoteaux

Adjunct Professors

A. Finzi
M. Gotte
N. Grandvaux
G. Kukulj
P. Lau
S. Lesage
S.L. Liu
C. Paradis-Bleau
A. Petronela
W-K. Suh

6.18 Neurology and Neurosurgery

6.18.1 Location

3801 University Street
Montreal QC H3A 2B4
Website: www.neurology.mcgill.ca

Montreal Neurological Institute
3801 University Street
Montreal QC H3A 2B4
Website: www.mcgill.ca/neuro

Montreal General Hospital
1650 Cedar Avenue
Montreal QC H3G 1A4
Website: muhc.ca/mgh/dashboard

Centre for Research in Neuroscience
1650 Cedar Avenue
Montreal QC H3G 1A4
Website: www.mcgill.ca/crn

Montreal Children's Hospital
1001 Decarie Boulevard
Montreal QC H4A 3J1
Website: www.thechildren.com

Jewish General Hospital
3755 Côte St. Catherine Road
Montreal QC H3T 1E2
Website: www.jgh.ca

6.18.2 Core Courses

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

NEUR 301 – TCP Neurology

6.18.3 Electives

The Department provides electives for medical students. These are available at the Montreal Neurological Hospital, Montreal General Hospital, and Jewish General Hospital. See the [Elective Program](#) for elective opportunities.

6.18.4 Graduate Courses

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

6.18.5 Neurology and Neurosurgery Faculty**Chair**

G. Rouleau

Emeritus Professors

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

Professors, Post-Retirement

M. Aubé, M. Jones-Gotman, R.J. Riopelle, J. Woods

Professors

E. Andermann, F. Andermann, J. Antel, D. Arnold, M. Avoli, S. Baillet, A. Bar-Or, A. Bernasconi, C. Bourque, B. Brais, H. Chertkow, J.F. Cloutier, L. Collins, R. Côté, A. Dagher, S. David, 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, M. Petrides, A. Ptito, Y. Rao, G. Rouleau, E. Ruthazer, A. Sadikot, H. Schipper, P. Séguéla, M. Shevell, E. Shoubridge, W. Sossin, S. Stifani, D. Tampieri, A. Thiel, R. Zatorre

Associate Professors

B. Bedell, S. Bekhor, J. Carlton, C. Chalk, F. Dubeau, M.C. Guiot, R. Hoge, P. Kavan, D. Klein, A.L. Lafontaine, Y. Lapierre, C. Melmed, J. Minuk, K. Moore, C. Pack, H. Paudel, A. Peterson, K. Petrecca, R. Postuma, D. Ragsdale, B. Rosenblatt, R. Schondorf, A. Shmuel, D. Stellwagen, J. Teitelbaum, D. Trojan, D. van Meyel

Assistant Professors

R. Altman, M. Angle, J. Atkinson, G. Bernard, B. Chen, M.D.P. Cortes-Nino, E. de Villers Sidani, M.E. Dilenge, S. DiMaio, P. Dion, E. Djordjevic, L. Durcan, T. Durcan, E. Ehrensperger, D. Gendron, A. Genge, P. Giacomini, J. Golan, B. Goulet, J. Hall, M.N. Hebert-Blouin, K. Hyde, J. Karamchandani, E. Kobayashi, T. Kolivakis, L.M. Koski, A. Kostikov, J. Kovitz-Lensch, N. Ladbon-Bernasconi, M. Laguë-Beauvais, M. Larose, M. Lechter, T.G. Leonard, B. Lo, S. Lubarsky, M. Maleki, J. Marcoux, G. Massarweh, R. Massie, F. Moore, S. Narayanan, E. O'Ferrall, M. Oskoui, C. Poulin, D. Radcliffe-Branch, C. Renoux, R. Roberts, P. Rosa-Neto, F. Salevsky, C. Santaguida, P. Schweinhardt, M. Sidel, D. Sinclair, D. Sirhan, J. Sjostrom, M. Srour, T. Stroh, V. Sziklas, H. Tsuda, M. Veilleux, L. Vieira, F. Wein, T. Wein, J. Zhang, M. Ziller

Lecturers

S. Antel, D. Diorio, A. Gagnon, K. Khalaf, W. Vanast

Associate Members

C. Baker, S. Beaulieu, C. Benkelfat, G. Bennett, E. Bereza, V. Bohbot, D. Bowie, A. Brunet, N. Cermakian, F. Cervero, J. Chankowsky, D. Chartrand, T. Coderre, C. Cuello, K. Cullen, B. Debruielle, R. Del Carpio, S. El Mestikawy, C. Flores-Parkman, J.P.A. Gratton, R. Hess, D. Juncker, M. Kaminska, F.A. Kingdom, L. Lach, M. Lepage, M. Leyton, A. Majnemer, R.A. McKinney, M. Meaney, C. Mindru, T. Muanza, K. Mullen, C. Paquette, G. Plourde, J. Poirier, J. Pruessner, R. Quirion, J. Rochford, L. Srivastava, G. Turecki, C.D. Walker, S. Williams, C. Wolfson, A. Zeitouni

Adjunct Professors

P. Barker, M. Beauchamp, E. Bell, A. Buchan, F. Cendes, E. De Guise, J. Doyon, P. Drapeau, P. Duquette, R. Gilbert, A. Gjedde, C. Grova, W-D. Heiss, C. Kennard, N. Labrecque, C. Limperopoulos, S. Lupien, P. Matthews, L. McKerracher, Z. Nasreddine, T. Owens, M. Pandolfo, L. Papa, V. Penhune, I. Peretz, T. Peters, G. Pike, A. Prat, M. Ptito, D. Rabinovitch, E. Racine, A. Reader, M. Schoenwiesner, M. Sinnreich, J.P. Soucy, L. Taylor, L. Xiong

6.18.5.1 Montreal Neurological Institute Faculty

Director and Chair of the Department of Neurology and Neurosurgery

G. Rouleau

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

A-L. Lafontaine

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

K. Petrecca

6.18.5.2 Montreal General Hospital Faculty

Neurologist-in-Chief

C. Chalk

Neurotrauma-in-Chief

M. Maleki

6.18.5.3 Centre for Research in Neuroscience Faculty

Director

K. Murai

6.18.5.4 Montreal Children's Hospital Faculty

Director, Division of Pediatric Neurology

G. Sébire

Neurosurgeon-in-Chief

J.-P. Farmer

6.18.5.5 Jewish General Hospital Faculty

Neurologist-in-Chief

J. Minuk

Neurosurgeon-in-Chief

J. Golan

6.19 Obstetrics and Gynecology

6.19.1 Location

McGill University Health Center
Royal Victoria Hospital – Glen Site
Department of Obstetrics and Gynecology
1001 Decarie Boulevard
Montreal QC H4A 3J1
Website: 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 (*Interim*)

Post Retirement

N. Cassar, C. Nucci

Professors

H. Clarke, A. Ferenczy, R. Gagnon, L. Gilbert, W. Gotlieb, A. Papageorgiou, B. Robaire, S.L. Tan, T. Tulandi

Associate Professors

H. Abenhaim, A. Ao, J. Arseneau, O. Basso, A. Benjamin, R. Brown, W. Buckett, R.C. Chian, E.B. de Koos, D. Dufort, R. Farag, D. Faucher, P. Fournier, R. Hemmings, A.K. Joshi, S. Krishnamurthy, B. Lemieux, M. Martin, S. Meltzer, P. Monnier, D. Morris, M. Nagano, A. Naumova, R. Slim

Assistant Professors

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

Lecturers

M. Arsenault, F. Blais, B. Bodmer, A. Climan, L. Dontigny, F. Engel, F. Faruqi, K. Feochari, A. Fichman, R. Filion, A. Fortin, C. Fortin, R. Frydman, S. Gaulin, A. Geumei, I. Girard, M. Goyet, M. Hall, J.P. Hamel, G. Hannouche, E. Himaya, L. Johnson, G. Kange, J. Lalonde, F. Lamb, N. Laporte, G. Mallouh, N. Mansour, K. Maraghi, C. Martins, A.A. Nedelchev, L.A. Pongui, D. Saxon, L. Seropian, J. Shinder, V. Stuckey, J. Thomassin

Associate Members

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

Adjunct Professors

G. Desaulniers, A. Gervaise, E.F. Hamilton, A.B. Lalonde, M. Leong, F. Naftolin, J. Press, D. Querleu, C. Sylvestre

Affiliate Member

J. Solomon

6.20 Oncology**6.20.1 Location**

Gerald Bronfman Centre
546 Pine Avenue West
Montreal QC H2W 1S6

Website: 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

M. Alaoui-Jamali, A. Aprikian, G. Batist, N. Beauchemin, F. Bladou, C. Borchers, P. Branton, P. Brodt, R. Cohen, W. Foulkes, C. Freeman, V. Gigure, L. Gilbert, P. Gold, P.H. Gordon, W. Gotlieb, V. Hirsh, A. Koromilas, R. Margolese, S. Meterissian, W. Miller, A. Nepveu, L. Panasci, M. Park, J. Pelletier, M. Pollak, S. Richard, J.P. Seuntjens, C. Shustik, L. Souhami, A. Spatz, M. Thirlwell, M. Tremblay

Associate Professors

B. Abdulkarim, T. Alcindor, D. Anderson, S. Assouline, L. Azoulay, M. Basik, M. Black, S. Caplan, P. Chaudhury, D. Cournoyer, S.L. Faria, L. Ferri, C. Greenwood, M. Hier, I. Hings, M. Katz, P. Kavan, P. Laneuville, A. Langleben, B. Lapointe, A.S. Liberman, C. Loiselle, A. Loutfi, K. Mann, M. Martin, A. Meguerditchian, C. Milne, A. Peterson, J. Prchal, R. Rajan, Z. Rosberger, A. Rosenberg, G. Shenouda, S. Solymoss, A. Towers, A. Vigano, T. Vuong, J.H. Wu, J. Zidulka

Assistant Professors

S. Abbasi Nejad Enger, S. Abish, J. Agulnik, J. Alfieri, H. Al-Halabai, R. Aloyz, J. Asselah, S. Aubin, B. Bahoric, G. Blake, M. Borod, N. Bouganim, V. Cohen, F. Cury, R. Dalfen, M. David, J.A. Davidson, F. DeBlois, A. Derossis, S. Devic, M. Duclos, M. Evans, M. Fabian, J. Farley, C. Ferrario, M. Henry, T. Hijal, K. Jardon, N. Johnson, J. Kildea, N. Kopek, C. Lambert, H. Laryea, S. Lau, C. Legler, I. Levesque, L. McCaffrey, D. Melnychuk, C. Mihalciou, T. Muanza, S. Néron, M.T. Niazi, S. Owen, V. Panet-Raymond, W. Parker, F. Patenaude, H. Patrocinio, C. Pepe, S. Sabri, V. Sangwan, E. Soisson, B. Stein, D. Stern, J. Storrington, G. Stroian, K. Sultanem, I. Topisirovic, F. Tremblay, J. Ursini-Siegel, M. Vanhuysse, T. Vanounou, C.A. Vasilevsky, M. Witcher

Lecturers

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

Associate Members

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

Adjunct Professors

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

6.21 Ophthalmology

6.21.1 Location

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

6.21.2 Core Courses

OPTH 300 – TCP Ophthalmology

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

6.21.3 Electives

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

6.21.4 Ophthalmology Faculty

Chair

L. Levin

Professors

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

Associate Professors

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

Assistant Professors

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

Lecturers

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

6.22 Otolaryngology – Head and Neck Surgery

6.22.1 Location

McGill University Health Centre – Glen Site
1001 Decarie Blvd, Room D055709
Montreal QC H4A 3J1
Telephone: 514-843-2820
Fax: 514-843-1403
Website: www.mcgill.ca/ent

6.22.2 Core Courses

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

6.22.3 Electives

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

6.22.4 Graduate Courses

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

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

S. Frenkiel

Graduate Program Director and Director of Research

B. Segal

Director of Residency Training Program

J. Manoukian

Director of Head and Neck Oncology Program

M.J. Black

Co-Directors of Undergraduate Medical Education

M. Tewfik, J. Young

Director of Fellowship Training

J. Rappaport

Emeritus Professor

J.D. Baxter; M.D.,C.M., M.Sc.(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)

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

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

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

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

T.L. Tewfik; M.D.(Alex.), F.R.C.S.(C)

Associate Professors

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

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)

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

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

Associate Professors

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

Assistant Professors

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

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

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

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

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

A. Lehmann; B.Sc.(Franche-Comté), M.Eng.(MINES ParisTech), M.Sc.(Pierre et Marie Curie), Ph.D.(Collège de France)

T. Mijovic; M.D.

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

K. Richardson; M.D.

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

R. Sweet; M.D.,C.M.(McG.)

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

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

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

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

Associate Members

K. E. Cullen; Ph.D.(McG.)

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

Q. Hamid; M.D.(Iraq), Ph.D.Med.(Lond.)

M. Henry; Ph.D.(UQAM)

N.Y.K. Li; B.Sc.(HK), M.Phil.(HK)

L. Mongeau; B.Sc., M.Sc.(Montr.), Ph.D.(Penn. St.)

M. Paliouras; B.Sc.(Hons.), M.S., Ph.D.

M. Sewitch; Ph.D.

Lecturers

C. Boucher; M.D.

R. Caouette; M.D.

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

O. Houle; M.D.

V. Iordanescu; M.D.

L. Monette; M.D.

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

T.T. Vi Vu; M.D.(Montr.), F.R.C.S.(C)

Adjunct Professors

J. Oghalai; M.D.

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

6.23 Pathology

6.23.1 Location

Duff Medical Building
3775 University Street
Montreal QC H3A 2B4
Telephone: 514-398-7125
Email: edith.zorychta@mcgill.ca
Website: 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 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 for more information or see the [Electives Opportunities](#).

6.23.4 Other Courses

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

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

6.23.5 Pathology Faculty

Chair

Z. Gao

Director of Graduate Program

E. Zorychta

Professors

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

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

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

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

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

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

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

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

J.B. Richardson; B.Sc., M.D.,C.M., Ph.D.(McG.), F.R.C.P.(C) (*Miranda Fraser Professor of Comparative Pathology*)

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

Associate Professors

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

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

Associate Professors

C. Bernard; M.D.(Sher.), F.R.C.P.(C)
 S. Camilleri-Broët; M.D., Ph.D.(Paris VI)
 B. Case; B.Sc., M.D.,C.M., M.Sc.(McG.), Dipl. Occ. Hyg., F.R.C.P.(C)
 M.F. Chen; M.B., B.S.(Monash), F.R.C.P.(C)
 M.-C. Guiot; B.Sc., M.D.(Bordeaux)
 T. Haliotis; M.D.(Athens), Ph.D.(Qu.), F.R.C.P.(C)
 V.A. Marcus; M.D.,C.M.(McG.), F.R.C.P.(C)
 R. Onerheim; M.D.(Alta.), F.R.C.P.(C)
 M. Pelmus; M.D., Ph.D.(Athens)
 L. Rochon; M.D.(Sher.), F.R.C.P.(C)
 I. Roy; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C)
 A.K. Watters; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C)
 E. Zorychta; B.Sc.(St. FX), M.Sc., Ph.D.(McG.)

Assistant Professors

O.E. Ajise; M.D., F.C.A.P., F.R.C.P.(C)
 M. Alameldin; M.D.(Alexandria), F.R.C.P.(C)
 S. Albrecht; M.D.(Sher.), F.R.C.P.(C)
 O. Aleynikova; M.D.(Dal.), F.R.C.P.(C)
 R.D. 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)
 F. Brimo; M.D.(Damascus), F.R.C.P.(C)
 D. Caglar; M.D.(Gazi)
 J. Chepovetsky; M.D.(Mount Sinai Sch. of Medicine, New York)
 A. Florea; M.D.(Iuliu Ha ieganu)
 L. Fu; M.D.,C.M.(McG.), M.Sc.(McG.), F.R.C.P.(C)
 A. Gologan; M.D.(Carol Davila, Bucharest)
 S.-M. Jung; M.D.(Chonnam Nat.)
 Y. Kanber; M.D.(Marmara)
 J. Karamchandani; M.D.(Stan.)
 J. Lavoie; B.Sc., M.Sc., Ph.D.(Laval)
 H.R. Lopez-Valle; M.D.(Univ. Autonoma, San Luis Potosi)
 A.T. Marcus; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C)
 V.-H. Nguyen; M.D.(Montr.), F.R.C.P.(C)
 A. Omeroglu; M.D.(Istanbul)
 G. Omeroglu-Altinel; M.D.(Istanbul)
 S. Sandhu; M.B., B.S.(India)
 J. St. Cyr; M.D.,C.M.(McG.), F.R.C.P.(C)
 H. Wang; M.D.(China), F.R.C.P.(C)

Associate Members

B.S. Abulkarim; M.D., Ph.D.(Paris XI), F.R.C.P.(C)

Associate Members

C.J. Baglole; M.Sc.(PEI), Ph.D.(Calg.)

P.J. Chauvin; M.Sc.(W.Ont.), D.D.S.(McG.)

M. Divangahi; Ph.D.(McG.)

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

V. Papadopoulos; D.Pharm.(Athens), Ph.D.(Paris VI)

M. Park; Ph.D.(Glasgow), F.R.S.C.

S. Sabri; Ph.D.(Paris VII)

A. Schwertani; M.D.,C.M., Ph.D.(Lond.)

6.24 Pediatrics**6.24.1 Location**

McGill University Health Centre – Glen Site
1001 Decarie Boulevard, B.RC.6358.1
Montreal QC H4A 3J1
Website: www.mcgill.ca/peds

6.24.2 Core Courses

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

PAED 301 – TCP Pediatrics

PAED 401 – Pediatrics Clerkship

6.24.3 Electives

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

6.24.4 Pediatrics Faculty**Chair**

M. Shevell

Emeritus Professors

M. Belmonte, V. Der Kaloustian, K. Drummond, H. Guyda, J.R. Hamilton, I.B. Pless, C. Scriver, G. Tannenbaum, H. Tenenhouse, V.M. Whitehouse, H. Williams

Professors

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

Associate Professors

L. Auger, F. Baltzer, M. Beland, L. Bell, F. Bhanji, M. Bitzan, N. Braverman, D. Chalut, L. Chauvin-Kimoff, E. Constantin, A. Côté, A. Dancea, G. Di Meglio, G. Dougherty, D. Faucher, B. Foster, T.E. Francoeur, H. Goldman, C. Goodyer, B. Greenfield, I. Gupta, R. Haber, L. Kovacs, P. Krisnamoorthy, C. Leblanc, D.G. Leduc, A.-M. MacLellan, L. Majewska, C. McCusker, J. McDonald, J. Mitchell, D. Moore, V. Morinville, D. Munz, F. Noya, A. O'Gorman, H. Patel, G. Pেকেles, T. Perreault, P. Puligandla, C. Quach-Thanh, S. Razack, J. Rennick, C. Rohlicek, B. Rosenblatt, E. Rubin, L. Russell, A. Ryan, A. Sant'Anna, G. Sant'Anna, R. Scuccimarri, M. Ste-Marie, B. Whittemore, D. Withington

Assistant Professors

S. Abish, H. Agostino, N. Ahmed, G. Ahronheim, R. Alizadehfar, I. Bank, A. Barbier, R. Barnes, J. Bartholomew, L. Beaumier, M. Beltempo, M. Ben-Shoshan, G. Bernard, M. Berry, S. Blaichman, M. Boutin, A. Bretholz, A. Brody, H. Bui, B. Burko, S. Campillo, A.-M. Canakis, L. Cartier-Borys, M. Cavalle-Garrido, G. Chedeville, E. Couture, C. Cummings, M. Dandavino, A. Daoud, M. Decell, M. Desjardins, D. Diksic, M.-E. Dilenge, A. Dubrovsky, H. Eisman, K. Eppert, J. Erdstein, J.-M. Ferdinand, G. Ficara, P. Fontela, S. Forget, D. Friedman, S. Rodrigues Furtado, T. Gafoor, S. Ghosh, A. Gorgos, A.-M. Gosselin, R. Gosselin, A.-M. Goyette, I. Greenstone, E. Hailu, F. Halal, P. Hedrei, C. Henin, S. Hussain, F. Jafarian, G. Julien, L. Jutras, E. Kapusy, C. Karatzios, M. Khairy, E. Khalil, L. Koclas, L. Kopel, N. Korah, R. Lalonde, G. Legault, L. Legault, C. Lejtenyi, D. Lévesque, P. Li, A. Lovett, S. MacDonald, G. Mandich, P. McCusker, E. Medoff, B. Miedzybrodzki, C. Millar, D. Mitchell, G. Morantz, J. Morel, M. Nakhla, K.-A. Nguyen, J. Ortenberg, M. Oskoui, C. Ouellet, N. Ouellette, N. Paice, J. Papenburg, R. Paquin, E. Pelausa, M. Pépin, C. Phi, L. Plotnick, H. Porras, C. Poulin, R. Primavesi, D. Rabin, M. Ramsay, H. Rich, E. Ruano Cea, C. Sabapathy, K. Saylor, A.M. Sbrocchi, W. Shalish, A. Shapiro, M. Shiller, K. Sigman, T. Sigman, M. Srour, J. Stankova, N. Stein, R. Sternszus, J. Stewart, S. Treherne, O. Tse, J. Turnbull, S. Vaillancourt, J. Von Oettingen, D. Waxman, P. Wintermark, S. Woods, J. Yaremko, M. Zappitelli, S. Zavalkoff, D. Zielinski

Lecturers

M. Allard, Y. Couture, H. Fortin, C. Gagné, J. Hortop, S. Hotte, D. King, A. Kukhta, A. Lafontaine, M.H. Landreville, J. Lavigne, P. Lawandi, J. Lemonde, D. Loyer, S. Malaab, P. Marin, S. Quansah, P. Rossy, C. Roy-Fleising, L. Samotis, E. Shahin, B. Zylbergold

Associate Members

S. Abadir, M. Brossard-Racine, S. Emil, A. Majnemer, M. Malus, J. Nemeth, R. Ruth, D.K.S. Thomas

Adjunct Professors

S. Ahronheim, N. Graves, T. Lahiri, C. Larson, V. Scholten, L.M. Segal, M. Vincent

6.25 Pharmacology and Therapeutics**6.25.1 Location**

3655 Promenade Sir-William-Osler, Room 1325
 Montreal QC H3G 1Y6
 Telephone: 514-398-3623
 Website: www.mcgill.ca/pharma

6.25.2 About the Department of Pharmacology and Therapeutics

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

6.25.3 Core Courses

This Department contributes to all curriculum components of the M.D.,C.M. program. Information on the curriculum can be found at www.mcgill.ca/ugme/curriculum.

6.25.4 Other Courses

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

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

6.25.5 Pharmacology and Therapeutics Faculty**Chair**

G. Multhaup

Emeritus Professors

R. Capek, H.H. Zing

Post-Retirement

A. Padjen

Professors

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

Associate Professors

S. Nattel, E. Zorychta

Assistant Professors

B. Castagner, L. Münter, J. Tanny, J.F. Trempe

Associate Members

M. Alaoui-Jamali, M. Culty, L. Diatchenko, L. Fellows, S. Gauthier, T. Geary, B. Jean-Claude, S. Kimmins, S. Laporte, G. Miller, C. O'Flaherty, V. Papadopoulos, S. Rousseau, Y. Shir, L. Stone, M. Ware, T.K. Wong

Adjunct Professors

B. Allen, B. Boivin, M. Boucher, L. Breton, M. Bruno, S. Chemtob, Y. De Koninck, L. Garofalo, J. Gillard, J-S Joyal, J.M.A. Laird, J. Mancini, K. Meerovitch, T. Sanderson

6.26 Physiology**6.26.1 Location**

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

6.26.2 About the Department of Physiology

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

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

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

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

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

6.26.3 Physiology Faculty**Chair**

John Orłowski

Graduate Program Director

John White

Emeritus Professors

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

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

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

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

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

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

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

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

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

Professors

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

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

Kathleen Cullen; B.Sc.(Brown), Ph.D.(Chic.)

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

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

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

Michael Mackey; B.A., Ph.D.(Wash.) (*Drake Professor of Medicine*)Sheldon Magder; M.D.(Tor.) (*joint appt. with Medicine*)

Jacopo P. Mortola; M.D.(Milan)

John Orłowski; B.Sc.(McG.), M.Sc., Ph.D.(Qu.) (*James McGill Professor*)Prensyll Ponka; M.D., Ph.D.(Prague) (*joint appt. with Medicine*)Alvin Shrier; B.Sc.(C' dia), Ph.D.(Dal.) (*Hosmer Professor of Physiology*)John White; B.Sc., M.Sc.(Car.), Ph.D.(Harv.) (*joint appt. with Medicine*)**Associate Professors**

Maurice Chacron; Ph.D.(Ott.)

Erik Cook; Ph.D.(Baylor Coll., Tx)

Mladen Glavinovic; B.Sc.(Zagreb), M.Sc.(Tor.), Ph.D.(McG.)

Michael Guevara; Ph.D.(McG.)

Russell Jones; Ph.D.(Tor.)

Ursula Stochaj; Ph.D.(Cologne)

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

Assistant Professors

Claire Brown; B.Sc.(St. Mary's), Ph.D.(W. Ont.)

Assistant Professors

Anmar Khadra; B.Sc.(C'dia), M.Sc., Ph.D.(Wat.)

Connie Krawczyk; B.Sc.(Guelph), Ph.D.(Tor.) (*joint appt. with Microbiology & Immunology*)

Judith Natalia Mandl; B.Sc.(Warw.), Ph.D.(Emory)

Anastasiya Nyzhnyk; M.Biochem., Ph.D.(Oxf.)

Reza Sharif-Naeini; B.Sc.(Montr.), M.Sc., Ph.D.(McG.)

Melissa Vollrath; B.Sc.(Wisc.), Ph.D. (Baylor Coll., Houston)

Associate Members

Anaesthesia: Steven Backman

Biomedical Engineering: Robert Kearney, Satya Prakash

Biomedical Ethics: Jennifer Fishman

Kinesiology and Physical Education: Dilson Rassier

Medicine: Nicole Bernard, Volker Blank, Mark Blostein, Andrey Cybulsky, Geoffrey Hendy, Louise Larose, Anne-Marie Lauzon, Serge Lemay, James Martin, Barry Posner, Shafaat Rabbani, Simon Rousseau, Mary Stevenson, Tomoko Takano, Elena Torban, Simon Wing

Microbiology and Immunology: Jörg Fritz

Neurology and Neurosurgery: Jack Antel, Massimo Avoli, Daniel Guitton, Christopher Pack, David Ragsdale, Ed Ruthazer, Amir Shmuel, Jesper Sjöström

Ophthalmology: Curtis Baker

Otolaryngology: Bernard Segal

Pediatrics: Charles Rohlicek

Pharmacology and Therapeutics: Daniel Bernard, Terence Hebert

Psychiatry: Nicolas Cermakian, Bernardo Dubrovsky

Research in Neuroscience: Charles Bourque, Sal. T. Carbonetto

Adjunct Professors

P. Haghighi, J. Martinez-Trujillo

6.27 Psychiatry**6.27.1 Location**

1033 Pine Avenue West

Montreal QC H3A 1A1

Website: www.mcgill.ca/psychiatry

6.27.2 Core Courses

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

PSYT 401 – Psychiatry Clerkship

6.27.3 Electives

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

6.27.4 Graduate Courses

For information regarding courses leading to the M.Sc. degree in Psychiatry, see the Faculty of Medicine's [Graduate and Postdoctoral Studies](#) section.

6.27.5 Psychiatry Faculty**Chair**

G. Turecki

Director of Graduate Program

N. Mechawar

Emeritus Professors

M.K. Birmingham; B.A.(Bennington), M.Sc., Ph.D.(McG.)

F. Engelsmann

N. Frasure-Smith; B.A. Ph.D.(Johns Hop.)

A. M. Ghadirian

S. Young

Professors

L. Annable; B.Sc.(Liv.), Dipl. in Stat.(Edin.)

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)

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. Joober; M.D.(Tunisia), Ph.D.(McG.)

B. Kieffer; Ph.D.(Strasbourg)

S. King; Ph.D.(Virg.)

L.J. Kirmayer; B.Sc., M.D.,C.M., Dipl.Psych.(McG.) (*James McGill Professor*)

E. Latimer; B.A.Sc.(Wat.), M.S., Ph.D.(Carn. Mell)

M. Lepage; B.A.(C'dia), Ph.D.(UQAM)

M. Leyton; Ph.D.(C'dia) (*William Dawson Scholar*)

G. Luheshi; Ph.D.(Newcastle, UK)

A. Malla; M.B.B.S.(Panjab)

M.J. Meaney; B.A.(Loyola), M.A., Ph.D.(C'dia) (*James McGill Professor*)

V.N.P. Nair; M.B., B.S.(Kerala), D.P.M.(Mys.)

R. Palmour; B.A., Ph.D.(Texas)

J. Paris; M.D.,C.M.(McG.)

J.C. Perry; M.D.(Duke)

Professors

R.O. Pihl; B.A.(Lawrence), Ph.D.(Ariz.) (*Psychology*)
 J. Poirier; Ph.D.(Montr.)
 J. Pruessner; Ph.D.(Trier)
 R. Quirion; M.Sc., Ph.D.(Sher.)
 C. Rousseau; M.Sc.(McG.), M.D.,C.M.(Sher.)
 L.K. Srivastava; B.Sc., M.Sc.(Allahabad), Ph.D.(J. Nehru)
 H. Steiger; Ph.D.(McG.)
 B. Thombs; B.A.(N'western), M.A.(Ariz.), Ph.D.(NYU)
 G. Turecki; M.Sc., M.D.,C.M., Ph.D.(McG.) (*William Dawson Scholar*)
 C.-D. Walker; B.Sc., Ph.D.(Geneva)
 A. Young; B.A., M.A., Ph.D.(Penn.)

Associate Professors

J. Armony; B.Sc.(Buenos Aires), M.Sc., Ph.D.(NYU)
 P. Assalian; Dip.Psychol.(McG.), M.B.,Ch.B.(Cairo)
 S. Beaulieu; M.D./Ph.D.(Laval)
 M. Berlim; M.Med., M.D.(Rio Grande do Sul)
 V. Bohbot; B.A.(McG.), M.A., Ph.D.(Ariz.)
 M.J. Brouillette; M.D.,C.M.(Sher.)
 J. Caron; B.A., M.A.(Moncton), Ph.D.(UQAM)
 N. Casacalenda; M.D.(Sher.), F.R.C.P.
 D. Charney; M.D.,C.M.(McG.)
 A. Crocker; Ph.D.(Montr.) (*William Dawson Scholar*)
 J.B. Debruille; M.D.(Paris XI), Ph.D.(Paris VI)
 S. Dongier-Montagnac; M.D.,C.M.(Provence Aix-Marseille)
 B.O. Dubrovsky; M.D.(Buenos Aires)
 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.)
 M.-J. Fleury; M.A., Ph.D.(Montr.)
 C. Flores; B.Sc., M.A., Ph.D.(C'dia)
 D. Frank; Dip.Psychol., M.D.,C.M.(McG.)
 R. I. Fraser; M.D.(Dal.)
 G. Galbaud du Fort; M.D., Ph.D.(Paris) (*joint appt. with Epidemiology and Biostatistics*)
 K.G. Gill; B.Sc.(Br. Col.), M.A., Ph.D.(C'dia)
 G. Gobbi; M.D.(Rome), Ph.D.(Cagliari)
 I. Gold; Ph.D.(Princ.)
 A. Granich; M.D.(McG.), F.R.C.P.
 B. Greenfield; M.D.(Wash.)
 N. Grizenko; M.D.,C.M.(Sher.)
 D. Groleau; B.Sc., M.Sc., Ph.D.(Montr.)

Associate Professors

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

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

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

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

T. Kolivakis; M.D.(Athens)

A. Labbe; M.Sc.(Montr.), Ph.D.(Wat.)

M. Lalinec-Michaud; B.A., M.D.,C.M.(Paris IV)

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

O. Mantere; M.D.(Helsinki)

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

N. Masrouha; M.D.(Sher.)

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.)

D. Pedersen; M.D.(Buenos Aires)

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

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

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

R.A. Ramsay; B.Sc., Gr.Dip.Psychiat., M.D.,C.M.(McG.)

A. Raz; M.Sc., Ph.D.(Hebrew)

J. Renaud; M.Sc., M.D.(Montr.)

S. Renaud; M.D.(Laval)

B.M. Robertson; Dip.Psychol.(McG.), M.B.,Ch.B.(Otago)

J. Rochford; M.A.(Qu.), Ph.D.(C'dia)

P. Rosa; M.D.(Rio Grande do Sul), Ph.D.(Aarhus)

Z. Rosberger; Ph.D.(C'dia)

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)

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

G. Wiviott; B.Sc.(Wisc.), Gr.Dip.Psychiat.(McG.), M.D.,C.M.(NYU)

T.P. Wong; B.Sc., M.Ph.(HK), Ph.D.(McG.)

P. Zelkowitz; Ph.D.(McG.)

M. Zoccolillo; B.Sc.(New Orleans), M.D.(Norfolk)

Assistant Professors

L. Amirali; M.D.(Athens)
D. Awad; M.D.(Montr.)
S.M. Bailes; Ph.D.(C'dia)
P. Bajsarowicz; M.D.(McG.), F.R.C.P.(C)
E. Banon; M.D.,C.M.(McG.)
M. Barbarosie; M.D., Ph.D.(Montr.)
L. Beauclair; B.Sc., M.D.(Laval)
D. Belisle; M.D.(Laval)
C. Benerakis; Gr.Dip.Psychiat.(McG.), M.D.(Trin. Coll.,Tor.)
M. Bernard-Brodeur; M.Sc., Ph.D.(Montr.)
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.)
E. J. Brahm; M.D.
M. Brandon; Ph.D.(Boston)
R. Brown; B.Sc., M.D.,C.M.(McG.)
T.G. Brown; Ph.D.(C'dia)
A. Bucatel; M.D.(Nicolae Testemitanu St. Univ. of Med. and Pharm.)
J. Canfield; B.A.(New Br.), M.D.,C.M.(Dal.)
P. Cervantes; Dip.Psychol.(McG.), M.D.,C.M.(UAEM)
J.-G. Chabot; Ph.D.(Sher.)
E. Chachamovich; M.D.(Rio Grande do Sul), Ph.D.(Edin.)
M. Chakavarty; Ph.D.(McG.)
R.M.E. Chenard-Soucy; M.D.(Montr.)
S. Choudhury; Ph.D.(Univ. Coll. Lond.)
D. Claveau; M.D.(Laval)
P. Cote; B.A.(Laval), M.D.,C.M.(Laval/Ott.)
L. Creti; Ph.D.(C'dia)
H. Cvejić; M.D.(NUI)
L. Dabby; M.D.(Tor.)
M.E. Davis; Dip.Psychol., M.D.,C.M.(McG.)
P. Des Rosiers; M.D.(Sher.)
R. Desautels; B.Sc., M.D.,C.M.(McG.)
J. Desmarais; M.D.,C.M.(McG.)
M. Di Tomasso; M.D.(McG.)
S. Ducharme; M.D.(Montr.)
M. Elie; B.Sc., M.D.,C.M.(McG.)
M. Elsabbagh; Ph.D.(Qu.)

Assistant Professors

C.P. Ernst; B.Sc.(McG.), M.Sc.(Br. Col.), Ph.D.(McG.)
 J. Errunza; M.D.(McG.)
 K. Faridi; M.D.(Calg.)
 K. Fathalli; M.D.(Tunis)
 A. Fielding; M.D.,C.M.(McG.)
 E. Foley; B.Sc.(Tor.)
 R.E. Franck; B.A., M.D.,C.M.(McG.)
 R. Fraser; B.A., M.D.(Dal.)
 J. Friedland; M.D.(Calg.)
 G. Gagnon
 M. Gauthier; M.D.,C.M.(Montr.)
 K. Geagea; M.D.,C.M.(SJU)
 M.-C. Geoffroy; Ph.D.(Montr.)
 J. Glass; B.A.(Boston), M.D.,C.M.(McG.)
 K. Goddard; M.D.,C.M.(Manit.)
 M. Grignon; B.A.(Montr./Ott.), M.A.(Ott.)
 J.M. Guile; Gr.Dip.Psychiat.(Aix-Marseilles)
 P. Habib; M.D.(Beirut Med. Sch.)
 M. Habra; B.A.(McG.), M.A., Ph.D.(Br. Col.)
 B. Hayton; B.A.(Williams), M.D.,C.M.(McG.)
 L. Hoffman; M.D.(McG.)
 F. Ianni; B.Sc.(McG.), M.D.,C.M.(Montr.)
 H. Iskandar; Dip.Psychol.(McG.), M.B.,Ch.B.(Alexandria)
 S. Iyer; M.A.(Mumbai), Ph.D.(Nebraska–Lincoln)
 C. Jolicoeur; M.D.,C.M.(Laval)
 J. Joly; M.D.,C.M.(McG.)
 M. Kapuscinska; M.D.,C.M.(Medical U. Gdansk)
 S. Karama; Ph.D.(Montr.)
 R. Keller; M.D.,C.M.(Manit.)
 F. Key
 M. Koch; M.D.(McM.)
 T. Kolivakis; M.D.(Athens)
 R. Kuyumjian; M.D.,C.M.(McG.)
 P. Lageix; B.Sc., M.D.,C.M.(Paris IV)
 S. Lamarre; B.A., M.D.,C.M.(Laval)
 M. Laporta; Dip.Psychol., M.D.,C.M.(McG.)
 L. Laporte; B.A.(McG.), M.Psychol., Ph.D.(Montr.)
 M. Larose; M.D.(Laval)
 M. Lashley; Ph.D.(McG.)
 J.D. Leccia; M.D.(Provence Aix-Marseille)
 E. Levy; Gr.Dip.Psychiat.(McG.), M.Ed.(Sher.)
 E. Libman; B.A., M.Sc., Ph.D.(McG.)

Assistant Professors

E. Lizondo; M.D.,C.M.(Nat. Univ. Central Buenos Aires)
G.L. Low; B.A.(Qu.), Dip.Psychol.(McG.), M.D.,C.M.(Ott.)
N.C.P. Low; M.D., M.Sc.(McG.)
W. Ma; M.D., M.Sc.(Tongji), Ph.D.(McG.)
R. Martins; Ph.D.(Montr.)
T. Measham; B.Sc., M.D.(McG.)
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.)
T. V. Nguyen; M.D.
J.A. O'Neil; B.A.(C'dia), Dip.Psychol., M.D.,C.M.(McG.)
M.A. Ouimet; D.M.D.(Sher.), Gr.Dip.Psychiat.(McG.)
M. Piat; Ph.D.(Laval)
L. Pinard; M.D.(Montr.), F.R.C.P.(C)
Z. Prelevic; Dip.Psychol.(McG.), M.D.,C.M.(Belgrade)
M. Pruessner; M.Sc., Ph.D.(Trier)
M. Rabinovitch; B.Sc., M.D.,C.M.(McG.)
S.B. Rosenbloom; B.A.(C'dia), M.A.(York)
C. Roy; B.Sc.(McG.), M.D.,C.M.(Dal.)
M. Ruiz Casares Yebenes; Ph.D.(Cornell)
J. Russell; Ph.D.(McG.)
T. Said; B.Sc.(McG.), M.D.,C.M.(Sher.)
H. Schwartz; M.D.(McG.)
M. Segal; B.A.(C'dia), B.Sc.(O.T.)(McG.), M.D.,C.M.(Ott.)
J. Seguin; B.A., B.Sc., M.D.,C.M.(Ott.)
T. Semeniuk; B.Sc., M.Ed., M.D.,C.M.(Alta.)
J. Shah; M.Sc.(Lond.), M.D.(Tor.)
M. Sigman; B.A.(McG.), M.A., Ph.D.(C'dia)
M.L. Solomon; Dip.Psychol.(McG.), M.D.,C.M.(Qu.)
I. Spector; B.A.(McG.), M.Sc., Ph.D.(Syrac.)
K.A. Steger; M.D., Ph.D.(Texas, Southwest. Med. Cent.)
L. Stern; M.D.(McG.)
A. St-Hilaire; M.Sc.(McG.), Ph.D.(Ohio)
M. St-Laurent; M.D.(Montr.)
N. Szkrumelak; B.Sc., M.D.,C.M.(McG.)
K. Tabbane; M.D., Ph.D.(Tunisia)
P. Tetreault; M.D.,C.M.(Sher.)
L. Thaler; Ph.D.(Nevada)
J.X. Thavundayil; B.Sc., M.B.B.S.(Kerala)
L. Tourian; M.D.(McG.)

Assistant Professors

A. Traicu; M.D.(McG.)
 J. Tremblay; B.A.(Montr.), M.Sc.(McG.), M.D.,C.M.(Montr.)
 F. van den Eynde; M.A.(Florence), Ph.D.(King's College), M.D.(Ghent)
 S. Vida; B.Sc.(Ott.), M.D.,C.M.(McG.)
 S. Villeneuve; Ph.D.(Montr.)
 J. Vogel; M.D.,C.M.(Manit.)
 A. Wazana; B.A.(McM.), M.Sc.(Col.), M.Sc.(McG.), M.D.(McM.)
 R. Whitley; B.S., M.S., Ph.D.(Lond.)
 A. Wilner; B.A., M.D.,C.M.(McG.)
 M.A. Wolf; M.Sc., M.D.,C.M.(Strasbourg)
 Y. Wolf; M.D.(McG.)
 G. Zahirney; M.D.(McG.)
 T. Y. Zhang; Ph.D.(McG.)
 V. Zicherman; B.Sc., M.D.,C.M.(McG.)
 D. Zigman; M.D.(McG.)
 E. Zikos; M.D.(Montr.)

Lecturers

F. Amdiss, S. Attia-Galand, A.D. Basque, N. Beauchemin, L. Beaudry, T. Bedrossian, J.F. Belair, D. Bertrand, I. Blais, C. Blake, J.M. Bourque, C.M.J. Brebion, E. Casimir, E. Cauchois, P. Chan, M. Coward, W. Darwich, M.H.N. Dinh, H.C. Dube, H. Dymetryszyn, J.A. Farquhar, H. Goldhaar, L. Gouriou, D. Groenewege, P. Harden, J. Harvey, M. Heyman, M. Hodgson, I. Iordache, H.G. Jean-Francois, D. Kunin, N. Kuperstok, P. Lamoureux, A.G. Maccordick, S.K. Margolese, V. Mbekou, D. Michaud, D.F.S. Monti, K. Myron, A. Navidzadeh, T. Ngo-Minh, J.P. O'Donnell, R. Orenman, R. Payeur, L. Peters, G. Pierre-Louis, M. Quintal, T. Reyburn, K. Richter, D.T. Rochon, A. Schiavetto, V. Tagalakis, F.C. Toma, N. Vachon, S. Wisebord, D. Zack, C. Zarowsky

Associate Members

S. Bond
 J.L. Derevensky; Ph.D.
 M. Drapeau
 A. Evans; Ph.D.
 L. McVey
 S. Neron
 G. O'Driscoll
 D. Zuroff

Adjunct Professors

A. Adamantidis
 M. Alda; M.D.
 P. Blier; M.D., Ph.D.
 L. Booij; Ph.D.
 W. Brender
 M. Cargo; Ph.D.
 A. Daigneault
 M. Desjardins
 A. Duffy; M.D.
 D. Fikretoglu

Adjunct Professors

R. Fugere; M.D.
A. Gagnon
J.P. Harris
F. Jollant
V. Kovess-Masfety; M.D., Ph.D.
O. Lapierre
A. Lesage
F. Lesperance; M.D.
S. J. Lloyd
S. Richard-Devantoy
S. Sultan
C. Tranulis
A. Zangen

Post-Retirement

D. P. Dastoor
J. P. Ellman
C. Gianoulakis
K. Minde
J.C. Negrete
G. Pinard
A. Surkis

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.mcgillgcr.com

The Rosalind and Morris Goodman Cancer Research Centre (GCRC) is a research centre that conducts internationally recognized fundamental and translational research in all areas of cancer. These research activities contribute to:

1. improving the molecular understanding of cancer;
2. improving disease management;
3. training the next generation of cancer researchers; and
4. conveying the importance of cancer research to the community.

The fundamental research approach adopted by the Centre is focused on better understanding the mechanisms involved in cancer initiation and progression and the pressing need to identify targets for clinical drug development. The research model involves identifying priority themes and establishing a critical mass of expertise within each theme. These themes include Breast Cancer, Metabolism and Cancer, Stem Cells and Signaling, DNA Replication/Repair and Apoptosis, and Embryonic Development and Cancer.

The GCRC has adopted a proactive and innovative approach to training the next generation of cancer researchers. In conjunction with the *Experimental Medicine* graduate program, the GCRC has implemented a specialized program, which is called the “Oncology Stream”. This program was conceived to give trainees the opportunity to acquire an integrated and broader perspective of basic and clinical research as it relates to cancer. Among other cancer-related courses, the students take a mandatory course: EXMD 635D1/EXMD 635D2 – Experimental/Clinical Oncology. This comprehensive course was created to expose trainees to a spectrum of different cancers, with topics ranging from diagnosis to current treatment and future drug development.

These courses are offered in the context of a CIHR funded training program termed the *McGill Integrated Cancer Research Training Program*. The training program includes other features such as seminar series featuring international authorities, workshops, and round table discussions. The Centre has also supported the establishment of a laboratory for therapeutic development to ensure that fundamental research results are translated towards clinical applications.

6.28.1 Rosalind and Morris Goodman Cancer Research Centre Faculty

Professor and Director

M. Park

Full Members

N. Beauchemin, M. Bouchard, P. Branton, T. Duchaine, A. Fuks, I. Gallouzi, V. Giguère, P. Gros, S. Huang, R. Jones, C. Krawczyk, L. McCaffrey, W. Muller, A. Nepveu, M. Park, A. Pause, J. Pelletier, G. Shore, P. Siegel, N. Sonenberg, J. St-Pierre, J. Teodoro, M. Tremblay, I. Watson, Y. Yamanaka, X.-J. Yang, M. Zannis-Hadjopoulos, G. Zogopoulos

Associate Members

U.D. Akavia, M. Alaoui-Jamali, S. Ali, G. Batist, P. Brodt, D. Cournoyer, D. Dankort, J. Dostie, L. Ferri, N. Jabado, S. Jothy, A. Koromilas, N. Lamarche-Vane, P. Laneuville, P. Lasko, C. Loiselle, K. Mann, W. Miller, L. Panasci, M. Pollak, J. Rak, R. Roy, M. Saleh, U. Saragovi, C.P. Stanners, M. Szyf, P. Tonin

Honorary Emeritus

M. Zannis-Hadjopoulos

Emeritus Professor

C.P. Stanners

6.29 Social Studies of Medicine

6.29.1 Location

3647 Peel Street, Room 207
 Montreal QC H3A 1X1
 Telephone: 514-398-6033
 Website: www.mcgill.ca/ssom

6.29.2 Core Courses

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

INDS 426 – 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:

- 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 (SSMD) Faculty**Chair**

Alberto Cambrosio

Emeritus Professor

Margaret Lock; B.Sc.(Leeds), M.A., Ph.D.(Calif., Berk.) (*Marjorie Bronfman Professor in Social Studies in Medicine*)

Professors

Alberto Cambrosio; M.Env.(Sher.), Ph.D.(Montr.)

Thomas Schlich; M.D.(Marburg), Ph.D.(Freiburg) (*James McGill Professor*)

Andrea Tone; B.A.(Qu.), M.A., Ph.D.(Emory) (*Canada Research Chair in the Social History of Medicine*)

George Weisz; M.A., Ph.D.(SUNY), Dr. 3rd Cy.(Paris V) (*Cotton-Hannah Professor of the History of Medicine*)

Allan Young; M.A.(Wash.), B.A., Ph.D.(Penn.) (*Marjorie Bronfman Professor in Social Studies in Medicine*)

Associate Professors

Jennifer Fishman; M.A.(Calif., Irvine), Ph.D.(Calif.-San Francisco) (*Biomedical Ethics Unit*)

Jonathan Kimmelman; M.A., Ph.D.(Yale) (*Biomedical Ethics Unit*)

Nicholas King; M.A., Ph.D.(Harv.) (*Biomedical Ethics Unit*)

Tobias Rees; M.A.(Tübingen), Ph.D.(Calif., Berk.)

Faith Wallis; M.A., M.L.S.(McG.), Ph.D.(Tor.)

6.30 Surgery**6.30.1 Location**

RVH / McGill University Health Centre – Glen Site
1001 Décarie Boulevard, C5-2762
Montreal QC H4A 3J1
Email: ugradsurgery.med@mcgill.ca
Website: www.medicine.mcgill.ca/surgery

6.30.2 Core Courses

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

SURG 301 – TCP Surgery

SURG 402 – Surgery Clerkship

6.30.3 Electives

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

6.30.4 Surgery Faculty**Chair**

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

Emeritus Professors

A.R. Poole

Emeritus Professors

H.R. Shibata

Professors

J. Antoniou

A.G. Aprikian

J.S. Barkun

F. Bladou

J.D. Bobyne

J.F. Boileau

M. Boutros

P. Brodt

J. Corcos

M. Elhilali

L. Feldman

P.H. Gordon

R.C. Hamdy

E.J. Harvey

J.-M. Laberge

R.G. Margolese (*Herbert Black Professor of Surgical Oncology*)

S.H. Meterissian

P.M. Metrakos

J.E. Morin

D.S. Mulder (*H. Rocke Robertson Professor of Surgery*)

A. Philip

L. Rosenberg

D. Shum-Tim

R. St-Arnaud

H. Stern

S. Tanguay

J.I. Tchervenkov

M. Tanzer

C.I. Tchervenkov

A. Turnbull

R. Turcotte

M.J. Wexler

H.B. Williams

A. Zini

Associate Professors

R. Aggarwal, M. Basik, L.R. Bégin, O.W. Blaschuk, S. Carrier, R. Cecere, P. Chan, P. Chaudhury, S. Chevalier, L.P. Coughlin, B. de Varennes, P. Fata, F. Fassier, L. Ferri, W. Fisher, D.M. Fleischer, S. Fraser, M. Gilardino, L. Haglund, K. Khwaja, K. Lachapelle, Y. Langlois, M.P. Laplante, J. Lapointe, L. Lessard, A.S. Liberman, A. Loutfi, A.-N. Meguerditchian, J. Montes, J.-F. Morin, J.S. Mort, F. Mwale, J.A. Ouellet, S. Paraskevas, P. Puligandla, J. Sampalis, G. Schwarz, T. Steffen, O.K. Steinmetz, R. Tabah, T. Taketo, M.P. Thirlwell, M. Vassiliou, D. Zukor

Assistant Professors

A. Andalib, D. Anderson, M. Anidjar, S. Andonian, O. Arena, J. Atkinson, A. Beckett, T. Benaroch, S. Bergeron, S. Bergman, G.K. Berry, J.F. Boileau, G. Brabant, B. Brenner, A.D. Brzezinski, M. Burman, L. Campeau, G. Capolicchio, R. Charbonneau, P. Charlebois, R. Chaytor, M. Chevrette, M.S. Chughtai, T. Chughtai, L.B. Conochie, M.M. Corriveau, O. Court, R.J. Crépeau, D.M. Cunningham, D. Deckelbaum, S. Demyttenaere, A.M. Derossis, R. Dimentberg, T. Dionisopoulos, A. Dragomir, D.M. Eiley, A. El-Hakim, M.T. El-Sherbini, C. Emond, P. Ergina, N. Fahmy, J. Faria, G. Ghitulescu, H. Gill, K. Goulding, J. Grushka, O. Huk, S.A. Jacobson, P. Jarzem, R. Jednack, J. Johansson, W. Kassouf, E. Lee, E.M. Lenczner, M. Luc, K. MacKenzie, R.J. Marien, P. Martineau, K. Matthews, B. Mitmaker, E. Mitmaker, R.V. Moralejo, N. Morin, E. Moss, C. Mueller, P. Nault, O. Neel, D. Obrand, C. O'Flaherty, J.A. Ouellet, W. Parker, M. Petropavlovskaja, E. Quiros-Calinoiu, T. Razek, R. Reindl, J. Rodriguez, R. Salasidis, I. Shanfield, K. Shaw, H. Sinno, H.M. Shulman, C. Sirois, J. Spicer, B.L. Stein, F. Tremblay, T. Vanounou, C.-A. Vasilevsky, M. Volesky, M. Weber, S.A. Youssef, T. Zadeh, R. G. Zelt, G. Zogopoulos

Lecturers

K. Aikin, E. Bégin, J. Cohen, H. Daoud, R. Fenster, A.I. Jacobson, D. Kalogeropoulos, J.J. Klopfenstein, J. Lee, L. Lincoln, F. Ma, E. Martel, R.A.H. McLeod, J. Mijangos-Pelaez, M. Morelli, M. Nachabe, V.W. Papanastasiou, G.J. Pearl, C. Racicot, L. Rosen, N. Roy, J. Schwarz, P. Stephenson, J.D. Sullivan, J.R. Sutton, D. Tataryn, I.S. Weissglas, D.G. Wiltshire, C. Zalai

Associate Members

A.M. Ahmed, M. Alini, M. Cantarovich, J. Chen, F. Cury, P. Goldberg, A. Gursahaney, J. Henderson, R. Koenekoop, S. Komarova, J.-J. Lebrun, N. Makhoul, S. Mayrand, M. Monzur, L.A. Stein

Adjunct Professors

M. Aebi, M. Alini, M. Carmel, M. Ede Filho, D. Evans, A.M. Houle, T.H. Huynh, T. Koulis, R.R. Lett, S. Mahmud, J.L. Meakins, Y. Ponsot, M. Talbot, R. Tomlinson, S. Vobecky, D.R. Williams

Research Associate

M.C. San Gabriel

7 Scholarships, Bursaries, Loans, Prizes, and Medals

In order to enrich the learning experience for students, the Faculty of Medicine offers both needs- and merit-based scholarships, bursaries, loans, and prizes for students. The Faculty strongly encourages students to strive for excellence and to apply for funding that would enhance their education experience.



Note: The following scholarships, bursaries, awards, loans, prizes, and medals are subject to change. For further details, refer to each category's respective contact information.

- ***section 7.1: Admissions: Entrance Scholarships***

McGill offers some Entrance Scholarships annually to select first-year students based on academic merit. Certain scholarships are renewable annually for students who meet renewability criteria.

- ***section 7.2: Research Awards***

Research bursaries celebrate our students' achievements and allow students to establish themselves as innovative researchers. Bursaries are available to enable students to carry out research projects during their medical studies. These are awarded, on a competitive basis, in the Winter term and during summer vacation. Entrance scholarships are also available for students registered in the double programs: M.D.,C.M./M.B.A. and M.D.,C.M./Ph.D.

- ***section 7.3: Global Health and Travel Awards***

Generous donors have contributed to the global nature of medical innovation through the creation of numerous awards to facilitate students who wish to pursue research or clinical experience nationally and internationally.

- ***section 7.4: Needs-Based Scholarships, Bursaries, and Loans***

These funds are awarded to students in good academic standing who require financial support.

- ***section 7.5: Undergraduate Medicine Awards, Prizes, and Medals***

The Faculty of Medicine strives to commemorate students who demonstrate outstanding performance. Receipt is permanently recorded on the transcript of each recipient. This information is also included in the Medical Student Performance Record.

- ***Graduate Awards***

Please see the Graduate and Postdoctoral Studies website at www.mcgill.ca/gps/funding.

7.1 Admissions: Entrance Scholarships

For more information, contact admofficer.med@mcgill.ca.

Anjna and Jogindar Majhail Scholarship

Established in 2004 by Anjna Majhail, M.S.W.'72, in memory of her late husband Jogindar Majhail. Awarded by the Faculty of Medicine's Scholarship Committee to an outstanding student entering first year Medicine who demonstrates academic excellence. The scholarship is renewable for three years provided the holder maintains satisfactory academic standing.

Value: minimum \$5,000.

Class of Medicine 1985 Entrance Scholarship

Established in 2011 by the Class of Medicine 1985. Awarded, based on consideration of applicant's admissions file and submission of an invited supplemental essay, by the Faculty of Medicine to incoming students in the M.D.,C.M. program. Recipients will be selected by the "Widening Participation Committee" whose mandate is to promote diversity and equity in the classroom.

Value: varies.

David F. Claxton Entrance Scholarship

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

Value: \$4000.

Deschenes-Yee Class of Medicine 1990 Entrance Scholarship

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

Value: varies.

Dr. Graham Sommer International Scholarships in Medicine

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

Estimated value: \$15,000; renewable.

Dr. John G. Cassils Major Entrance Scholarship

Established in 2015 by Dr. John G. Cassils, B.Sc.'61, M.D.'66 (University of Alberta) for one or more students in the M.D.,C.M. program from indigenous communities in Canada on the basis of academic merit. Preference will be given to students of First Nations, Inuit or Métis heritage. Awarded by the Faculty of Medicine's Scholarships Committee on the recommendation of the Office of Admissions.

Value: varies.

Dr. John H. Burgess Distinguished Scholarship

Established in 2011 by John H Burgess, B.Sc.'54, M.D.,C.M.'58. Awarded by the Faculty of Medicine to one or more students from indigenous communities in Canada on the basis of academic merit, with preference given to students of Inuit, Métis or First Nations heritage or to one or more students nominated by the Widening Participation Committee that attends to diversity and equity in recruitment and admission to medicine at McGill University. For over three decades Dr. Burgess demonstrated his commitment to serving the Inuit in Canada's North as a consulting cardiologist. Dr. Burgess wishes to continue his legacy of service by supporting the training of future physicians from underserved regions in Canada.

Value: varies. May be renewed.

The Frederick Penton Loftus Lane Scholarship

Established in 2010 through the generous bequest of Esther M.E. Lane, in memory of her late husband, Frederick Penton Loftus Lane. Awarded on the basis of academic merit by the Faculty of Medicine to distinguished Canadian students entering the M.D.,C.M. program in the Faculty of Medicine.

Value: varies.

James Moses and Stella Frosst Alexander Scholarships

Established in 1992 to honour James Moses Alexander, a distinguished graduate of the Faculty of Medicine, McGill University (1934). Three scholarships are available each year for students with outstanding merit entering the four-year undergraduate program in the Faculty of Medicine. Awarded by the Faculty Scholarships Committee and renewable provided the holder maintains an academic standing satisfactory to the Committee.

Value: minimum \$7,000 each.

Jonathan Ballon Scholarships

Established in 1995 through generous gifts from friends and family to honour the memory of Jonathan Ballon, B.A.'47, M.D.'52, a distinguished graduate of McGill. Awarded to outstanding Canadian students entering the four-year Medical degree program or the joint M.D.,C.M.&Ph.D. or M.D.,C.M.&M.B.A. programs. While academic excellence is of primary importance, professionalism, compassion and demonstrated leadership in athletics or other student activities will be considered. Awarded by the Faculty of Medicine Scholarships Committee and renewable provided the holder maintains an academic standing satisfactory to the Committee.

Estimated value: \$6,500.

Livingstone-Friedman Scholarship in Medicine

Established in 2007 by Professors Sydney Friedman, B.A.'38, M.D.,C.M.'40, M.Sc.'41, Ph.D.'46, and Constance Friedman, B.Sc.'41, M.Sc.'42, Ph.D.'48. Awarded by the Faculty of Medicine to a student entering the M.D.,C.M. program; this scholarship is intended to encourage the student's fuller enjoyment of the cultural environment of the University and city.

Estimated value: \$5,000.

Marjorie Hampson Entrance Scholarship

Established in 2010 by Lawrence G. Hampson, B.Sc.'47, M.D.,C.M.'49, M.Sc.'53, Dip.Surgery'55, in memory of his wife Marjorie Hampson. It is awarded to an outstanding undergraduate student entering the Faculty of Medicine.

Value: varies.

Medicine Faculty Entrance Scholarship

Established through the generous donations of graduates and friends of McGill University's Faculty of Medicine, for distinguished students entering the McGill four-year undergraduate program.

Value: \$5000.

T.F. Rose Entrance Scholarship

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

Value: varies.

7.2 Research Awards

For more information, contact rbursary.med@mcgill.ca.

Barbara and Edward Victor Research Prize

Established in 2014 by Edward Victor, BCom'61, for an outstanding postdoctoral fellow conducting biomedical research in the Faculty of Medicine. Preference will be given to fellows conducting cardiovascular research. Awarded by the Faculty of Medicine to the highest ranked postdoctoral fellow participating in the Faculty of Medicine's Internal Postdoctoral Fellowship competition.

Value: \$3,000.

Barbara Usher Goldberg Research Bursary

Established in 2010 by Norman Goldberg, B.Sc.'55, M.D.,C.M.'59, in honour of his late wife, Barbara Usher Goldberg, B.A.'57, M.A.'59. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical or allied health students in the Faculty of Medicine at McGill University. Preference will be given to students conducting research on Alzheimer's Disease.

Chiang Family Research Bursary in Medicine

Established in 2010 by Dr. Patrick J W Chiang, M.D.,C.M.'65, and Mrs. Lee-Sen Chiang, B.Sc.'65. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical or allied health students in the Faculty of Medicine at McGill University.

Value: varies.

Clouston Memorial Scholarship

Endowed in 1986 by the family in memory of Dr. H.R. Clouston and his father, Dr. J. Clouston, both of Huntingdon, Quebec. Awarded by the Faculty Scholarships Committee to a medical student who undertakes a research project with preference to the field of genetics.

Value: varies.

Dr. Beiyun Chen & Dr. Zhi Li Biomedical Research Bursary

Established in 2016 by Dr. Beiyun Chen, Ph.D.(Pharmacology)'94 and Dr. Zhi Li, Ph.D.(Chemistry)'90. Awarded by the Faculty of Medicine to support one or more undergraduate B.Sc. students pursuing research in the Faculty of Medicine, with a focus on the fields of Anatomy and Cell Biology, Biochemistry, Microbiology, Pharmacology, and Physiology.

Value: varies.

Dr. Clarke K. McLeod Memorial Scholarship

Established in 1979 by a bequest from Dr. Clarke K. McLeod, M.D.,C.M.'27 to provide scholarships for undergraduate medical students.

Dr. Harry I. Cramer Research Scholarship

Established in 2009 by the generous bequest of the late Harry I. Cramer, B.Com.'33, in honour of his late cousin, Dr. Harry I. Cramer, B.Sc.'34, M.D.'37, to support students in the Faculty of Medicine conducting research in the areas of oncology or diabetes through the Research Bursary Program.

Dr. 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. Raymond and Mrs. Leora Kahn Research Bursary in Memory of Mrs. Marion Kahn

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

Drs. Annalee & Mark Abelson Travel Fund in Medicine

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

Ettie Israel Bennett Award

Summer Research Bursary recipients are eligible to receive the Ettie Israel Bennett Award. Awarded to a deserving student whose work is judged to be excellent by the Student Research Committee.

George and Muriel Graham Undergraduate Research Bursary

Established in 2015 by Mary F. Graham, M.D.,C.M. in memory of her in-laws. Awarded by the Faculty of Medicine's Scholarships Committee to a M.D.,C.M. student in the Faculty of Medicine who participates in a research project at McGill University. Preference will be given to students pursuing research within the field of neuroscience.

Value: \$3,000.

George Corcoran Scholarship

Established by a bequest from Emily Jones Corcoran in memory of her husband. Awarded by the Faculty of Medicine Scholarships Committee to students in the undergraduate medical program with preference to students registered in the M.D.,C.M.&Ph.D. program.

Value: varies.

Harold and Rhea Pugash Research Bursary

Established in 2011 by Eric S. Pugash, M.D.,C.M.'79, F.R.C.S.(C), in honour and memory of Harold H. Pugash, BA'49 and Rhea D. Pugash, Dipl.(P.T.)'51, both of whom greatly valued education and demonstrated the qualities of achievement, honesty and sense of humour. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical students in the Faculty of Medicine at McGill University.

Harry Shankman Scholarships

A bequest from the late Annette Shankman Rieder in honour of her brother Harry Shankman, M.D., provides annual scholarships for meritorious medical students in the M.D.,C.M.&Ph.D. program. Awarded by the Faculty of Medicine Scholarships Committee, on the recommendation of the M.D., C.M.&Ph.D. Program director.

Value: varies.

Hilton J. McKeown Scholarships

Established by a bequest from Hilton J. McKeown, M.D. 1927, to the Friends of McGill to provide financial support to students in the Faculty of Medicine. Awards are granted on the basis of academic achievement and the value of each award will depend upon financial need and other awards held. Preference will be given to students in the M.D.,C.M.&Ph.D. program. Awarded by the Faculty of Medicine.

Value: varies.

Ivan Racheff Scholarships

Established in 1986 to be awarded by the Faculty Student Research Committee to medical students who demonstrate an interest in research in public health and/or the effects of pollution or pollutants on the human body.

J. Warren Harthorne Summer Research Bursary

Established in 2015 by J. Warren Harthorne, M.D.,C.M.'57, to recognize and promote research activities of undergraduate medical students pursuing research in the Faculty of Medicine. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical students in the Faculty of Medicine at McGill University.

Value: varies.

James O. Meadows and Maria Meadows Awards

Income from a bequest from the late Dame Maria Cowan Meadows provides awards for undergraduate students in the Faculty of Medicine who are engaged in research. Preference is given to candidates working in cancer research but worthy candidates in other areas of medical or surgical research are also considered. Application is made to the Dean of the Faculty of Medicine.

John H. Altshuler Research Award In Pathology or Dermatology or Hematology

Established in 2006 by David Altshuler and the Altshuler Family in memory of his late father John H. Altshuler, B.Sc.'55, M.D.,C.M.'59. Awarded annually by the Faculty of Medicine's Student Research Committee to a medical student in the Faculty of Medicine who participates in a research project at McGill University. Preference will be given to students pursuing research within the fields of Pathology, Dermatology or Hematology.

Estimated value: \$3,000.

Judith Anne Wright Litvack Bursaries

Bequeathed in 1999 by Judith Litvack to support the research bursary program for students in the Faculty of Medicine. The research projects supported are to be in cancer and the disorder anxiety. One or more bursaries in each of the two research committees.

Value: varies.

Kevric Summer Research Bursaries

Established in 2009 by Richard Hylands, B.Com.'80. Awarded by the Faculty of Medicine's Student Research Committee to one or more undergraduate students in the M.D.,C.M. program in the Faculty of Medicine at McGill University.

Leslie Gin Foo and Sophie Pui Woon Woo Research Bursary

Established in 2015 by Anna Woo, M.D.,C.M.'92, in honour of her parents, Leslie Gin Foo and Sophie Pui Woon Woo, who came to Canada in search of a better life for their family and proudly witnessed all four of their children graduate from McGill University. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical students in the Faculty of Medicine pursuing research.

Value: varies.

Mach-Gaensslen Foundation of Canada Student Grant

Summer research bursary awarded to at least four medical students in the fields of oncology, cardiology, and psychiatry.

Madhu Bala Dhawan Bursary for Research in Palliative Care or Cancer

Established in 2000 by Dr. K.C. Dhawan in memory of his wife. Awarded annually by the Faculty of Medicine Student Research Committee to a medical or allied health professional student who participates in a research project in either palliative care or cancer research at McGill University.

McEntyre Research Bursary

Established in 2003 by David McEntyre, B.Com.'67, an active volunteer and supporter of McGill University and the Montreal Children's Hospital. Awarded by the Faculty of Medicine to students to support their participation in research projects at the Montreal Children's Hospital. Open to students in the M.D.,C.M., Nursing, and P&OT programs.

Value: varies.

Medical Class of 1961 Summer Research Bursary

Awarded annually to a student in the Faculty of Medicine. This research bursary provides in-course undergraduate students with an opportunity to gain valuable hands-on experience working in a biomedical research environment for those who are interested in pursuing this important aspect of medical work. For two months during the summer term each year, the students will work full-time on hypothesis-driven projects, alongside clinical and fundamental scientists. Awarded on the basis of academic merit and may be designated toward a specific discipline in health sciences.

Value: varies.

Medical Class of 1964 Summer Research Bursary

Established in 2015 by the Medical Class of 1964 on the occasion of their 50th anniversary reunion. Awarded by the Faculty of Medicine's Student Research Committee to support one or more students in the M.D.,C.M. program pursuing research during the summer in the Faculty of Medicine.

Value: varies.

Medical Class of 1980 Research Bursary

Established in 2016 by the Medical Class of 1980 on the occasion of their 35th anniversary reunion and in memory of their classmate Dr. Martha Jane Poulson, M.D.,C.M.'80. Awarded by the Faculty of Medicine's Student Research Committee to support one or more students in the M.D.,C.M. program pursuing research in the Faculty of Medicine.

Value: varies.

Medical Class of 1989 Research Bursary

Established in 2016 by the Medical Class of 1989 on the occasion of their 25th anniversary reunion. Awarded by the Faculty of Medicine's Student Research Committee to support one or more students in the M.D.,C.M. program pursuing research in the Faculty of Medicine.

Value: varies.

Michael B. and Mary Elizabeth Wood Summer Research Bursary

Established in 2015 by Michael B. Wood, M.D.,C.M.'69. Awarded by the Faculty of Medicine's Student Research Committee to support one or more students in the M.D.,C.M. program pursuing research during the summer in the Faculty of Medicine.

Value: varies.

Mr. & Mrs. John Henry Collins Memorial Bursary

Endowed in 1986 by a bequest from Mrs. John Henry Collins to assist students in conducting medical research. Awarded by the Faculty Student Research Committee.

Murray R. Stalker Primary Care Research Bursary

Established in 2007 by Dr. Merrill Stalker, B.Sc.'47, M.D.,C.M.'51 in memory of his father, Murray R. Stalker, M.D.,C.M.'24, who was one of the principal founders of the College of Family Physicians of Canada. Awarded by the Faculty of Medicine's Student Research Committee to an undergraduate or graduate student in the medical or allied health programs with a preference to students who undertake research in primary care within the McGill University Academic Health Network.

Robert Courey Research Bursary

Established in 2015 by Robert Courey, B.Sc.'66, M.D.,C.M.'68. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical students in the Faculty of Medicine pursuing research.

Value: varies.

Ron and Marcy Prussick Research Bursary

Established in 2012, by Ron Prussick, B.Sc.'83, M.D.,C.M.'87, and his wife, Marcy Prussick, LL.B.'87, in the interests of nurturing a life-long interest in research for medical students. Awarded by the Faculty of Medicine's Student Research Committee to medical students in the Faculty of Medicine at McGill University.

Rose Mamelak Johnstone Research Bursary

Established in 2013 by Michael Johnstone, M.D.,C.M.'79 in memory of his mother, Rose Mamelak Johnstone, Ph.D., F.R.S.C., first female Chair of the Department of Biochemistry from 1980–1990. Awarded by the Associate Dean, Biomedical B.Sc., Graduate and Postdoctoral Affairs, together with the Chair of the Department of Biochemistry of the Faculty of Medicine to one or more students conducting research in the Department of Biochemistry at McGill University. Preference will be given to female students.

Value: varies.

Rose Schwarz - Helen Marcus Bursary

Established by the family and friends of the late Rose Schwarz and the late Helen Marcus. To assist a needy, deserving student engaged in summer work in cancer research.

Sir Edward W. Beatty Memorial Scholarships for Medical Students

Income from a bequest of \$100,000 from the late Dr. Henry Albert Beatty provides scholarships for undergraduate and graduate students in the Faculty of Medicine. For students who hold or are working towards the McGill M.D.,C.M., the award may be held at any approved institution in Canada or abroad. For other qualified students, the award must be held at McGill. The holder is expected to devote the year of tenure either to research or to some form of special training excluding the normal training towards the M.D.,C.M. and excluding any of the years of residency training required in the Diploma courses.

Theresa McLoud Student Research Bursary

Established in 2015 by Theresea McLoud, M.D.,C.M.'68, to recognize and promote research activities of undergraduate medical students pursuing research in the Faculty of Medicine. Awarded by the Faculty of Medicine's Student Research Committee to one or more medical students in the Faculty of Medicine at McGill University.

Value: varies.

Through summer of 2020.

Victor Dzau and Ruth Cooper-Dzau Research Bursary

Established by Dr. Victor Dzau, B.Sc.'68, M.D.,C.M.'72, and Ruth Cooper-Dzau, B.Phys.Ther.'72, to support undergraduate students in the Faculty of Medicine conducting research under the guidance of a professor during the summer months. Awarded annually by the office of the Associate Dean, Graduate Studies and Research Office, of the Faculty of Medicine to undergraduate students in their 1st or 2nd year of a four-year medical or nursing or physical and occupational therapy degree program. Preference will be given to medical students.

Value: minimum \$3,000; may be divided to fund more than one student.

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.

The Ashworth Student Travel Award

Established by M. Anthony Ashworth M.D.,C.M. 1961 and family to honour the late Dorothy and William Ashworth of Montreal, the award(s) will support medical students conducting their elective clinical clerkship in remote regions in Canada or in a developing country. As a result of his many trips to the James Bay region, Dr. Ashworth believed that practising with limited technology made the physician a better clinician. It is hoped that those who benefit from these awards make aid to underserved areas of the world a part of their future responsibility. Awarded by the Faculty of Medicine upon the recommendation of the Director of the Global Health Program. Two awards will be disbursed in each application round.

Value: varies.

Cavazzoni Family Undergraduate Global Health Award

Established in 2015 by Patrizia Adele Cavazzoni, M.D.,C.M. 1987, for three to five outstanding undergraduate students at McGill University undertaking a mentored research project including an international component with McGill Global Health Programs. Awarded by the Faculty of Medicine upon recommendation of the Director of Global Health Programs.

Value: varies.

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. 1962, 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.

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

Established in 2015 by Elaine E.L. Wang, M.D.,C.M. 1977, 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.

The Mary A. Metcalf International Travel Fund

The Mary A. Metcalf International Travel Fund is designated to support international research of undergraduate students, graduate students, and post-graduate medical residents within the Faculty of Medicine. Elective, research project or community service program must be at least four weeks. Its intent is to promote the training of health care workers and researchers to combat global health disparities, by supporting students to work with underserved populations in resource limited settings.

Value: varies.

The Medical Class of '65 Student Bursary

Established in May 2000 by the Class of Medicine 1965 in appreciation of the education they received at McGill. Funds will be used to allow medical students to pursue research or clinical electives overseas. One bursary will be awarded in each application round.

Value: varies.

The Medical Class of '84 Student Bursary

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

Value: varies.

OMAF Travel Award

The Osler Medical Aid Foundation 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.

7.4 Needs-Based Scholarships, Bursaries, and Loans

7.4.1 Scholarships and Bursaries

For more information, contact student.aid@mcgill.ca.

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. 1973, M.D.,C.M. 1975. 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. 1972. Awarded by the Scholarships and Student Aid Office to full-time undergraduate students entering the Faculty of Medicine, M.D.,C.M. program, on the basis of demonstrated financial need and academic achievement.

Estimated value: \$5,000; renewable.

Annie Diamond Bursaries

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

Bellam Memorial Bursaries

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

Beverley Cooner Bursary

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

Bruce and Muriel Kelly Memorial Bursary

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

Bruce Smith Bursary Fund

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

Campbell Keenan Memorial Scholarship

Established by the late Miss Charlotte Mildred Hagar in memory of the late Dr. Campbell B. Keenan. Tenable in the second, third, or fourth year; and awarded on the basis of distinguished academic standing and financial need to an applicant who intends to enter surgical practice. The recipient in any session may reapply for the following year.

Chancellor Ferrier Memorial Bursary

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

Charles James and Frances A. Snow Memorial Bursary

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

Class of Medicine 1943B Bursary

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

Class of Medicine 1953 Bursary

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

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

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

Class of Medicine 1959 Scholarship

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

Class of Medicine 1963 Scholarship

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

Class of Medicine 1964 Bursary

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

Class of Medicine 1967 Bursary

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

Class of Medicine 1972 Bursary

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

Class of Medicine 1978 Bursary

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

Class of Medicine 1979 Bursary

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

Class of Medicine 1981 Bursary

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

Class of Medicine 1983 Bursary

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

Class of Medicine 1987 Bursary

Established in 2014 by the Class of Medicine 1987 on the occasion of their 25th Anniversary reunion, to honour the memory of their classmates: William Herman DeLong, M.D.,C.M. 1987, Settimio Di Cori, B.Sc. 1983, M.D.,C.M. 1987, Richard Douglas Kohn, M.D.,C.M. 1987, Ian Michael Rubins, B.Sc. 1983, M.D.,C.M. 1987, M.Sc. 1992, Stacey Ann Schwartz, M.D.,C.M. 1987, and Kenneth McNeill Wright, B.Sc. 1983, M.D.,C.M. 1987. 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.

David G. Guthrie Major Bursaries in Medicine

Established in 2008 by David G. Guthrie, B.Sc. 1943, M.D.,C.M. 1944. 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. 1964. 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. David Cynberg Memorial Bursary

Established in 2015 through the generous bequest of Renata Zenwirt-Cynberg, for undergraduate and graduate students enrolled in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of demonstrated financial need and academic standing.

Dr. David M. and Donalda L. Harvey Scholarship

Established in 1995 by Dr. David M. Harvey M.D. 1955, and his wife Donalda L., to support medical students based on academic standing and demonstrated financial need. The scholarship is tenable in any year and may be renewed. Awarded by the Scholarships and Student Aid Office.

Value: varies.

Dr. David T.W. Lin Foundation Scholarship

Established in 1993 in honour of Dr. David T.W. Lin, B.Sc. 1937, M.D. 1940, O.C., Surgeon Emeritus at the Royal Victoria Hospital, Honorary President of the Montreal Chinese Hospital and a leader in the Chinese community. Awarded by the Scholarships and Student Aid Office to a medical student on the basis of academic achievement and demonstrated need. Preference will be given to students of Chinese origin.

Dr. E.M. Fisher Memorial Scholarship

Available to any medical undergraduate student and awarded by the Scholarships and Student Aid Office.

Dr. Elfric D. Brown Bursary in Medicine

Established in 1973 by a bequest from the late Elfric D. Brown, M.D.,C.M. The income provides bursaries to help deserving students in the Faculty of medicine.

Value: varies.

Dr. Harold N. Lynge Bursaries

Established in 2004 by Dr. Harold N. Lynge, M.D.,C.M. 1949, for one or more undergraduate medical students in good academic standing in the Faculty of Medicine who demonstrate financial need. Awarded by the Scholarships and Student Aid Office on the basis of financial need.

Dr. Henry Kenneth Neilson Bursary

Established in 1986 to be used to further the education of worthy medical students. Awarded by the Scholarships and Student Aid Office on the basis of academic standing and financial need.

Dr. J. Robert Bowen and Veronica A. Bowen Bursary

Established in 2009 through the estate of the late J. Robert Bowen, M.D.,C.M. 1945. Awarded by the Scholarships and Student Aid Office to students in the Faculty of Medicine on the basis of financial need and good academic standing.

Dr. J.H.B. Allan Scholarships

Available to undergraduate medical students in any year. Awarded by the Scholarships and Student Aid Office.

Dr. Jacob C. Schwartzman Scholarship

Established in 1983 by Helaine Livingstone, B.A. 1960, in memory of her father, Dr. Jacob C. Schwartzman, M.D.,C.M. 1927. To be awarded to a student in the Faculty of Medicine on the basis of academic standing and financial need. Candidates must be Canadian or Permanent Residents.

Dr. Maude E. Seymour Abbott Scholarships

Established in 1938 in honour of the late Maude E. Abbott, B.A., M.D., F.R.C.P.(Canada), LL.D.(McGill), to commemorate her distinguished work in connection with the history of Canadian medicine, the Sir William Osler Pathological Collection, and her outstanding research in congenital cardiac disease. Awarded by the Scholarships and Student Aid Office to undergraduate medical students on the basis of academic standing and financial need.

Dr. Maurice Brodie Memorial Scholarship

Established in 1993 by Edna S. Brodie in memory of her husband, Dr. Maurice Brodie, M.D. 1928. Awarded on the basis of academic standing and financial need by the Scholarships and Student Aid Office to undergraduate students in the Faculty of Medicine.

Dr. Milton C. and Nina E. Wilson Award

Established in 1970 by a bequest from the late Milton C. Wilson. The annual income provides support for Undergraduate or Postgraduate students in the Faculty of Medicine who are in financial need.

Dr. Paul Sohi Bursary

Established in 2013 by Paul Singh Sohi, M.D.,C.M. 1988, for full-time undergraduate students in their final year of the M.D.,C.M. program. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

Dr. Richard and Mrs. Polly Valeriotte Medical Students Support Bursary

Established in 2011 by Richard Valeriotte, B.Sc. 1952, M.D.,C.M. 1957, and Polly Valeriotte, B.A. 1953, for one or more undergraduate students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

Dr. Stanley L. Eidinger Memorial Bursary

Established in 2013 by family and friends of Stanley L. Eidinger, B.A. 1943, M.D.,C.M. 1949. Awarded by the Scholarships and Student Aid Office to one or more full-time students in the Faculty of Medicine on the basis of good academic standing and demonstrated financial need.

Dr. W.B. and Dr. M.H. Chung Entrance Bursaries in Medicine

Established in 2006 by Dr. Wallace B. Chung, M.D. 1953, and his wife, Dr. Madeline H. Chung. Awarded by the Scholarships and Student Aid Office to full-time undergraduate students entering the Faculty of Medicine, M.D.,C.M. program, on the basis of demonstrated financial need and academic achievement.

Estimated value: \$5,000; renewable.

Eva and Maurice Posternack Bursary in Medicine

Established in 2013 by Charles Posternack, B.Sc. 1977, M.D.,C.M. 1981, in loving memory of his parents, Eva and Maurice Posternack. Awarded by the Scholarships and Student Aid Office to students enrolled in the Faculty of Medicine who demonstrate financial need, are in good academic standing, and are paying the international tuition fee rate. Preference will be given to American citizens.

Faculty of Medicine Bursary Fund

Established in 1992 by the University to provide assistance to students in the Faculty of Medicine. Awards are granted on the basis of academic standing and financial need.

Frederick Penton Loftus Lane Bursary Fund

Established in 1979 by a bequest from Esther M.E. Lane. Awarded by the Scholarships and Student Aid Office to undergraduate medical students on the basis of academic standing and financial need.

Frieda and Carl A. Bodensieck Memorial Bursary

Established in 1998 by a bequest from Frieda Taylor Emmett to assist students in the pursuit of studies in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office.

G. Sheldon Rothwell and Robert S. Rothwell Bursaries

Established in 2007 by Robert S. Rothwell, M.D.,C.M. 1971, in memory of his father G. Sheldon Rothwell, M.D.,C.M. 1937, for one or more students. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and financial need. Preference is to be given to M.D.,C.M. students but Med-P students are also eligible for this award.

George Lyman Masten Scholarships

Established in 2000 through a bequest by Charles H. Masten, M.D.,C.M. 1893. Awarded by the Scholarships and Student Aid Office to students in the Faculty of Medicine, with a preference to candidates born or educated in the counties of St. Johns or Stanstead, Quebec, to provide need-based scholarships for meritorious and needy students.

George Wior Foundation Bursaries

Three bursaries in the amount of \$2,500 each, awarded annually to students in financial need with good academic standing. One bursary to a student in each of second, third and fourth year of the M.D.,C.M. program. The bursary is renewable only if academic standing is maintained.

Gustav Levinschi Scholarship

Endowed in 1986 for needy medical students requiring assistance in the pursuit of their studies. Awarded by the Scholarships and Student Aid Office.

H.E. Herschorn Bursary

Established under the will of the late H.E. Herschorn, N.P., B.A. 1911, B.C.L. 1914, for a deserving student, studying for the B.Sc., B.A., M.D.,C.M., LL.B., or B.C.L. degree in the intermediate or any subsequent year of the course.

Heller Family Entrance Scholarship

Established in 2007 by William Jacob Heller, B.Com. 1978. Awarded by the Scholarships and Student Aid Office on the basis of demonstrated financial need and academic standing to full-time undergraduate degree students entering the Faculties of Medicine, Management and Arts. Estimated value: \$5,000 each; renewable.

Hyman Druckman Bursary

Established in 1998 by a bequest from Hyman Druckman. Awarded by the Scholarships and Student Aid Office to deserving students in the Faculty of Medicine with financial need.

Ives Scholarship

Established in 1967 by a bequest of David Fraser Murray, M.D.,C.M. 1924. Awarded by the Scholarships and Student Aid Office on the basis of financial need with preference given to students from Nova Scotia, New Brunswick or Prince Edward Island.

J. Alexander Hutchison Bursaries

Established in 2007 by J. Lawrence Hutchison, B.Sc. 1949, M.D.,C.M. 1953, Dip. Int. Med. 1958, 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. 1955, M.D.,C.M. 1959, and Barbara Altshuler, DIP. P.Th. 1958. 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. 1957, M.D.,C.M. 1961, 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.

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.

Marjorie Hampson Bursaries

Established in 2005 by Lawrence G. Hampson, B.Sc. 1947, M.D.,C.M. 1949, M.Sc. 1953, Dip. Surgery 1955, 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. 1992, 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. 1980. 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. 1938. 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. 1966, 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. 1932, 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. 1948, M.Sc. 1950. Awarded by the Scholarships and Student Aid Office to first-year students in the Faculty of Medicine on the basis of academic standing and financial need. Preference will be given to women.

Nat Christie Scholarships

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

Value: minimum \$1,200.

Phyllis Aida Daly du Fresne Kennedy Memorial Bursary

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

R.E. Powell Bursary Fund

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

Reuben Ross Memorial Award

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

Richard Mackler Major Entrance Bursary

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

Estimated value: \$5,000.

Robert Rolf Struthers Bursary

The income from a bequest of Robert Rolf Struthers (Medicine 1918) provides support for a needy Canadian student entering third-year Medicine. Awarded by the Scholarships and Student Aid Office.

Robert Sharwood Memorial Scholarship

Tenable in any year of the undergraduate course in Medicine. It is awarded by the Scholarships and Student Aid Office on the basis of distinguished academic standing and financial need.

Rubin Becker Bursary

Established in 2013 by Salvatore Guerrero and other grateful patients, in honour of Rubin Becker, B.Sc. 1972, M.D.,C.M. 1976, to support one or more full-time students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

Samuel Eidlow Memorial Bursary

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

Samuel Rosenfeld Bursary

Established by Ida Rosenfeld Letovsky in memory of her late husband, Samuel Rosenfeld, to support worthy undergraduate medical students. Awarded by the Scholarships and Student Aid Office.

School of Nursing Bursary Fund

Established in 1992 by the University to provide assistance to students in the School of Nursing. Awards are granted on the basis of academic standing and financial need.

Value: varies.

Shirley Auld Bursaries

Established in 2007 by Dr. Peter Auld, M.D.,C.M. 1952, in memory and in honour of his late wife, Shirley Auld. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program on the basis of financial need.

Simon And Rosalie Halpern Memorial Scholarship

Established by the late Dr. Fanny G. Halpern in memory of her parents. Awarded by the Scholarships and Student Aid Office to medical students of the Roman Catholic or Jewish faith who have distinguished academic standing and financial need.

Solomon David Sacks Bursary

Established in 1973 by Mr. and Mrs. Issie Sacks in memory of their son, to assist a deserving medical student in financial need. Awarded by the Scholarships and Student Aid Office.

Sydney Blidner Memorial Scholarship

Established in 1996 by a bequest of the late Pauline Blidner Krupp in memory of her brother. Awarded by the Scholarships and Student Aid Office to worthy undergraduate students in any year in the Faculty of Medicine on the basis of academic standing and financial need.

Tannenbaum Entrance Bursary

Established in 2009 through the generous bequest of Mr. Hyman O. Tannenbaum to assist students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office to one or more students on the basis of financial need and good academic standing.

Estimated value: \$5,000.

T. F. Rose Bursary

Established in 2010 through the generous bequest of Sylvia Rose, honouring the wishes of her late husband, T.F. Rose, M.D.,C.M. 1943, for undergraduate students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

Walter J. Hoare Memorial Scholarship

Endowed by the late Dr. Charles W. Hoare, a graduate of McGill University, in memory of his son, Walter J. Hoare, who was killed in World War I. Preference is given to graduates of the Collegiate Institutes of the counties of Essex, Kent and Lambton entering the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office.

Winnifred And James Fergus Memorial Bursary

Established in 2012 by Evelyn Fergus, in memory of her parents, Winnifred and James Fergus, for one or more students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

Value: varies.

7.4.2 Loan Funds**Alec and Sylvia Dollin Loan Fund**

Established in 1965 by Mr. Alec Dollin to provide loans for medical students.

Boright Loan Fund

Established in 1963 by a bequest from the late George H. Boright to provide loans to deserving medical students.

Boswell James Loan Fund

Established in 1943 by Dr. A. Boswell James to provide loans for undergraduates and graduate medical students.

Clement C. Clay Memorial Loan Fund

Established in 1985 by a bequest from Clement C. Clay, M.D. 1932, to provide loan assistance for students born in the United States who are registered in the Faculty of Medicine.

David M. Caldwell Student Loan Fund

Established in 1973 by a bequest from the late David M. Caldwell, M.D. 1919, to assist students in the Faculty of Medicine, with preference to American students.

George W. Merck Memorial Loan Fund

Established in 1960 by the Merck Company Foundation to provide loans for undergraduate medical students, interns, and residents.

Gertrude Mudge Memorial Student Aid Fund

Established in 1958 by donations from students, graduates, and staff in memory of the late Gertrude Mudge, for many years Assistant Secretary of the Faculty of Medicine. Available to medical students. Loans shall not exceed the fees for the year.

Kellogg Loan Fund

Established by the Kellogg Foundation. Available to students in good standing and with financial need.

Lacey Loan Fund

Established in 1962 by a donation from Mrs. Herbert Van Devanter Lacey of Cheyenne, Wyoming, primarily to aid medical students from the State of Wyoming. It may however be extended to others in accordance with the following priorities: dental students from Wyoming; medical students from other states of the U.S.A.; medical students from other countries. Loans are not to exceed \$2,000 per year.

Weston Fay Volberg Jr. Memorial Loan Fund

Established in 1956 by classmates of the late Weston Fay Volberg Jr., M.D.,C.M. 1953. It is available to medical students.

7.5 Undergraduate Medicine Awards, Prizes, and Medals

For more information, contact studentrecords.med@mcgill.ca.

7.5.1 YEAR 1: FMD 1

David Williams Leadership Award

Established in 2012 by David Williams, B.Sc.'76, M.Sc.'83, M.D.,C.M.'83, D.Sc.'07, to recognize one or more medical students in their first or second year of the M.D.,C.M. program who have exemplified principles of leadership; setting direction, motivating people and modeling the way. Preference will be given to students involved in the following areas: community outreach, education, research or student life. Awarded by the Faculty of Medicine. Value: varies.

Epidemiology Book Prize

Awarded to the student who obtains the highest standing in the Molecules to Global Health course.

Value: varies.

F. Slater Jackson Prize

Founded by Mr. and Mrs. H.F. Jackson in memory of their son, the late F. Slater Jackson, M.D. Awarded to the student with the highest standing in the Molecules to Global Health course.

Value: varies.

James Q. Bliss Annual Book Award

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

Value: varies.

Joseph Hils Prize

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

Value: varies.

Mary and Louis Streicher Prize

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

Value: varies.

Samuel Rosenfeld Prize

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

Value: varies.

Shirley Nancy Endman Prize

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

Value: varies.

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

Established in 1991, in memory of Dr. Carlo Bos, a humane and respected psychiatrist who taught a multitude of medical students at the Allan Memorial Institute. Awarded on the recommendation of the Physicianship Coordinating Committee to the student who, in the Physicianship 2 course, has demonstrated the greatest proficiency in communication skills preparatory to the practice of medicine.

Estimated value: \$200.

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

Awarded 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, 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 component.

Value: varies.

Christine Hwang Leadership Award

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

Value: varies.

Class of Medicine 1988 Community Health Alliance Project (CHAP) Prize

Established in 2014 by the Class of Medicine 1988 in honour of their 25th anniversary of graduation, to recognize one or more medical students in their second year of the M.D.,C.M. program. The Prize will be awarded to those who have undertaken the best community project within the Community Health Alliance Project (CHAP), with a view to affecting positive change in the society. Awarded on an annual basis by the Faculty of Medicine on the basis of merit.

Value: varies.

Harry S. Gross Memorial Prize

Bequeathed by the late Mrs. Esther B. Gross in memory of her late husband, Harry S. Gross, D.D.S. 1913, M.D.,C.M. 1921. Awarded to the student with the highest standing in the Transition to Clinical Practice Surgery course.

Value: varies.

Mr. and Mrs. J.A. Besner Prize

Awarded to the student obtaining the highest standing in the Transition to Clinical Practice – Medicine course.

Value: varies.

7.5.4 YEAR 3**Albert William Fulton Scholarship in Medicine**

Established in 2013 through the generous bequest of the late Emily Tatiana Fulton, in memory of her husband, Albert William Fulton, B.A.'58, whose love and appreciation of history and teaching enriched his life. Awarded by the Faculty of Medicine to an outstanding student enrolled in the full-time undergraduate, M.D.,C.M. program on the basis of academic merit. Preference will be given to Canadian students.

Value: varies.

Goodwin Prize in Forensic Medicine

Established in 1953, awarded annually to a third year student enrolled in the "Formation of the Healer and Professional" course who writes the best essay in response to topics given for the end of the year assignment. The students will be instructed that the essay should represent the integration of concepts taught in the course along with their own personal experiences and observations in the clinical practice during clerkship.

Value: minimum \$1,500.

Winifred Margaret Ross Prize in Palliative Care

Established in 2009 through the estate of Winifred Margaret Ross, M.Sc.'48, M.D.,C.M.'52. Awarded by the Faculty of Medicine for the best essay written in the field of palliative care to one student in their third year and one student in their fourth year of the M.D.,C.M. program.

Estimated value: \$1,500 each.

7.5.5 YEAR 4: Graduation**Abdul K.I. and Zai Razack Memorial Medical Student Prize for Social Justice in Medicine**

Established in 2012 by Dr. Saleem Razack, a faculty member, for outstanding graduating medical students who have demonstrated a commitment to addressing the health care concerns of local identified vulnerable and marginalized populations through either research or advocacy during medical school. Awarded by the Faculty of Medicine.

Value: varies.

Alexander D. Stewart Prize

Founded by the late W. Grant Stewart (Arts, 1885; Medicine, 1888) in memory of his brother, the late Alexander D. Stewart (Medicine, 1888). Awarded to the member of the graduating class who, in the opinion of the Faculty, presents in every aspect the highest qualifications to practise the profession.

Value: varies.

Brian Newton Memorial Award

Established by the Class of Medicine 1985, in appreciation for the education they received at McGill, and in memory of their fellow classmate Brian Newton, B.Sc.'81, M.D.,C.M.'85. Awarded by the Faculty of Medicine's Committee on Student Promotions and Curricular Outcomes to the student who obtains the highest standing in the Obstetrics and Gynecology clerkship.

Estimated value: \$2,500.

Dr. Allen Spanier Prize for Professionalism in Medicine

Established in 1999 by Beverly Spanier, B.A.'67 to honour the memory of her brother Dr. Allen Spanier, M.D.,C.M.'72. Dr. Spanier was chief of the Intensive Care Unit at the Jewish General Hospital for 21 years. Awarded annually by the Faculty of Medicine to a graduating student who has maintained high academic standing and exhibited a high standard of professionalism and compassion towards patients, their families, fellow students, and University

and hospital staff during the Practice of Medicine component of the curriculum. In case of equally meritorious candidates, financial need will be used to determine the recipient.

Minimum value: \$500.

Dr. Joseph Tanzman Award

Established in 1975 in honour of Dr. Joseph Tanzman, M.D.'27. Awarded to a medical student in any given year from the Province of New Brunswick, as a preference. If in any year no such candidate is available, the award may be made to any deserving student in the Faculty of Science. Awarded by the Scholarships Committee of the Faculty of Medicine or the Faculty of Science as the case may be.

Dr. Mark Cohen Prize in Ophthalmology

Established in 2009 by Mark Cohen, M.D.,C.M.'92. Awarded annually by the Faculty of Medicine to a graduating student who has completed the M.D.,C.M. program with strong academic standing and who will be pursuing a residency in a Canadian ophthalmology post-graduate training program. Value: varies.

E. David Sherman Award in Geriatric Medicine

Awarded to the most outstanding student in the field of clinical geriatric medicine. Awarded by the Faculty of Medicine Scholarships Committee. Value: minimum \$1,500.

Elaine E.L. Wang M.D.,C.M. Humanitarian Prize

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

Elizabeth Ann Munro Gordon Prize

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

H.S. Birkett Memorial Prize in Otolaryngology

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

J. Francis Williams Prize in Medicine and Clinical Medicine

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

John H. Altshuler Prize in Family Medicine

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

Keenan Memorial Prize in Clinical Surgery

Established by the late Miss Charlotte Mildred Hagar in memory of the late Dr. Campbell B. Keenan. The prize will be awarded to the student in the graduating class who has shown the highest proficiency in Clinical Surgery as determined by the Chairman of the Department of Surgery. The winner of the Robert Forsyth Prize is ineligible for this award. Value: \$200.

McGill Alumnae Society Prize

Presented upon graduation to a distinguished student for excellence and high academic standing. Preference given to women students. Value: varies.

Mona Bronfman Sheckman Prize

Established in 1953. Awarded annually to a fourth year student in the Faculty of Medicine for the highest standing in Psychiatry. Value: minimum \$1,250.

Montreal Children's Hospital Student Prize for Pediatrics Excellence

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

Newell W. Philpott Award

Established in 1986 by the Department of Obstetrics and Gynecology in honour of Newell W. Philpott, M.D.'26, Chairman of the Department from 1943 to 1956. This award is to commemorate Dr. Philpott's excellence as a teacher of medical students and residents as well as his many contributions in the

field and to the Department of Obstetrics and Gynecology. Awarded to a graduating student for academic achievement and clinical excellence on the recommendation of the Department.

Value: \$500.

Psychiatry Prize

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

Value: varies.

Reilly Madsen Prize

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

Value: \$600.

Robert Forsyth Prize

Bequeathed by the late Miss Jeanie Forsyth, awarded annually to the graduating student who has shown particular ability in all branches of Surgery.

Value: varies.

Ronald Douglas Naymark Award

Established by the Medical Class of 1984 in memory of Ronald Douglas Naymark, B.Sc., M.D.,C.M. (McGill), this award is given to that member of the graduating class who most enriches the life of the class in the eyes of his or her peers. The award seeks to recognize an individual who inspires trust and confidence, optimism and enthusiasm in his or her medical colleagues. The individual is a participant in class activities and is in satisfactory academic standing.

Estimated value: \$500.

Scriver-Steinberg Convocation Prize in Human Genetics and Metabolism

Established in 2013 by Charles R. Scriver, B.A.'51, M.D.,C.M.'55, D.Sc.'07, a renowned geneticist and Alva Professor Emeritus of Human Genetics at McGill, and H. Arnold Steinberg, B.Com.'54, LL.D.'00, Chancellor of McGill and past Senior Executive of Steinberg Inc., who began working together in the early 1970s to solve problems: some affecting the health of populations, others affecting citizens with rare genetic diseases. This prize recognizes a person with exceptional potential to translate knowledge into practice to make a difference in the well-being of patient, family, or community. Awarded by the Faculty of Medicine to a deserving graduating M.D.,C.M. student who has pursued research in the field of genetics and metabolism, or to a student who has either completed his/her Ph.D. as part of the M.D.,C.M.&Ph.D. program, or has completed his/her Ph.D. while in medical school.

Value: varies.

7.5.6 Medals

Holmes Gold Medal

Founded by the Medical Faculty in 1865, in memory of the late Andrew Holmes, M.D., LL.D., Dean of the Faculty. It is awarded to the student graduating with the highest aggregate standing in the entire medical curriculum.

Wood Gold Medal

Endowed by Casey A. Wood, M.D., LL.D., in memory of his grandfather, Thomas Smith Wood. It is awarded for the most outstanding clinical performance achieved by a student in the Clerkship Period. The winner of the Holmes Medal is not eligible.

8 Programs of Study, Admission, and Curriculum

If there is any discrepancy between the information presented here and that presented at www.mcgill.ca/medadmissions, the latter will prevail.

Most information is available in both English and French at www.mcgill.ca/medadmissions.

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

Educational Services

McIntyre Medical Sciences Building
3655 Promenade Sir-William-Osler, Room 601
Montreal QC H3G 1Y6
Canada

Website: www.mcgill.ca/medicine/medicaleducation

General Information

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

8.1.2 Medical Societies

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

8.1.3 Undergraduate Medical Programs

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



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

section 8.1.4: Doctor of Medicine and Master of Surgery (M.D.,C.M.) Medicine

A four-year undergraduate medical curriculum leading to the M.D.,C.M. (*Medicinae Doctorem et Chirurgiae Magistrum*) degree. The curriculum objectives correspond to the Faculty of Medicine mission to equip the student to meet the highest standards of medical practice and professionalism and to ensure career-long excellence in whole-person care. Upon completion of the program, the graduate will be able to function responsibly, in a supervised clinical setting, at the level of an undifferentiated physician. The program emphasizes the fundamental sciences and scientific methodology as pillars of medical knowledge. It provides traditional lectures and small group teaching, as well as laboratory and computer teaching.

The curriculum consists of four components:

- Fundamentals of Medicine and Dentistry (FMD)
- Transition to Clinical Practice (TCP)
- Core and Senior Clerkship
- Physicianship

Units in the Physicianship component are introduced sequentially. For selected students, the program includes a one-year integrated clerkship in Gatineau/Hull or elsewhere outside the city of Montreal. Promotion criteria are the same as in Montreal.

Electronic media, multimedia, and other information technologies are used by the Faculty for teaching purposes and to promote learning. Therefore, students should expect to be audio- and/or video-recorded as part of the program; for example, with learning being done at the Steinberg Centre for Simulation and Interactive Learning.

The language of instruction is English. The student is expected to have a working knowledge of the English language (comprehension, spoken, and written) from the outset of the M.D.,C.M. program. The student is also expected to have a working knowledge of the French language (comprehension, spoken, and written) from the outset of the M.D.,C.M. program. By the time they begin their clinical years, students have to be proficient in French. Please refer to [section 8.6.6: Language Proficiency](#) for further details.

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

section 8.1.5: Doctor of Medicine & Master of Surgery with Master of Business Administration (Joint M.D.,C.M. & M.B.A.) Medicine & Management

The M.D.,C.M. & M.B.A. program recognizes that there is an increasing demand in the health care sector for physicians with management skills and expertise. This is a five-year program in which the first year is spent in the Desautels Faculty of Management completing the M.B.A. core as well as building a solid background in health care management.

Then, the students will begin their medical studies, which will be integrated with additional elective courses in management. This will provide the opportunity to train well-rounded physician-managers who can eventually pursue careers in a wide range of health care areas, from the smallest clinic to the largest tertiary health care facility; from research laboratory to university or hospital medical departments, as well as the private sector within pharma/biotechnology firms and the health insurance sector, among others.

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

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

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

McGill University, through the Faculties of Medicine and Dentistry, offers a joint M.D.,C.M. & Oral and Maxillofacial Surgery Program. Upon successful completion of this six-year program, students will receive an M.D.,C.M. degree from the Faculty of Medicine and a Certificate in Oral and Maxillofacial Surgery from the Faculty of Dentistry.

Admission Requirements

Candidates must possess a D.D.S. or D.M.D. degree from an accredited North American dental school and be eligible to obtain a limited dental license from the *Ordre des dentistes du Québec*. (A limited license can be issued by the *Ordre des dentistes du Québec* without prior testing of French language competency.)

Candidates must also pass the National Board of Medical Examiners Comprehensive Basic Science Examination prior to commencing the program and receive a grade above 70%. Please check the [AAOMS website](#) for more details. Results must be available prior to application deadline.

Candidates must be certified in ACLS prior to the start of the program.

Application Information

All applications must be submitted electronically at www.mcgill.ca/applying/apply (Application Type: postgrad Med/Dent Education).

The application period starts August 1; the application deadline is September 1.

section 8.1.8: Bachelor of Science (B.Sc.) - Medicine Preparatory Program (Med-P Program)

Med-P is a special program for immediate graduates of the Quebec Collegial (CEGEP) system, which consists of a preparatory year of coursework in the Faculty of Science followed by the standard four-year M.D.,C.M. program.

8.1.4 Doctor of Medicine and Master of Surgery (M.D.,C.M.) Medicine

Conferral of the M.D., C.M. degree follows successful completion of the 4 curricular components of the MD, CM Program: Fundamentals of Medicine and Dentistry (year 1 and the first part of year 2), Transition to Clinical Practice (second part of year 2), Clerkship (years 3 and 4) and Physicianship (longitudinal throughout all 4 years). Program objectives are based on clinical presentations and competencies essential to the practice of medicine, as defined by Canadian authorities (e.g. Medical Council of Canada, Royal College of Physicians and Surgeons of Canada and the College of Family Physicians of Canada). Graduates are expected to be able to function responsibly, in a supervised clinical setting, at the level of an "undifferentiated" physician (see <http://www.mcgill.ca/ugme/curriculum>).

Note: The M.D., C.M. graduate may apply for a license only to practice medicine in a supervised (postgraduate residency training program) setting, and not for independent practice.

Required Courses (199 credits)**Fundamentals of Medicine and Dentistry**

INDS 111	(6)	Molecules to Global Health
INDS 112	(6)	Respiration
INDS 113	(8)	Circulation
INDS 114	(8)	Digestion and Metabolism
INDS 115	(6)	Renal
INDS 116	(6)	Defense
INDS 117	(6)	Infection
INDS 118	(6)	Movement

INDS 123J1	(1)	Research Fundamentals 1
INDS 123J2	(1)	Research Fundamentals 1
INDS 123J3	(1)	Research Fundamentals 1
INDS 124J1	(1)	Longitudinal Family Medicine 1
INDS 124J2	(1)	Longitudinal Family Medicine 1
INDS 124J3	(1)	Longitudinal Family Medicine 1
INDS 125J1	(0)	Reflection and Evaluation 1
INDS 125J2	(0)	Reflection and Evaluation 1
INDS 125J3	(0)	Reflection and Evaluation 1
INDS 211	(6)	Reproduction and Sexuality
INDS 212	(12)	Human Behaviour
INDS 223	(1.5)	Research Fundamentals 2
INDS 225	(0)	Reflection and Evaluation 2

Transition to Clinical Practice

ANAE 301	(2)	TCP Anesthesia
FMED 301	(3)	TCP Family Medicine
IMED 301	(6)	TCP Internal Medicine
INDS 224J1	(.667)	Community Health Alliance Project - C.H.A.P
INDS 224J2	(.667)	Community Health Alliance Project - C.H.A.P
INDS 224J3	(.667)	Community Health Alliance Project - C.H.A.P
INDS 305	(1)	Transition to Clerkship
INDS 323	(0)	TCP Integrated Assessment
NEUR 301	(2)	TCP Neurology
OPHT 300	(1)	TCP Ophthalmology
PAED 301	(2)	TCP Pediatrics
RADD 301	(1)	TCP Radiology
SURG 301	(4)	TCP Surgery

Clerkship

ELEC 400	(4)	Elective 1 Clerkship
ELEC 401	(3)	Elective 2 Clerkship
ELEC 402	(3)	Elective 3 Clerkship
ELEC 403	(3)	Elective 4 Clerkship
FMED 405	(8)	Family Medicine Clerkship
IMED 401	(8)	Internal Medicine Clerkship
IMED 407	(4)	Geriatric Medicine Clerkship
INDS 408	(4)	Emergency Medicine Clerkship
INDS 421	(8)	Transition to Residency
INDS 423	(0)	Clerkship Integrated Assessment 1
INDS 424	(0)	Clerkship Integrated Assessment 2
INDS 426	(6)	Basic Science, Medicine and Society

INDS 427	(4)	Public Health and Preventive Medicine Clerkship
OBGY 401	(6)	Obstetrics and Gynecology Clerkship
PAED 401	(6)	Pediatrics Clerkship
PSYT 401	(8)	Psychiatry Clerkship
SURG 402	(8)	Surgery Clerkship

Physicianship

INDS 119J1	(1)	Clinical Method 1
INDS 119J2	(1)	Clinical Method 1
INDS 119J3	(1)	Clinical Method 1
INDS 122J1	(.667)	Physician Apprenticeship 1
INDS 122J2	(.667)	Physician Apprenticeship 1
INDS 122J3	(.666)	Physician Apprenticeship 1
INDS 219	(1.5)	Clinical Method 2
INDS 222J1	(.5)	Physician Apprenticeship 2
INDS 222J2	(.5)	Physician Apprenticeship 2
INDS 222J3	(.5)	Physician Apprenticeship 2
INDS 300	(1.5)	Mindful Medical Practice - Transition to Clinical Practice
INDS 302	(1.5)	Medical Ethics and Health Law
INDS 320J1	(.5)	Formation of the Professional and Healer
INDS 320J2	(.5)	Formation of the Professional and Healer
INDS 320J3	(.5)	Formation of the Professional and Healer
INDS 322J1	(.5)	Physician Apprenticeship 3
INDS 322J2	(.5)	Physician Apprenticeship 3
INDS 322J3	(.5)	Physician Apprenticeship 3
INDS 422D1	(.25)	Physician Apprenticeship 4
INDS 422D2	(.25)	Physician Apprenticeship 4
IPEA 500	(0)	Roles in Interprofessional Teams
IPEA 501	(0)	Communication in Interprofessional Teams
IPEA 502	(0)	Patient-Centred Care in Action

Elective Course (0-4 credits)

ELEC 300	(4)	Elective
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8.1.5 Doctor of Medicine & Master of Surgery with Master of Business Administration (Joint M.D.,C.M. & M.B.A.) Medicine & Management

The M.D.,C.M. & M.B.A. program recognizes there is an increasing demand in the health care sector for physicians with management skills and expertise. This is a five-year program in which the first year is spent in the Desautels Faculty of Management completing the M.B.A. core as well as building a solid background in health care management. Then, students will begin their medical studies, which will be integrated with additional elective courses in management. This will provide the opportunity to train well-rounded physician-managers who can eventually pursue careers in a wide range of health care areas, from the smallest clinic to the largest tertiary health care facility; from research laboratory to university or hospital medical departments, as well as the private sector within pharma/biotechnology firms and the health insurance sector, among others.

Balancing quantitative and qualitative studies, students also develop the intangible business skills required in today's dynamic workplace - the abilities to apply knowledge to the greatest benefit of the organization, to make effective decisions, to both work in teams and lead others, and to adapt to non-structured

situations. The M.B.A. program employs a unique curriculum, including a blend of case studies, exercises, discussions, group work, and lectures, as well as an international study trip.

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

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

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

For full M.B.A. and M.D.,C.M. curricula, please see the graduate Management section at www.mcgill.ca/study/faculties/desautels and the Medicine section at 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.

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.

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

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

The Faculty of Medicine offers a special program for immediate graduates of the Quebec Collegial (CEGEP) system, which consists of one year of coursework in the Faculty of Science followed by the standard four-year M.D.,C.M. program. During the Med-P year, students are registered in the Faculty of Science. All campus-wide services including student advising, tutorship, financial aid, and academic support are available to Med-P students.

The Med-P curriculum consists of courses in molecular biology, cell biology and metabolism, organic chemistry (where applicable), along with a selection of courses in fields such as computer science, intermediate chemistry, physiology, and mathematics. Students are required to take courses in the Humanities and Social Sciences, along with electives of their choosing for the purpose of broadening and enriching their education.

In order to successfully complete the Med-P year and to be admitted to the M.D.,C.M. program, students must obtain a minimum of a "B" grade in each of the compulsory courses and a minimum cumulative grade point average (CGPA) of 3.5. Students who do not meet the above criteria are subject to review and may be: (a) admitted with or without conditions; (b) required to pursue a second preparatory year, or (c) invited to re-apply for admission upon completion of an undergraduate (Bachelor's degree).

There are many more applicants for the Med-P program than can be accepted. Unsuccessful applicants are generally well-qualified for admission into other undergraduate degree programs (e.g., B.A., B.Sc., etc.). In their own interest, all applicants are encouraged to apply to an alternate program. This can be done by making a second program selection when submitting an online application via Minerva.

The language of instruction is English.

8.2 Other Programs Offered Within the Faculty of Medicine

8.2.1 Bachelor of Science (B.Sc.) Programs

For Bachelor of Science (B.Sc.) programs available from the departments in the Faculty of Medicine, consult the [Faculty of Science Undergraduate section](#).

8.2.2 Graduate Studies and Research in the Medical Sciences

Opportunities for graduate work in the basic medical and clinical sciences leading to the degrees of **M.Sc.** and **Ph.D.** are offered by many of the departments of the Faculty of Medicine; details of these programs are included in the Graduate and Postdoctoral Studies sections of the [Faculty of Science](#) and the [Faculty of Medicine](#).

By special arrangement, studies for the degree of **M.Sc.** can be pursued concurrently with work towards the **M.D.,C.M.** degree. In addition, a combined **M.D.,C.M. & Ph.D.** program is available (see [section 8.1.6: Doctor of Medicine & Master of Surgery with Ph.D. \(Joint M.D.,C.M. & Ph.D.\)](#)). Details of professional programs available can be found at [section 8.1: About Medical Programs](#).

Research in clinical disciplines is carried out at all locations of the McGill University Health Centre:

- MUHC Glen Site;
- Montreal General Hospital;
- Montreal Neurological Institute and Hospital.

Research opportunities are also available at the Lady Davis Institute of the Jewish General Hospital, the Douglas Mental Health University Institute and the Shiners' Hospital for Children. For administrative purposes, graduate work in several clinical departments is grouped under the *Division of Experimental Medicine* and the *Division of Experimental Surgery*. Other departments administer individual graduate programs. Consult the [Faculty of Science](#) and [Faculty of Medicine](#) Graduate and Postdoctoral Studies sections for a description of the programs, or consult the full list of [Departments & Schools](#) within the Faculty of Medicine to view their respective websites.

Inquiries concerning research training in the medical sciences should be directed to the Chair or Graduate Program Director of the department in which the candidates wish to receive their graduate education.

8.2.3 Graduate Training Programs in the Clinical Departments

The Faculty of Medicine, in conjunction with the affiliated teaching hospitals, offers a wide variety of programs leading to McGill Certificates of Residency Training and certification by the *Collège des médecins du Québec* (CMQ), the College of Family Physicians of Canada, and the Royal College of Physicians and Surgeons of Canada. For information on the graduate medical programs available and eligibility and funding, please consult www.medicine.mcgill.ca/postgrad.

8.3 Admission Procedures and Requirements

If there is any discrepancy between the information presented here and at www.mcgill.ca/medadmissions, the latter will prevail.

The Faculty of Medicine of McGill University conducts a rigorous, multi-criteria evaluation of applications to its programs. Admissions criteria and the selection process correspond to the Faculty's mission to equip students to meet the highest standards of medical practice and professionalism and to ensure career-long excellence in whole-person care. The Admissions Committee's guiding principles are: **seeking excellence, inclusivity, alignment, fairness, and transparency**.

Understanding that our graduates will go on to serve diverse communities in Quebec, Canada, and beyond, applicants should demonstrate a deep commitment to, and evidence of, a pursuit of excellence in academic work, ethical and professional conduct, and awareness of the complexities of the world in which they will go on to hold privileged positions of service and leadership.

The Faculty of Medicine welcomes and encourages applications from students from all backgrounds, including students from underrepresented ethnic, cultural, and racial groups, sexual minorities, and from all socio-economic backgrounds.

Indigenous Canadian Applicants

McGill University and the Faculty of Medicine welcome applications from candidates from across the provinces and territories who self-identify as belonging to First Nations, Inuit, and Métis communities. A number of resources covering academic and non-academic support are available to Indigenous students within the Faculty and across the University campus, such as First Peoples' House, the Indigenous Access McGill Program (housed in the School of Social Work), and the Aboriginal Health Interest Group (a medical student association).

For more information, please consult [section 8.4.5: Eligibility for Special Admission Pathways](#), and the [Office of Admissions](#) website.

Office of Admissions, Faculty of Medicine

McGill University
1010 Sherbrooke Street West, Suite 1210
Montreal QC H3A 2R7 Canada

Telephone: 514-398-3517
Fax: 514-398-4631
Email: admissions.med@mcgill.ca
Website: www.mcgill.ca/medadmissions
Twitter: [@mcgillmedadm](https://twitter.com/mcgillmedadm)

8.3.1 Special Admissions Pathways

8.3.1.1 First Nations and Inuit Faculties of Medicine Program of Quebec (FNIFMPQ)

The First Nations and Inuit of Quebec Faculties of Medicine Program (FNIFMPQ) (*Programme de formation de médecins des Premières Nations et Inuits de Québec*; PFMPNIQ) was established in 2008. Under this program, four positions for medical training in any of the four Quebec faculties of medicine are available for eligible applicants. Eligibility requirements:

1. The applicant must be a member of the First Nations or Inuit, under the Indian Act (RSC, C1-5) or in the Inuit registry.
2. The applicant must be a resident of Quebec.
3. The applicant must have a minimum R-Score of 28 or equivalent university CGPA.

The four FNIFMPQ spots are available for all of Quebec's faculties of medicine (*Université Laval, Université de Montréal, McGill University, and Université de Sherbrooke*). The choice of university is based on the candidate's preference and the available spots in the faculties.

Applicants with First Nations or Inuit status may choose whether or not to declare their status. If they decide to declare and confirm their status as a member of the First Nations or Inuit of Quebec, they will be considered as part of the regular Quebec contingent (evaluation of application according to the regular selection process for this contingent, with participation in the McGill bilingual multiple mini-interviews (MMI) based on academic record) as well as part of the First Nations and Inuit contingent. It is thus possible for a candidate's application to be processed for both contingents in parallel.

Applicants who elect not to declare their First Nations or Inuit status will be considered along with every other applicant in the regular Quebec contingent.

For more information on the First Nations and Inuit Faculties of Medicine Program of Quebec (FNIFMPQ), please contact:

Yves Sioui
FNI Faculties of Medicine Coordinator FNQLHSSC
Université Laval FNQLHSSC
Office: 418-842-1540, ext. 235
Université Laval Office: 418-656-2131, ext. 3641
Email: yves.sioui@csspnl.com
Website: www.jedeviensmedecin.com

Candidates in this category with a university degree or partial completion of a university program can apply for the M.D.,C.M. program. The Admissions Committee may require a preparatory year as a condition of admission. Candidates in this category who have not started university-level studies must apply for the Med-P program. A bachelor's degree is required for application to the joint programs. Assessment of academic strength is based on the academic record in conjunction with the curriculum vitae.

8.3.1.2 Non-Traditional Pathways (NTP) University-Level Applicants

A select number of positions are available to residents of Quebec who have pursued a "non-traditional" pathway (NTP) in their journey to the career choice of medicine. Applicants to these positions are generally mature students who have spent a period of time in the workforce.

Eligibility requirements:

1. Quebec residency status fully established by the application deadline (November 1);
2. Applicant must hold a complete undergraduate (bachelor's) degree by July 31 of the entering year of medicine per the educational requirements WITH THE FOLLOWING EXCEPTION:
 - the undergraduate degree used as the basis of admission may have been completed on a part-time basis.
3. Applicant is not eligible to apply in any other applicant category;
4. Applicant meets all other admission requirements and conditions for medical programs WITH THE FOLLOWING EXCEPTIONS:
 - NTP applicants may apply for admission with partially complete (minimum of four out of the seven required prerequisite courses) and/or out-of-date (more than eight years from the date of application) basic science prerequisites. Any or all of the four required courses could be out of date.



Note: Applicants with no basic science prerequisites whatsoever will not be considered.

Successful NTP applicants will be admitted to a Qualifying year to be undertaken chiefly in the Faculty of Science. NTP students in the Qualifying year must maintain a cumulative grade point average of at least 3.5, with no grades lower than a B in order to continue on into the four-year M.D.,C.M. program. NTP applicants are also not eligible to apply to joint programs offered by the Faculty of Medicine.

For more details, please consult the [Office of Admissions](#) website.

8.3.1.3 International Medical Graduates (with Advanced Standing)

The Faculty of Medicine accepts applications from international medical graduates (IMG), i.e., applicants who have obtained a recognised medical degree outside Canada or the United States, who are also residents of Quebec. Applications will be accepted from qualified international medical graduates (from a university outside of Canada or the U.S.) in November 2016, for April 2017 entry.

Successful IMG applicants will enter the program at the Transition to Clinical Practice (TCP) component, starting in April and will continue into the clerkship and graduate with an M.D.,C.M. degree from McGill.



Note: Please note that in some circumstances, IMG applicants can be considered for entry into the first year of the program and apply with their medical degree as their basis of admission degree in their residency cohort. An IMG application to the first year of the program (to complete all four years) is not restricted to residents of Quebec.

The number of positions available is contingent on the number of attritions from previous years and will vary; there may be years when no positions are available.

To be eligible, applicants must hold a medical degree from an accredited medical school recognized by the World Health Organization, must successfully complete the *Medical Council of Canada Evaluating Exam Part 1* (MCCEE1), must provide a Medical Student Performance Record together with an academic transcript, and must provide proof of English or French proficiency (see [section 5.2.2.1: Proof of Proficiency in English](#) and/or [Language Requirements for Professions](#)). Applicants must meet the basic science requirements and meet all other essential requirements listed. Competitive applicants will have MCCEE 1 scores that are at least 50 points higher than the passing grade.

Applicants who do not meet these conditions of eligibility or are seeking alternative options should contact the *Collège des médecins du Québec*.

Interviews are by invitation only and are conducted in a multiple mini-interview (MMI) format.

For more details, please consult the [Office of Admissions](#) website.

8.3.2 Applicant Categories

The provincial government, by decree, determines the number and distribution (by residence) of available places for medical training in Quebec. Each applicant must submit proof of citizenship at the time of application. Canadian citizens or permanent residents of Canada must confirm the applicant category (set out below) to which they belong to at the time of application.

Applications for admission to the Faculty of Medicine are considered and assessed according to the following residence-based applicant categories:

1. **Quebec Resident:** Canadian citizen or permanent resident who is a recognized resident of the province of Quebec. This category is subdivided into:
 - a) Quebec – University: candidates holding an undergraduate (or higher) degree;
 - b) Quebec – Med-P: candidates applying directly from CEGEP to the Med-P program;
 - c) Quebec – NTP: Quebec residents applying via the Non-Traditional Pathway.
2. **Canadian (Out-of-Province):** Canadian citizen or permanent resident who is not a recognized resident of the province of Quebec.
3. **International:** Candidates who do not hold Canadian citizenship or residency and who require a permit to study in Canada (including U.S. citizens).

Applicants accepted under the Canadian (Out-of-Province) or International categories are subject to the admission rules and obligations of their assigned category for the duration of their medical studies, regardless of any subsequent change in citizenship or residency status.

The Minister of Health and Social Services of Quebec requires that Canadians (Out-of-Province) and foreign nationals holding a study permit (International applicant category), who are admitted to and wish to register for medical school in Quebec, sign a contract which stipulates a return-of-service obligation or a fine if, upon completion of medical training, they choose to stay in Quebec to practice.

The following applicant categories are for positions supernumerary to those set out in the categories listed above:

1. **Quebec First Nations or Inuit:** Residents of Quebec who are status members of a First Nation (according to the *Indian Act*) or a registered Inuit beneficiary, applying via the First Nations and Inuit Faculties of Medicine Program of Quebec (FNIFMPQ).
2. **Quebec – IMG:** Quebec residents who are International Medical Graduates (holding a medical degree from outside Canada or the United States) applying for admission with advanced standing.

Please consult [section 8.4: Eligibility Requirements](#) for further information and requirements for all of the above categories.

8.3.3 Academic Criteria

Undergraduate Degree Performance

The assessment of academic performance for M.D.,C.M. applicants holding university degrees (excluding Quebec Non-Traditional, Quebec First Nations and Inuit, and Quebec International Medical Graduate) is based on the following:

1. Undergraduate degree cumulative grade point average (DegGPA);
2. Academic performance in the basic sciences (science prerequisites);

3. Overall academic context.

The primary basis of the assessment of undergraduate degree performance is the **degree cumulative grade point average** (DegGPA) used for the basis of admission. Successful applicants have historically demonstrated a DegGPA above 3.5 out of 4.0 (average approximately 3.8). Applicants with a DegGPA below 3.5 are rarely considered to be competitive.

The Admissions Committee reserves the right not to consider those who do not have a minimum of 60 consecutive undergraduate graded credits (i.e., two full-time academic years) at the time of application.

For information on degree requirements, consult [section 8.4: Eligibility Requirements](#).

Performance in the Basic Science Prerequisites

The average of GPA scores in basic science prerequisite courses as undertaken either in college, university, or acceptable pre-university alternatives will be considered. The basic science GPA (SciGPA) is assessed separately from the degree GPA (DegGPA). Advanced studies in the basic sciences may also be considered in this assessment.

Candidates seeking an exemption or substitution for the basic sciences are encouraged to contact the admissions office between June and September of the year they wish to apply to medicine. The admissions office reserves the right to not consider requests for exemption or substitution for basic sciences after September 30.

Successful applicants tend to have a SciGPA above 3.5 out of 4.0 (average approximately 3.8). Applicants with a SciGPA below 3.2 are rarely considered to be competitive.

For information on basic science prerequisites, consult [section 8.4.2: Basic Science Prerequisites](#).

Consideration of the MCAT

Where valid MCAT results are submitted (whether required or not), results will be considered in conjunction with the SciGPA (50/50 weighting). Where the MCAT is optional, students are counselled to submit MCAT scores only if they are confident that these scores provide stronger evidence of their abilities in the basic sciences than their SciGPA would independently.



Note: For more information about when MCAT scores are required to be submitted, please see [section 8.4: Eligibility Requirements](#) and [section 8.4.3: MCAT \(Medical College Admission Test\)](#).

Where valid MCAT results are submitted for the 2014 MCAT and earlier, the Biological Sciences, Physical Sciences, and Verbal Reasoning sections will be used.

Results in all categories from the 2015 and later MCAT exams will be considered.

Academic Context

Consideration is given to the overall academic record as represented in the DegGPA, as well as the distribution of course levels, graduate studies, and pursuit of professional programs, as evidenced in the official academic records.

Students are encouraged to pursue challenging and diverse topics, to have a progression in their course selection, and are generally expected to pursue a full course load in each of their regular sessions.

CEGEP Performance for Med-P Applicants

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



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

8.3.4 Non-Academic Qualities

The Admissions Committee attends not only to academic performance, but also to non-academic qualities. For the preliminary screening of candidates (short listing for interviews), non-academic qualities are assessed by way of the combined [curriculum vitae and personal narrative](#). For candidates selected for interviews, non-academic qualities are assessed according to their performance in the multiple mini-interviews. These qualities include, but are not limited to:

1. compassion, empathy, care
2. insight, judgment, common sense
3. integrity, honesty
4. adaptability, tolerance, flexibility
5. creativity, innovation
6. respect for others
7. intellectual curiosity
8. reliability, dependability
9. responsibility, teamwork

10. ability to deal with conflict or stressful situations
11. leadership, initiative
12. sense of assurance despite ambiguity or self-confidence
13. community involvement, social activism
14. level of professionalism, respect for the public at large
15. personal development

8.3.5 File Review Process

Positions to train in medicine in Quebec are determined by governmental decree; please see : *Catégories des postulants*. Students within each cohort compete with each other for a pre-determined number of positions within the particular cohort.

Each year, the *Office of Admissions* determines the number of interviews that will be held for each cohort. When an application is received, it is ranked among others in the same cohort according to academic performance. There is no strict GPA threshold; rather, ranking is based upon the relative strength of academic performance of a given application in comparison to others in the same cohort. On the basis of this preliminary academic performance ranking, a review of the supporting documents for competitive candidates within a given cohort is carried out. Supporting documents are reviewed for approximately four to six times the number of candidates that we anticipate interviewing; i.e., if we intend to interview 50 people in a particular cohort, an evaluation of supporting documents for the top 200-300 files is conducted in order to determine which 50 candidates will be invited to interview.

For those applicants who are invited to attend the multiple mini-interviews, note that a final rank order list (which includes those who will receive an offer of admission and those who will be placed on a waiting list) is calculated as follows:

M.D.,C.M. applicants:

Multiple Mini-Interviews: 80%;
Basic Science performance: 20%.

Med-P, IMG, and NTP applicants:

Multiple Mini-Interviews: 100%.

(Note that these formulas are guidelines only and are subject to review and change by the Admissions Committee at any time and without notice.)

The waiting list remains active for as long as is feasible and necessary; sometimes until the beginning of classes.

8.3.6 Interview Process

Selected candidates will be invited by the Faculty of Medicine for an on-site interview session. Attendance is by invitation only, sent via electronic mail by the date published according to the applicant category. Candidates cannot be admitted without interviews. Interviews are an important tool for the Admissions Board to evaluate those strengths and qualities that cannot be evaluated in a transcript or a writing sample.

Interviews are in multiple mini-interview (MMI) format and are conducted in-person at the Faculty of Medicine. These mini-interviews consist of multiple stations that can be task-oriented, simulation- or scenario-oriented, or discussion-oriented. Stations are designed to evaluate the various qualities, abilities, and skills that form the basis of the Physicianship curriculum component. Interviews are offered in English and French.

Interview sessions are scheduled for a half-day. Applicants are expected to keep their calendar open for interview dates. It is the applicant's responsibility to be available for the scheduled interview and to plan travel accordingly. No repeat interview sessions or special accommodations are available to those who do not attend their originally scheduled time. Therefore, if candidates are not present for their interview for any reason, the file will no longer be considered.

8.4 Eligibility Requirements



Note: Additional requirements are listed under *section 8.6: Requirements for Registration and Matriculation*.

If there is any discrepancy between the information presented here and that presented at www.mcgill.ca/medadmissions, the latter will prevail.

8.4.1 Undergraduate Degree

For Applicants in the University Categories

These requirements apply to applicants who apply holding university degrees as either a Quebec resident, Out-of-Province Canadian, or International. Quebec residents applying through the First Nations and Inuit of Quebec Faculties of Medicine Program, the Non-Traditional Pathway, or the Med-P should refer to their respective applicant category (as defined in *section 8.3.2: Applicant Categories*).

The degree used as the basis of admission must be successfully completed by July 31 of the year of entry to the M.D.,C.M. program. This degree must be a Bachelor's degree and meet the following conditions:

Basis of Admission (Undergraduate) Degree

A 120-credit (“four-year”) or equivalent bachelor's degree from an accredited institution in any discipline. Applicants who have successfully obtained a Diploma of Collegial Studies (*Diplôme d'études collégiales*; “DEC”) in a pre-university program can apply with a 90-credit program from a Quebec university.

The basis of admission degree must have been undertaken on a full-time basis (12–15 credits per term) and should be completed in the time prescribed by the program. A full course load (as defined by the institution awarding the degree) is expected in regular sessions. Summer or other interim sessions are acceptable, assuming a full-time registration in regular sessions. The Admissions Committee expects a minimum of 60 consecutive graded credits at the time of application.

Second Bachelor's Degree

Candidates holding or currently pursuing a second Bachelor's degree may use the second degree as the basis of admission degree if:

1. the first degree completed meets the above requirements;
2. a minimum of 45 new, consecutive graded credits are earned by the application deadline; and
3. the second degree demonstrates a stronger academic performance.

All Bachelor Degrees

Students from all academic backgrounds are encouraged to consider medicine as a career. Prospective applicants should pursue courses of study, whether in the natural or social sciences or the humanities, which appeal to them and which have as their aim a broad education and intellectual training rather than merely anticipating the medical curriculum. The Faculty seeks to ensure, by way of the basic science prerequisites, that all students have an adequate preparation in science.

The admissions office does not consider degrees without a marking or grading system; narrative transcripts are not accepted.

International Medical Degree

Applicants who are Canadian citizens or permanent residents of Canada and who hold a medical degree awarded by a recognized university outside Canada or the United States of America may be eligible to use this medical degree to apply to the first year of the M.D.,C.M. program if:

- Official transcripts sent by that university show numerical or letter grades for all courses completed and the candidates meet the specific requirements of science prerequisites and MCAT's described under the criteria for the M.D.,C.M. program.
- The criteria for selection will be the same for these candidates as for those candidates applying to the M.D.,C.M. program with a Bachelor's degree. The international medical degree (and its grade point average (GPA)) will be the degree used as the basis of admission.
- The Medical Council of Canada's Equivalence Examination is an acceptable alternative to the MCAT in this case.



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

8.4.2 Basic Science Prerequisites

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

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

where: minimum course hours do not include compulsory laboratory or practical work. Grades of “Pass/Fail” (Satisfactory/Unsatisfactory) or of similar schema are not acceptable in coursework (numerical or letter-class grades are required).

Academic performance in these courses will be considered; courses completed more than eight (8) years before the application deadline will not be considered; distance or correspondence education courses are acceptable only by special permission and at the discretion of the Office of Admissions (Faculty of Medicine).



Notes:

- With the exception of two (2) courses, all of the basic science prerequisite courses must be **completed at the time of application**, with grades noted on the submitted transcript. **A maximum of two (2) courses can be outstanding at the time of application**. Transcripts for these outstanding courses must be received by the Office of Admissions (Faculty of Medicine) no later than **January 15, 2017**.
- The assessment of basic science performance is based upon a candidate's academic results in the relevant science prerequisite courses as undertaken either in college, university, or acceptable pre-university alternatives as described in the requirements. Advanced studies in the basic sciences may also be considered in this assessment. Candidates seeking an exemption or substitution for the basic sciences are encouraged to contact the admissions office **between June and September** of the year they wish to apply to medicine. The admissions office reserves the right not to consider requests for exemption or substitution for basic sciences after September 30.
- Though not required, university-level courses in **physiology, molecular biology, and cell biology & metabolism** are strongly recommended. Knowledge of statistics and genetics is also useful in the context of the M.D.,C.M. curriculum.
- Candidates applying to the M.D.,C.M. program who have completed the seven prerequisite courses and who have also completed introductory-level university courses in molecular biology, cell biology, mammalian physiology, and organic chemistry will be evaluated on whichever of the two is the most favourable to the candidate.

- Acceptable alternatives to the basic science prerequisites include: Advanced Levels (UK System), IBO Courses (Higher Level), French Baccalaureate *année Terminale, Série S* courses, and AP results (College Board, Inc.).

8.4.3 MCAT (Medical College Admission Test)

MCAT Compulsory

Any applicant whose basis-of-admission degree was awarded from a non-Canadian university is required to write and submit scores from the MCAT; submission of all MCAT results is compulsory. EXCEPTIONS:

- Candidates applying via the Non-Traditional pathway (NTP)
- International Medical Graduates applying for placement with Advanced Standing
- International Medical Graduates applying for admission into the first year of the M.D.,C.M. program who are submitting a Medical Council of Canada's Equivalence Exam (MCCEE1) score

MCAT Not Required

All applicants who have completed their basis-of-admission degree at a Canadian university are not required to submit an MCAT score. Applicants to the Med-P program are also not required to submit MCAT scores.

MCAT Optional

Applicants applying to the M.D.,C.M. program whose basis-of-admission degree was awarded by a Canadian university who are NOT applying via the Non-Traditional pathway and who are NOT submitting an MCCEE1 score, may choose to submit an MCAT score.

8.4.3.1 About the MCAT

Information regarding the MCAT, including testing dates, locations, and preparation materials can be obtained from the [American Association of Medical Colleges \(AAMC\)](#). Test takers are required to read through the MCAT Essentials document. Be aware that registration for the computer-based test is limited. We suggest that you inquire about registration as early as possible.

8.4.3.2 Submitting Your Results

MCAT results must be released to and received by the Office of Admissions, Equity and Diversity by the relevant application deadline. Please consult with the MCAT administrators, the [Association of American Medical Colleges \(AAMC\)](#), to arrange for the release of your scores electronically (preferred method). Paper result reports are only accepted by the Office of Admission, Equity and Diversity under exceptional circumstances and at its discretion.

Consideration of MCAT Results

We will accept both 2014 and 2015 versions of the MCAT after the rollout of the 2015 version. Scores are acceptable for 5 years after the last test administration.

MCAT results dating more than five (5) years from the relevant application deadline will not be considered. MCAT results received after the relevant application deadline will not be considered.

The admissions office will consider the highest overall result set of available valid sets (sittings) and will not consider the individual subset scores from separate sets. All three numerical sections—the Biological Sciences (BS), Physical Sciences (PS), and Verbal Reasoning (VR)—are considered for 2014 tests and earlier. All sections of the 2015 MCAT test will be considered.

Where valid MCAT results are submitted, results will be considered in conjunction with the SciGPA when determining the Basic Science Performance (50/50 weighting).

If you have the option to submit your MCAT results, it is recommended to do so only if you are confident that your MCAT results provide better evidence of performance in basic sciences (as compared with your GPA in basic science prerequisite courses). For details, consult the *Assessing Academic Strength* section of the following website: students-residents.aamc.org/applying-medical-school/taking-mcat-exam.

8.4.4 Requirements for Med-P

Applicants must be recognized residents of Quebec and meet the following conditions:

1. must not have been enrolled in a university program;
2. must, from the onset of collegial studies (*1), be enrolled in only one of these following programs:
 - Science (200.B0);
 - combined Science program (200.11, 200.12, 200.13, 200.15, 200.16);
 - Science + International Baccalaureate (200.10); or
 - Arts & Science (700.A0).
3. must be in the final year and obtain (by July 31 of the entering year) a Diploma of Collegial Studies (DEC) in one of the stated programs;
4. must not have extended the length of their program for reasons of personal choice (*2);
5. must have a minimum of six courses (13.33 credits) in each regular semester (*2);

6. must not have taken any of the prerequisite courses listed below in a context outside of a regular semester (*2);
7. must have completed the following courses and successfully achieved the competency codes:

For the Science (200.xx) program:

- Biology: NYA (00UK), General Biology II (00XU);
- Chemistry: NYA (00UL), NYB (00UM), Organic Chemistry I (00XV);
- Mathematics: NYA (00UN), NYB (00UP);
- Physics: NYA (00UR), NYB (00US), NYC (00UT).

Students in the *Sciences, Lettres et Arts (700.A0)* program must obtain the Biology objectives of 01Y5 and 01YJ (along with all other program requirements) and should complement their program with Chemistry 01YH and at least one of Physics 01YF or 01YG in order for their application to be considered. Students who are missing any prerequisites based on the list above may be asked to complete them during the preparatory year.

Students in the *IB-DEC (200.10)* program must complete (along with all other program requirements) a minimum of two courses (5.33 credits) in Biology, three courses (8.00 credits) in Chemistry, including Organic Chemistry, two courses (5.33 credits) in Mathematics and one course (2.67 credits) in Physics in order for their application to be considered. Preference is given to those who most closely adhere to the list of prerequisites above. Those admitted into the program who are missing any prerequisites will be asked to complete them during the preparatory year.

For more information on these codes and their requirements, please contact your CEGEP academic advising office.

Students of the French Baccalaureate system:

The Faculty accepts applicants from *Collège international Marie de France* and *Collège Stanislas* as part of this category under the following conditions:

1. must be a recognized resident of Quebec;
2. must be in the final year (*année terminale*) of the *Séries S*;
3. must have attended the institution, at minimum, for *1^{ère} année* and *année terminale* in full, in Quebec;
4. must not have extended the length of their program for reasons of personal choice (*1);
5. must have an R-score along with course attestation (provided by school).



Notes:

(*1) Exception made for students entering a remedial program before their first DEC program.

(*2) Students enrolled in a *Sport-études* program may be exempted from these conditions. Such applicants must submit a special form (available from the website www.mcgill.ca/medadmissions) which describes in detail all relevant sport activities.

8.4.5 Eligibility for Special Admission Pathways

Eligibility requirements for undergraduate medicine through the various special admission pathways are described in the [section 8.3: Admission Procedures and Requirements](#) section.

Special Admission Pathways

- For First Nations or Inuit applicants: [section 8.3.1.1: First Nations and Inuit Faculties of Medicine Program of Quebec \(FNIFMPQ\)](#)
- For Non-Traditional University-Level Applicants: [section 8.3.1.2: Non-Traditional Pathways \(NTP\) University-Level Applicants](#)
- Advanced Standing for International Medical Graduates: [section 8.3.1.3: International Medical Graduates \(with Advanced Standing\)](#)

8.5 Procedures for Selection and Admission

If there is any discrepancy between the information presented here and that presented at www.mcgill.ca/medadmissions, the latter will prevail.

8.5.1 Submitting an Application

All application procedures, including the submission of supporting documents, are done electronically. Consult the [Office of Admissions](#) website for details.

8.5.2 Deadlines

Applications for the M.D.,C.M. program or its joint programs, including those applying via a special admission pathway must be received **by November 1**. All supplemental documentation required for the application must be received **by the November 1 deadline**.



Note: In the event that November 1 is a Saturday or Sunday, applications will be due the **Monday** directly following.

Applications for the Med-P program must be received **by March 1**. All supplemental documentation required for the application must be received **by the March 1 deadline**.



Note: In the event that March 1 is a Saturday or Sunday, applications will be due the **Monday** directly following.

Applicants must open their online application at least 48 hours before the relevant deadline in order to obtain a McGill ID and password, which are necessary to complete the application process.

8.5.3 Notification of Decision

Decisions are released via *Minerva* and are thereafter confirmed by email. Please refer to our *website* for information on anticipated decision release dates by cohort.

8.5.4 Request for Reconsideration

It is important that candidates understand certain features of the application and admission decision-making process before requesting reconsideration. Admission to the Faculty of Medicine is highly competitive. In light of the very strong applicant pool and the limited number of places available in the first-year class, each year a number of very good applicants are not invited for interviews, or are refused after interviews. All candidacies are carefully reviewed before any decision is made. For example, an application that makes it to the interview stage will likely be reviewed by 10–20 individuals who assess the various aspects of each candidacy, from submitted documents to performance in person. This breadth of individuals involved in the selection process helps us assure fairness and thoroughness in our evaluation process.

For these reasons, the decisions of the Faculty of Medicine admissions committee are final and not subject to appeal. However, it is possible for applicants to request reconsideration of the application review procedures with respect to their admissions dossier at the following **two** specific points of the admission process:

1. before interviews are held;
2. before the final admission decisions are made, if they have been interviewed.

Applicants are expected to verify the admissions schedule for their category.

Grounds to Request Reconsideration:

An applicant may request a reconsideration of application review procedures leading to a decision (granting of interviews, offer of a position) on the basis of the following grounds:

1. administrative error in the procedure applied to the evaluation of the application;
2. the admissions committee's decision was rendered in the absence of a relevant factor that the applicant, for reasons beyond her or his control, was not in a position to provide at the time the application was submitted.

Process and Deadlines to Request Reconsideration:

Applicants not invited for interview by the date published for their category:

Submit a written request (email preferred) to the Faculty of Medicine admissions office, which must be received no later than five working days after the date published for the “notice of invitation to interviews” in the applicant's category.

This request must advance one of the two grounds for reconsideration listed above; disagreement with the outcome of the decision is not a basis for reconsideration.

Applicants who have been granted an interview:

Submit a written request (email) to the Faculty of Medicine admissions office. This request must be received no later than five working days after the last interview day in the applicant's respective category.

This request must advance one of the two grounds for reconsideration listed above; an applicant's disagreement with the outcome of the decision is not a basis for reconsideration.

University Subcommittee on Admissions Review:

Applicants who are denied a reconsideration of application review procedures prior to the final admissions committee decisions may refer their request to the University Subcommittee on Admissions Review. The subcommittee will ascertain whether the correct procedures have been followed. If the subcommittee is satisfied that the stated procedures have been followed, the decision will not be disturbed. Only if the subcommittee finds that the procedures were not followed will the file be returned to the Faculty of Medicine for reconsideration.

8.5.5 Acceptance of Offers or Waiting List

Offers of a Position

Offers for M.D.,C.M. are conditional upon conferral of a Bachelor's degree (M.D.,C.M., M.D.,C.M./Ph.D., M.D.,C.M./M.B.A. programs) or Diploma of Collegial Studies (Med-P program) and upon the successful completion by the time of registration of studies currently in progress, at a level comparable to past academic performance.

For the first series of offers, successful applicants must respond within two weeks. Should they receive an offer, candidates having been placed on the wait list may be given a shorter period of time to respond.

For students admitted to the M.D.,C.M. program, notification of acceptance of the offer must be accompanied by a deposit of CAD\$500, which will be applied to the student's tuition fees. The deposit is refundable up to May 15 for international students and up to June 15 for non-Quebec Canadians and Quebec residents applying to the M.D.,C.M., M.D.,C.M./Ph.D. or M.D.,C.M./M.B.A. programs. For students admitted to the Med-P program, notification of acceptance of the offer must be accompanied by a deposit of CAD\$300, which will be applied to the student's tuition. For Med-P applicants, the deposit is refundable up to July 15.

Waiting List

The admissions office does not release rankings of admitted students, with the exception of positions on the waitlist; waitlist rankings will be released at a time when all necessary information has been processed and not necessarily when the offer for a waitlist position is made. The admissions office reserves the right to withdraw an admissions offer in the case where a candidate fails to respond within the prescribed timeframe. Candidates who accept a place on the wait list, therefore, must be reachable at all times and keep their contact information up-to-date in [Minerva](#).

Decision by Proxy

Students may designate a delegate ("proxy") to accept or refuse an offer on their behalf, should they be unavailable for a period of time. The student must submit a written statement to this effect and must include signatures from both the applicant and the proxy.

8.5.6 Deferred Admission

A written request, which includes the details on the reasons for the request (with supporting documentation), must be submitted no later than July 1 of the year in which deferral is sought. In order to request deferral, the candidate must have accepted the offer of admission.

8.5.7 Advanced Standing or Transfer of Credits

Transfers

There are no places available for students who wish to transfer to McGill. Students currently in medical schools are not eligible to apply to the first year of the program unless their application provides proof of withdrawal from that medical school and that they meet all the admission requirements to the M.D.,C.M. program.

Credits and Advanced Standing

The Faculty will not credit courses successfully completed before the official start in the medicine program with the exception of International Medical Graduates (IMG).

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 for the first two years of undergraduate medical education (March of admitting year). Certification must be granted, or fully recognised, by one of the following organizations:

- [Canadian Heart and Stroke Foundation](#)
- [Quebec Heart and Stroke Foundation](#)
- [Canadian Red Cross](#)
- [St. John Ambulance](#)
- [American Heart Association](#)
- [American Red Cross](#).

8.6.2 Infectious Diseases and Infection Control

Immunization

To assure that students are not exposed to undue health risks and do not pose a risk to their patients, students must provide evidence of appropriate vaccination by July 31 of the year in which they commence undergraduate medical education, according to the information provided by [McGill Student Health Service](#).

- All students must be immunized against Hepatitis B and all students must have Hepatitis B titres (HbsAb) measured. Non-converters will be tested for Hepatitis B surface antigen (HbsAg). Non-converters will be offered counseling by McGill Student Health Service. Students who test positive for the surface antigen will be referred to the Undergraduate Associate Dean. If repeat serology does not confirm immunity, and the person is not a carrier, they will be given the option of another series of vaccines or a series of intradermal vaccines to attempt sero-conversion.
- Annual vaccination for influenza is required for all students. The student should retain proof of vaccination.
- Vaccination against other infectious diseases may be required, if need arises.

You have access to McGill Student Health Service as soon as you are accepted into the program. You must call 514-398-6017 to make an appointment.

If you choose to complete your immunizations through your family physician or your CLSC, make sure to follow the McGill immunization requirements since McGill Student Health Service will not accept different immunization protocols.

The completed form(s) must be returned to McGill Student Health Service. Upload immunization documentation via [Minerva](#) as soon as possible, and by July 31 of the year in which you are commencing the undergraduate medical education program at the latest.

For the purposes of verification of compliance with the immunization requirements, you grant permission to the Office of Admissions to securely share your immunization form with the McGill Student Health Service.

All immunization requirements must be met by Orientation Day. Students who do not meet these requirements may be asked to withdraw.

For details, see www.mcgill.ca/ugme/academic-policies/infection-control-immunization.

Mask Fit Test

All students are required to have a Mask Fit Test in order to choose the appropriate mask for their use. The University is able to offer this test free of charge. Students will have a mandatory Mask Fit session prior to third-year clerkship.

Students who are pursuing clinical rotations in Canada or the United States may be required to be refitted prior to their arrival at the actual clinical rotation's facility. For details, see www.mcgill.ca/studenthealth/immunize/forms.

Policy on Students Known to be Infected with Blood-borne Viruses (e.g., Hepatitis B, Hepatitis C, and HIV)

Individuals who carry blood-borne pathogens might not be permitted to perform certain procedures that may pose a risk to patients and co-workers.

Students who are seropositive for Hepatitis B and/or C or HIV and/or any other blood-borne agent have a professional obligation to notify the [UGME office](#) upon entry into the program. Specific measures will be undertaken by the UGME office. Rotations may be modified for these students due to these circumstances.

The student will be referred to the *Service d'évaluation des risques de transmission d'infections hématogènes* (SERTIH). Modifications to clinical rotations may be made. The student will be assisted in acquiring appropriate health care. Specific career counselling will be given. Students will be advised not to select residency programs where patient safety would be put at risk. This may limit the residency programs to which the student may apply.

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

Further details are available at www.mcgill.ca/studenthealth, www.mcgill.ca/ugme/academic-policies/infection-control-immunization, www.mcgill.ca/ugme/academic-policies/infection-control-immunization/infection-control-precautions, and www.mcgill.ca/studenthealth/immunize/forms.

8.6.3 Academic Standards and Essential Skills

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

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

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

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

- As a **Medical Expert and Communicator**, the student must have abilities in the areas of observation, communication, motor, intellectual-conceptual, integration, and quantisation.

Adequate skills in observation require that the student be able to accurately observe a patient and acquire visual, auditory, and tactile information. The student must be able to decode written documents, use a stethoscope with or without aids, and observe near and distant objects.

To communicate, the student must be able to speak, write, hear, and perceive non-verbal communication. A student must be able to communicate effectively and sensitively with patients, families, and any member of the health care team. A student must also be able to summarize coherently a patient's condition and management plan verbally and in writing.

The student must possess the motor skills required to directly perform palpation, percussion, auscultation, and other diagnostic manoeuvres in a timely manner. It is also desirable that the student be able to execute motor movements reasonably required to provide general and emergency medical care.

- As a **Medical Expert** and **Scholar**, the student must demonstrate the intellectual, conceptual, integrative, and quantitative abilities to measure, calculate, reason, analyze, and synthesize the information that is gathered, and to problem-solve in a timely fashion.
- As a **Collaborator** and **Manager**, the student must be able to communicate in an efficient and effective manner with patients, their families, members of the health care team, colleagues, and teachers. S/he should be able to develop mature, sensitive, and effective relationships with these individuals. The student should also be able to function in various environments including the ambulatory setting, the hospital and other health care facilities.
- As a **Professional** and **Health Advocate**, behavioural and social attributes are particularly important and must be mastered. These include the application of good judgment and the prompt completion of all responsibilities attendant to the diagnosis and care of patients, as well as an ability to adapt to changing environments and to function in the face of uncertainties. S/he must be able to tolerate the physical, emotional, and mental demands of the program and function appropriately under stress. S/he must consistently demonstrate the emotional health required for full utilization of her/his intellectual abilities.

Compassion, integrity, concern for others, interpersonal skills, interest, and motivation are all personal qualities that physicians must demonstrate and are expected qualities of students.

The student must conform to the [Handbook on Student Rights and Responsibilities of McGill University](#) and the *code de déontologie* (code of ethics) of the [Collège des médecins du Québec](#) (CMQ).

Students in the Faculty will be required to maintain an overall satisfactory academic standing and to meet the said technical standards for the practise of medicine. When submitting an online application, applicants will be prompted to confirm having read this document.



Note for Med-P: Applicants are advised that in order to complete the Med-P year and the Medicine program, students will be required to maintain an overall satisfactory academic standing and to meet the technical standards as per the Essential Skills document for the practice of medicine. When submitting an online application, applicants will be prompted to confirm having read this document.

8.6.4 Registration with the Collège des Médecins du Québec (CMQ)

All students studying medicine in a Quebec university are required by law to register with the *Collège des médecins du Québec* (CMQ) by September 30 of their first year of study. Electronic registration is required. All students enrolled in the M.D.,C.M. program will receive an email from the CMQ office to confirm their registration. A student who fails to comply with this requirement or who has their registration withdrawn will not be permitted to continue in the program. For details please refer to www.cmq.org.

8.6.5 Security (Criminal Record) Check

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



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

8.6.6 Language Proficiency

While there is no required proof of language proficiency, the official language of instruction of McGill's undergraduate medical education program is English.

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

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



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

For more information see www.mcgill.ca/ugme/curriculum/starting-our-program-what-you-need-know/language-requirements.

8.6.7 Information Technology

Because a large portion of the curriculum is available electronically, admitted students must have a personal computer with word processing/office suite software, standard web browsers, and Internet connection. The Medicine E-curriculum can be accessed via [myCourses](#).

Portable workstations such as laptops with wireless network connectivity (Wi-Fi/802.11b or greater; see McGill Wireless Networks at www.mcgill.ca/it) are recommended. On campus, students may have access to restricted computer laboratories, printers, and limited workstations (including Macs) for temporary assistance.

Be advised that electronic media, multimedia, and other information technologies are used by the Faculty for teaching purposes and to promote learning, including being audio- and/or video-recorded as part of the program; for example, at the Steinberg Centre for Simulation and Interactive Learning. By submitting your application, you are indicating your agreement with these terms.

8.6.8 Standards of Behaviour and Code of Conduct

As a student in a professional faculty, individuals are expected to adhere to certain standards of behaviour. Common courtesy and respect are minimal requirements for all members of the academic community (faculty, students, and staff). Although students are in an early stage of their careers, their activities and interests are in two spheres: that of a student/learner and that of a professional (physician/dentist). Even though not yet a doctor or dentist, students are expected to abide by the standards of the profession. The general public expects medical and dental students to act like professionals. There are various codes and statements of rules and regulations which identify these expectations; some will speak primarily to the professional role, whereas others are much more relevant to the experience as a student. Many have components that overlap. For example, honesty and integrity are expected of the student and the professional. Student/faculty harassment, abuse, and mistreatment are not tolerated. For more details, see:

- [Standards of Behaviour in the Learning Environment](#);
- [Code of Conduct](#);
- [Student Mistreatment](#);
- [Guidelines for Medical Students in Social and Other Media](#); and
- [WELL Office](#).

Students who demonstrate inappropriate professional conduct or are found guilty of a criminal offence may be dismissed from the program. All students should consult www.mcgill.ca/secretariat/policies/students for further information.

8.6.9 Medical Equipment

Students are responsible for the purchase of their own medical equipment. The following are required during the first year:

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

The following laboratory supplies are also required:

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

Students are also responsible for purchasing two white lab jackets for the first year via the Undergraduate Medical Education Office. Information about this and the “White Coat Ceremony” will be circulated at the beginning of the first year. The Ceremony is held in September of the second year.

It is also recommended that students purchase a pager for TCP (Transition to Clinical Practice) and Clerkship (Core and Senior Clerkship).

8.7 Registration Procedures

8.7.1 Program Registration

New Students

All students entering the four-year M.D.,C.M. program must initiate registration on the web via [Minerva](#). The Minerva registration period for newly admitted Medicine students is **June 13 to August 14, 2016**; further information is available [here](#).

In order for the official registration in the M.D.,C.M. program at McGill to be confirmed, the student must also present him or herself, with proper documentation, at the **Faculty Registration and Orientation** held from **August 23 to August 26, 2016**. **ATTENDANCE IS MANDATORY**. For more details, consult www.mcgill.ca/ugme/curriculum.

Failure to attend orientation will result in cancellation of the student's offer of admission to the program and registration.

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

Returning Students

All returning students must register on the web by adding the courses per term and year on Minerva. Returning students must register by the deadline specified or pay the appropriate late registration fees.

For further information, consult [Minerva](#) and the registration information emailed to returning students in early April, as well as www.mcgill.ca/importantdates.

8.7.2 Leaves of Absence



Note: This section is subject to change. Students should refer to www.mcgill.ca/ugme/academic-policies/absences-and-leaves.

Leaves of absence during medical studies are generally discouraged, and the few exceptions are granted only for reasons of health or family crises. Requests for leave must be discussed with the Associate Dean. Permission is granted by the Dean. A request must be accompanied by supporting documentation (e.g., a letter from the student's physician/counsellor). In general, a medical leave is granted for up to one year. The Faculty reserves the right to impose a limitation on the number as well as the total duration of leaves.

A student returning from a medical leave must provide supporting documentation from the treating physician/counsellor. These documents must state that the student is capable of resuming his/her studies. Should a prolongation be requested, the Faculty of Medicine reserves the right to require a second opinion from a Faculty-designated physician.

Once the leave has been approved by the Dean, the student's registration and fees must be clarified with the Student Records Officer. Students may be required to forfeit all or part of their tuition fees. All students must have an interview with the [Student Aid Office](#) to reassess impact on financial aid.

Leaves of absence will be noted on official transcripts and Medical Student Performance Records/Dean's letter.

8.7.3 Requirements for the Degree of M.D.,C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty years of age.
2. Candidates must have fulfilled all the requirements for entrance to the Faculty of Medicine.
3. No one is permitted to become a candidate for the degree who has not attended at least two full academic years at this University's Faculty of Medicine.
4. Every candidate for the degree must have passed all the required evaluations of the medical curriculum.

8.7.4 Requirements for License

Candidates accepted for admission are reminded that it is their personal responsibility to ensure that they fulfil all the licensing requirements of the country in which they intend to practise medicine. A university degree does not confer the right to practise. In each province of Canada, in each state of the United States, and in all other countries, the authority to license is vested in a licensing body which has its own special laws and requirements. In many cases, a special standard of general education is insisted upon before beginning the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years or more before a licence to practise can be obtained.

Candidates accepted for admission should therefore communicate as soon as possible with the licensing body of the country, province or state in which they intend to practise, and obtain from that licensing body the necessary instructions.

Candidates wishing to practise medicine in the province of Quebec must also meet the French language requirement for professionals, as described in the University Regulations and Resources: : [Language Requirements for Professions](#).

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards as follows:

College of Physicians & Surgeons of Alberta

2700-10020 100 Street NW
Edmonton AB T5J 0N3 Canada
Telephone: 780-423-4764
Fax: 780-420-0651
Website: www.cpsa.ca

College of Physicians and Surgeons of British Columbia

300-669 Howe Street
Vancouver BC V6C 0B4 Canada
Telephone: 604-733-7758
Toll-Free: 1-800-461-3008
Fax: 604-733-3503
Website: www.cpsbc.ca

The College of Physicians & Surgeons of Manitoba

1000-1661 Portage Ave

Winnipeg MB R3J 3T7 Canada
Telephone: 204-774-4344
Toll-Free (in Manitoba): 1-877-774-4344
Fax: 204-774-0750
Website: www.cpsm.mb.ca

Dr. Ed Schollenberg, Registrar
College of Physicians and Surgeons of New Brunswick
One Hampton Road, Suite 300
Rothesay NB E2E 5K8 Canada
Telephone: 506-849-5050
Toll-Free: 1-800-667-4641
Fax: 506-849-5069
Website: www.cpsnb.org

College of Physicians and Surgeons of Newfoundland and Labrador
120 Torbay Road, Suite W100
St. John's NL A1A 2G8 Canada
Telephone: 709-726-8546
Fax: 709-726-4725
Website: www.nmb.ca

College of Physicians and Surgeons of Nova Scotia
Suite 5005-7071 Bayers Road
Halifax NS B3L 2C2 Canada
Telephone: 902-422-5823 (Main)
Toll-Free: 1-877- 282-7767
Fax: 902-422-7476
Website: www.cpsns.ns.ca

College of Physicians and Surgeons of Ontario
80 College Street
Toronto ON M5G 2E2 Canada
Telephone: 416-967-2603 (General Inquiries)
Toll-Free: 1-800-268-7096 ext. 603
Fax: 416-961-3330
Website: www.cpsso.on.ca

The College of Physicians and Surgeons of Prince Edward Island
14 Paramount Dr.
Charlottetown PE C1E 0C7 Canada
Telephone: 902-566-3861
Fax: 902-566-3986
Website: cpspei.ca

Collège des médecins du Québec
2170 René-Lévesque Boulevard West
Montreal QC H3H 2T8 Canada
Telephone: 514-933-4441
Toll-Free: 1-888-633-3246
Fax: 514-933-3112
Email: info@cmq.org
Website: www.cmq.org

College of Physicians and Surgeons of Saskatchewan
101 - 2174 Airport Drive
Saskatoon SK S7L 6M6 Canada
Telephone: 306-244-7355
Fax: 306-244-0090 (General)
Website: www.cps.sk.ca

Medical Council of Canada
2283 St. Laurent Blvd. Suite 100

Ottawa ON K1G 5A2 Canada
For inquiries on Medical Council of Canada (MCC) examinations
Telephone: 613-520-2240
Fax: 613-248-5234
Email: service@mcc.ca
Website: mcc.ca

United States Medical Licensing Examination Secretariat

3750 Market Street
Philadelphia PA 19104-3102 U.S.A.
Telephone: 215-590-9700
Fax: 215-590-9460
Email: webmail@nbme.org
Website: www.usmle.org

8.8 Medical Curriculum

The following refers to the four-year undergraduate medical curriculum leading to the M.D.,C.M. (*Medicinae Doctorem et Chirurgiae Magistrum*) degree.

8.8.1 Curriculum Renewal – Governance

Serving society's needs is of the utmost importance and requires training graduates who are well-equipped to assume leadership roles in their communities. This entails keeping a constant watchful eye towards advancing the M.D.,C.M. program curriculum and continuous fine-tuning to ensure it remains in step with the health sciences environment (of the 21st century in Quebec, nationally, and globally, including rapid advances in scientific knowledge). The undergraduate medical education program is overseen by the *M.D.,C.M. Program Committee*. This committee makes and enacts policies relevant to the design and delivery of the M.D.,C.M. program. It ensures that the program is aligned with the Faculty's mission statement and that it complies with relevant accreditation standards. It has responsibility for the design, management, integration, evaluation, and continual improvement of the medical curriculum. The Chair of the committee is the Associate Dean (UGME). There is wide student representation within all educational committees, whether at the M.D.,C.M. Program Committee, its subcommittees, and discipline subcommittee levels.

For more information on M.D.,C.M. program governance see www.mcgill.ca/ugme/about-us/governance/mdcm-program-committee.

8.8.2 Evaluation System

The Evaluation System is multifaceted and under constant review by the Faculty. The Faculty reserves the right to change any of these rules and regulations at any time, although in general such changes will not come into effect in the middle of a Promotion Period. For complete Faculty regulations, reference should be made to the Faculty of Medicine's Undergraduate Medical Education [Academic Policies](#).

The Faculty operates on a modified pass/fail system. This in effect means that students' standings, class rank, and grades in courses and rotations are not available to any external agency such as hospitals, universities or licensing bodies. For purposes of internal use students' numerical grades are used in the calculations required for student feedback, academic advising and promotion, awards, prizes, Dean's Honour List designation, academic bursaries, and Faculty medals.

For the purposes of evaluation, the four-year curriculum is broken down into promotion periods. (Subject to change; see below.)

8.8.2.1 Promotion Periods

Promotion Period I includes Fundamentals of Medicine Year 1 courses and Physician Apprenticeship 1. The promotion periods for the remaining three years of the curriculum are under review. For details regarding promotion regulations, please refer to www.mcgill.ca/ugme/academic-policies/promotion-regulations.

Please refer to the appropriate edition of the Health Sciences Calendar at www.mcgill.ca/students/courses/calendars.

8.8.2.2 Student Promotions

The *Student Promotions Committee* (SPC) will review the academic record, professional conduct, and general performance of any student on a regular basis and will determine whether the student may proceed to the next promotion period.

No evaluation, examination mark, etc. shall be considered final until passed by the SPC. Where a student has failed one or more units, or has been found to have been engaged in unprofessional conduct, the SPC will automatically review the student's entire academic record and general performance. The SPC may require the student:

- a. to undergo remedial rotation(s);
- b. to repeat an entire Promotion Period;
- c. to be suspended from the program for up to one year; or
- d. to be dismissed from the program.

A student who obtains a "failure" or two or more "borderline" grades with the new curriculum as of Class of 2017 or a "failure" or two or more "Below Expectations" for the Class of 2016 will be placed on probation.

Academic offences such as plagiarism and cheating on examinations, including examinations administered by the Faculty of Medicine on behalf of external agencies, and unprofessional conduct, are considered serious offences which could lead to dismissal from the program. A student who engages in criminal activity and/or who is found guilty of having violated the criminal code will have his/her dossier referred to the SPC; this may be considered evidence of unsuitability for the practice of medicine and grounds for dismissal from the program.

The Faculty reserves the right to dismiss from the program any student who is considered incompetent and/or unsuitable for the practice of medicine (see www.mcgill.ca/ugme/academic-policies/promotion-regulations).



Note: For selected students, the program includes a one-year integrated clerkship in Gatineau/Hull or outside the city of Montreal. Promotion criteria is the same as Montreal.



Note: Success on a final exit exam (one of either the *Medical Council of Canada (MCC) Qualifying Exam Part 1*, the *United States Medical Licensing Exam (USMLE) 2 CK*, or an in-house examination) is required for graduation, beginning with the Class of 2018. (This information is subject to change.)

8.8.2.3 Failure of Supplemental Examinations or Remedial Rotations

A failure in a supplemental examination or remedial rotation in Promotion Periods I, II, III, IV, and V 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.**

The results of all supplemental examinations and the evaluation result of remedial clinical rotations will be recorded in the official transcripts as supplemental examinations, and will be considered as such for purposes of promotion.

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 on the [Undergraduate Medical Education website](#).

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/about-us/governance/mdcm-program-committee.

