



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

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

1 . McGill University reserves the right to mak

Publication Information

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1 Medicine

1.1 Location

Faculty of Medicine

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

Educational Services

McIntyre Medical Sciences Building
3655 Promenade Sir-William-Osler, Room 601
Montreal QC H3G 1Y6
Canada

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.

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

Pascale Mongrain; CPA-CA, Lawyer

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

Annette Majnemer; B.Sc.(O.T.), M.Sc., Ph.D.(McG.), F.C.A.H.S.

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

Mara S. Ludwig; M.D.(Manit.)

Beth-Ann Cummings; M.D.,C.M.(McG.), M.Sc.(Maastricht), F.R.C.P.(C)

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

Armand Aalamian; M.D.,C.M.(McG.), C.C.F.P., F.C.F.P.

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

Leonora Lalla; M.D.,C.M.(McG.), C.C.F.P.

Miriam Boillat; M.D.,C.M.(McG.), C.C.F.P., F.C.F.P.

Lesley Fellows; M.D.,C.M.(McG.), D.Phil.(Oxf. & Balliol)

Gilles Brousseau; M.D.(Montr.), F.C.F.P.

Evelyn Constantin; M.D.,C.M., M.Sc.(McG.), F.R.C.P.(C)

Namta Gupta; M.D.(Manit.), C.C.F.P., F.C.F.P.

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

Robert Primavesi; M.D.,C.M.(McG.), F.C.F.P.(EM) (*Acting*)

Francesca Luconi; B.A., M.Ed., Ph.D.(McG.)

Helene Rousseau; M.D.(Montr.), C.C.F.P., F.C.F.P.

Jim Gourdon; D.V.M.(Montr.)

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

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

Executive Director

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

Vice-Dean (Education)

Vice-Dean (Life Sciences)

Vice-Dean (Academic Affairs)

Associate Dean (Undergraduate Medical Education)

Associate Dean (Biomedical B.Sc., Graduate and Postdoctoral Affairs)

Associate Dean (Postgraduate Medical Education)

Associate Dean (Research)

Associate Dean (Continuing Professional Development)

Associate Dean (Faculty Development)

Assistant Dean (Academic Affairs)

Assistant Dean (Medical Education, Outaouais Satellite Program)

Assistant Dean (Postgraduate Medical Education)

Assistant Dean (Student Affairs)

Assistant Dean (Resident Professional Affairs)

Assistant Dean (Admissions)

Assistant Dean (Continuing Professional Development)

Assistant Dean (Rural Education)

Director, McIntyre Animal Resources Centre

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.

Mail: McIntyre Medical Building
3655 Promenade Sir-William-Osler, 6th Floor, Room 601
Montreal QC H3G 1Y6
Office: 3706 Peel (Lady Meredith Annex)
Email: president.mss@mail.mcgill.ca; vice-president.mss@mail.mcgill.ca

The Society is an association of all registered medical students. Acting through its elected council and v

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.

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](#)

Dentistry - Purchases of Equipment and Materials Fee

Fourth Year

\$2660.72

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.

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 f

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

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

McGill University Teac

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 DaGill for Gill for

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'Outaouaisneau*

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

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 vvtioj10 0 1 275.7y31 83T2t in educama06 0 1 275.7y3895 83T2

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 ha

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

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*)

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 bc H3G 1Y6

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,

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;
-

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*)

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*)

A. C. Lauzon (*Chemical Engineering*)
A. C. Lauzon (*Chemical Engineering*)
D. Guitton (*Neurology and Neurosurgery*)

Adjunct Professors

G.B. Pike (Calg.)

A. Reader (King's, Lond.)

T. Veres (NRC)

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.)

6.9.2.1 Courses

RADD 301 – TCP Radiology

6.9.3 Diagnostic Radiology Faculty

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 kno

- 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.)

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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

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: undergr

Associate Professors

A. Aalamian

M. Affilalo

A. Andermann

G. Bartlett-Esquilant

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. Gaipman, 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,

Lecturers

Bouhadana, N. Boulanger, C. Bourbonnière, A. Bourgon, H. Boyer, L.T. Breger, M. Brenhouse, E. Bridges, T. Brind'Amour, R. Brunner, J. Bussi eres, 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. D esy, C. Dionne, T.-H. Do, C. Dobrich, A.M. Dollois, A. Dominquez, 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. Folot-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. Hagggar, 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. Jett e, 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. Labont e, 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. Nanhou, 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. Pich e, J. Pigeon, J. Podavin, M. Poirier, S. Popescu-Crainic, M.S. Potter, E. Potvin, D. Pouteau, G.J. Pratt, G. Pr evost, S. Prevost, G. Proulx, M. Proulx, E. Provost, E. Remillard, A. Richard, G. Richer A. Rig A. Rizzuto, E. Rober e, M. Rona, L. Rooke, J. Rosenber

T.H. Tran, H.P. Tran-Le, C. Tremblay, F. Tremblay, O. Triffault, N. Tris496 Tm(, E. Po309.35 418.24 Tm(, J.M.)Tj1 0 0 1 329.682 418.24 Tm(T)Tj1 0 0 1 334.348 418

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

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*) (

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
McGill University Health Centre – Glen Site
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.

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. Guttman, 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. Mouland, 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. Schif

Assistant Professors

Smith, C. Soulellis, M. Stanciu, M. Starr, M. Stein, D. Stern, J.A. Stewart, J. Storrington, N-Z. Sun, A. Szilagy, M. Teltscher, G. Thanassoulis, S. Tinawi, L. Trudeau, A. Tsoukas, M. Tsoukas, L. Vautour, J. Verdon, A. Verma, E. Vinet, D. Vinh, M. Walker, D. Wan-Chow-Wah, B. Wang, P. Warshawsky, C. Watts, C. Weber, P. Willemot, J. Wiseman, J. Wyse, H. Yanofsky, C. Yansouni, C. Yeadon, D. Yee, M. Young, O. Yu, G. Zaharatos, P. Zanelli

Lecturers

E. Adelson, N.A. Ahmed, R. Audet, D. Azran, L. Babins, G. Beaulieu-Boire, D. Bechard, H. Benoualid, R. Bilefsky, D. Boisvert, M. Boufassa, J.-F. Brouillette, C. Cassis, M. Chicoine LeBel, M. Clamen, G. Cote, M. Dallaire, M. Di Lorenzo, R. Djiana, C. Dumont, I. Dylewski, A. Farah, E. Ferland, R. Fish, O. Fournier-Blake, S. Fox, S. Fujioka, N. Germain-Lacroix, A. Ghavami, F. Giard, E. Gilbert, M. Girouard, C. Gomberg, D. Grunbaum, J. Harvey, S. Javaheri, N. Kelner, C. Kempf, R. Kennedy, E. Kokoskin, T.B. Lam Tu, I. Lebovich, M. Lessard, C. Levesque, I. Lowensteyn, D. Macek, L. Moleski, A.T.D. Nguyen, T.T. Nguyen, J. Okapuu, S.D. Potoker, M. Rasti, H. Reisler, A. Roy, C. Sairam, R. Schiff, E. Shahin, H.Y. Shiu, R. Starra, M. Tahan, D. Tatu, D. Thibeault, G. Thibert, T. Toledano, P. Tran, H. Turner, D. Valcourt, M.-H. Verreault, T.-Y. Wang, J. Wangg, M. Weber, N. Wong, M. Zoghy

Associate Members

B. Abdulkarim, H.A. Abenhaim, M. Abrahamowicz, S. Ahmed, R. Andersen, M. Angle, G. Bartlett-Esquillant, 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. Jadoo, 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.

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. Marczyński; 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. Mouland, K. Pantopoulos, B. Turcotte, J. Xia

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

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

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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.

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

Core Courses

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

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](#)

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

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.

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,

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.(W

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

B. Kieffer; Ph.D.(Strasbourg)

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

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

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

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

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

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

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

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

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

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

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

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

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. Beneirakis; 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.(La

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)

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

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

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 dev

6.29.5 Social Studies of Medicine (SSMD) Faculty

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. Tchervakov

M. Tanzer

C.I. Tchervakov

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.0 Tf

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 "W

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

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 under

Established in 2011 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 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 McCloud Student Research Bursary

Established in 2015 by Theresa McCloud, 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.'83, 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.

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,

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 F

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. A

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. Borigt to pro

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.

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.V

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.

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: \$4

Canada

Website: www.mcgill.ca/medicine

Educational Services

McIntyre Medical Sciences Building

3655 Promenade Sir-William-Osler, Room 601

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 mak

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 be

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

Telephone: 514-398-3517

Fax: 514-398-4631

Email: admissions.med@mcgill.ca

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

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**.

- 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 mo9 0 1 88570sD8Pu0 0 0 8 Tf1 0 0 44.232 0 1 RG/F2 8.on.

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) a1f.094 Tm(Thissitorj1 0

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](#).

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 v 376m(o communicate, the studpercei)Tj1 0 0

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,

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

Winnipeg MB R3J 3T7 Canada
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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

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Fax: 902-422-7476
Website: www.cpsns.ns.ca

College of Physicians and Surgeons of Ontario

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Fax: 416-961-3330
Website: www.cpsso.on.ca

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Collège des médecins du Québec

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College of Physicians and Surgeons of Saskatchewan

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Fax: 306-244-0090 (General)
Website: www.cps.sk.ca

Medical Council of Canada

2283 St. Laurent Blvd. Suite 100

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.

