McGill
HEALTH
SCIENCES

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

Estimated value: $5,000; renewable.

Dr. Alexander Macdonald Memorial Bursary

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

Dr. Ben Benjamin Memorial Bursary

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

Dr. Clarence Rosenhek Memorial Bursary

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

Value: varies.

Dr. David Cynberg Memorial Bursary

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

Dr. David M. and Donalda L. Harvey Scholarship

Established in 1995 by Dr. David M. Harvey M.D.'55, and his wife Donalda L., to support medical students based on academic standing and demonstrated financial need. The scholarship is tenable in any year and may be renewed. Awarded by the Scholarships and Student Aid Office.

Value: varies.

Dr. David T.W. Lin Foundation Scholarship

Established in 1993 in honour of Dr. David T.W. Lin, B.Sc.'37, M.D.'40, O.C., Surgeon Emeritus at the Royal Victoria Hospital, Honorary President of the Montreal Chinese Hospital and a leader in the Chinese community. Awarded by the Scholarships and Student Aid Office to a medical student on the basis of academic achievement and demonstrated need. Preference will be given to students of Chinese origin.

Dr. E.M. Fisher Memorial Scholarship

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

Dr. Elfric D. Brown Bursary in Medicine

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

Value: varies.

Dr. Harold N. Lynge Bursaries

Established in 2004 by Dr. Harold N. Lynge, M.D.,C.M.'49, for one or more undergraduate medical students in good academic standing in the Faculty of Medicine who demonstrate financial need. Awarded by the Scholarships and Student Aid Office on the basis of financial need.

Dr. Henry Kenneth Neilson Bursary

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

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

Established in 2009 through the estate of the late J. Robert Bo

Established in 2007 by William Jacob Heller, B.Com.'78. Awarded by the Scholarships and Studeoatom.'78.

Value: varies.

Marjorie Hampson Bursaries

Established in 2005 by Lawrence G. Hampson, B.Sc.'47, M.D.,C.M.'49, M.Sc.'53, Dip. Surgery'55, in memory of his wife Marjorie Hampson, for one or more medical students in good academic standing who demonstrate financial need. Awarded by the Scholarships and Student Aid Office.

Mark J. Cohen Bursaries in Medicine

Established in 2003 by Mark J. Cohen, M.D.,C.M.'92, for M.D.,C.M. students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of financial need to one or more students in good academic standing.

Martha Jane Poulson Memorial Scholarship

Established in 2002 by the Class of Medicine 1980 to honour the memory of Martha Jane Poulson, M.D.,C.M.'80. Dr. Poulson exemplified excellence in the practice of both the art and science of Medicine. She also had a remarkable commitment to developing her skills and sensitivities in the arts and humanities. As a concert pianist, singer, and leader in her community, she overcame physical adversity with emotional and spiritual strength that awed her friends and colleagues. Awarded on the basis of financial need by the Scholarships and Student Aid Office to medical students in good academic standing. Preference shall be given to students with physical disabilities.

Mary and Stuart Webster Bursary Fund

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

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

Maureen Peszat Bursary

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

Merle Peden Bursary

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

Mila Oh Bursary

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

The Montreal Medico-Chirurgical Society Bursaries

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

Mr. and Mrs. Saul Radowitz Scholarship

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

Muriel and Ernest Corso Bursaries in Medicine

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

Nancy Catherine Hall Scholarship

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

Nat Christie Scholarships

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

Value: minimum $1,200.

Phyllis Aida Daly du Fresne Kennedy Memorial Bursary

Established in 1984 by family and friends in memory of Mrs. Kennedy. Awarded to under01 Tw/F15dt7/nyw3 8.1 Tf1 0 ts in nWtce: minimum $1,200.Medicine.

Reuben Ross Memorial Award

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

Richard Mackler Major Entrance Bursary

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

Estimated value: $5,000.

Robert Rolf Struthers Bursary

The income from a bequest of Robert Rolf Struthers (Medicine 1918) provides support for a needy Canadian student entering third-year Medicine. Awarded by the Scholarships and Student Aid Office.

Robert Sharwood Memorial Scholarship

Tenable in any year of the undergraduate course in Medicine. It is awarded by the Scholarships and Student Aid Office on the basis of distinguished academic standing and financial need.

Rubin Becker Bursary

Established in 2013 by Salvatore Guerrera and other grateful patients, in honour of Rubin Becker, B.Sc.'72, M.D.,C.M.'76, to support one or more full-time students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

Samuel Eidlow Memorial Bursary

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

Samuel Rosenfeld Bursary

Established by Ida Rosenfeld Letovsky in memory of her late husband, Samuel Rosenfeld, to support worthy undergraduate medical students. Awarded by the Scholarships and Student Aid Office.

Shirley Auld Bursaries

Established in 2007 by Dr. Peter Auld, M.D.,C.M.'52, in memory and in honour of his late wife, Shirley Auld. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program on the basis of financial need.

Simon And Rosalie Halpern Memorial Scholarship

Established by the late Dr. Fanny G. Halpern in memory of her parents. Awarded by the Scholarships and Student Aid Office to medical students of the Roman Catholic or Jewish faith who have distinguished academic standing and financial need.

Solomon David Sacks Bursary

Established in 1973 by Mr. and Mrs. Issie Sacks in memory of their son, to assist a deserving medical student in financial need. Awarded by the Scholarships and Student Aid Office.

Sydney Blidner Memorial Scholarship

Established in 1996 by a bequest of the late Pauline Blidner Krupp in memory of her brother. Awarded by the Scholarships and Student Aid Office to worthy undergraduate students in any year in the Faculty of Medicine on the basis of academic standing and financial need.

Tannenbaum Entrance Bursary

Established in 2009 through the generous bequest of Mr. Hyman O. Tannenbaum to assist students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office to one or more students on the basis of financial need and good academic standing.

Estimated value: $5,000.

T. F. Rose Bursary

Established in 2010 through the generous bequest of Sylvia Rose, honouring the wishes of her late husband, T.F. Rose, M.D.,C.M.'43, for undergraduate students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

Walter J. Hoare Memorial Scholarship

Endowed by the late Dr. Charles W. Hoare, a graduate of McGill University, in memory of his son, Walter J. Hoare, who was killed in World War I. Preference is given to graduates of the Collegiate Institutes of the counties of Essex, Kent and Lambton entering the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office.

Winnifred And James Fergus Memorial Bursary

Established in 2012 by Evelyn Fergus, in memory of her parents, Winnifred and James Fergus, for one or more students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of good academic standing and demonstrated financial need.

Value: varies.

5.5.4.2 Loan Funds

Alec and Sylvia Dollin Loan Fund
Established in 1965 by Mr. Alec Dollin to provide loans for medical students.

Boright Loan Fund
Established in 1963 by a bequest from the late George H. Boright to provide loans to deserving medical students.

Boswell James Loan Fund
Established in 1943 by Dr. A. Boswell James to provide loans for undergraduates and graduate medical students.

Clement C. Clay Memorial Loan Fund
Established in 1985 by a bequest from Clement C. Clay, M.D.'32, to provide loan assistance for students born in the United States who are registered in the Faculty of Medicine.

David M. Cald

Value: varies.

Mary and Louis Streicher Prize
Established in 1980. Awarded to the student with the highest standing in the Digestion and Metabolism course.
Value: varies.

5.5.5.3 YEAR 2: TCP

Campbell Howard Prize in Clinical Medicine

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

Value: varies.

Christine Hwang Leadership Award

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

Value: varies.

Class of Medicine 1988 Community Health Alliance Project (CHAP) Prizes

Established in 2014 by the Class of Medicine 1988 in honour of their 25th anniversary of graduation, to recognize one or more medical students in the M.D.,C.M. program. The Prizes will be awarded to those who have undertaken the best community project within the Community Health Alliance Project (CHAP), with a view to affecting positive change in the society. Awarded on an annual basis by the Faculty of Medicine on the basis of merit.

Value: varies.

Harry S. Gross Memorial Prize

Bequeathed by the late Mrs. Esther B. Gross in memory of her late husband, Harry S. Gross, D.D.S. 1913, M.D.,C.M. 1921. Awarded to the student with the highest standing in the Transition to Clinical Practice Surgery course.

Value: varies.

Mr. and Mrs. J.A. Besner Prize

Awarded to the student obtaining the highest standing in the Transition to Clinical Practice component.

Value: varies.

5.5.5.4 YEAR 3

Albert William Fulton Scholarship in Medicine

Established in 2013 through the generous bequest of the late Emily Tatiana Fulton, in memory of her husband, Albert William Fulton, B.A.'58, whose love and appreciation of history and teaching enriched his life. Awarded by the Faculty of Medicine to an outstanding student enrolled in the full-time undergraduate, M.D.,C.M. program on the basis of academic merit. Preference will be given to Canadian students.

Value: varies.

CMA 150th Anniversary Award

Established in 2017 by the CMA Foundation in celebration of the Canadian Medical Association's 150th anniversary. For one full-time M.D.,C.M.

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Alexander D. Stewart Prize

Founded by the late W. Grant Stewart (Arts, 1885; Medicine, 1888) in memory of his brother, the late Alexander D. Stewart (Medicine, 1888). Awarded to the member of the graduating class who, in the opinion of the Faculty, presents in every aspect the highest qualifications to practise the profession.

Value: varies.

Brian Newton Memorial Award

Established by the Class of Medicine 1985, in appreciation for the education they received at McGill, and in memory of their fellow classmate Brian Newton, B.Sc.'81, M.D.,C.M.'85. Awarded by the Faculty of Medicine's Committee on Student Promotions and Curricular Outcomes to the student who obtains the highest standing in the Obstetrics and Gynecology clerkship.

Estimated value: $2,500.

Dr. Allen Spanier Prize for Professionalism in Medicine

Established in 1999 by Beverly Spanier, B.A.'67 to honour the memory of her brother Dr. Allen Spanier, M.D.,C.M.'72. Dr. Spanier was chief of the Intensive Care Unit at the Jewish General Hospital for 21 years. Awarded annually by the Faculty of Medicine to a graduating student who has maintained high academic standing and exhibited a high standard of professionalism and compassion towards patients, their families, fellow students, and University and hospital staff during the Practice of Medicine component of the curriculum. In case of equally meritorious candidates, financial need will be used to determine the recipient.

Minimum value: $500.

Dr. Joseph Tanzman Award

Established in 1975 in honour of Dr. Joseph Tanzman, M.D. 1927.. Joseph

Presented upon graduation to a distinguished student for excellence and high academic standing. Preference given to women students.
Value: varies.

Mona Bronfman Sheckman Prize

Established in 1953. Awarded annually to a fourth year student in the Faculty of Medicine for the highest standing in Psychiatry.
Value: minimum $1,250.

Montreal Children’s Hospital Student Prize for Pediatrics Excellence

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

Newell W. Philpott Award

Established in 1986 by the Department of Obstetrics and Gynecology in honour of Newell W. Philpott, M.D. 1926, Chairman of the Department from 1943 to 1956. This award is to commemorate Dr. Philpott's excellence as a teacher of medical students and residents as well as his many contributions in the field and to the Department of Obstetrics and Gynecology. Awarded to a graduating student for academic achievement and clinical excellence on the recommendation of the Department.
Value: $500.

Psychiatry Prize

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

Reilly Madsen Prize

Established to honour the memory of Reilly Madsen who was Manager, Records and Research, Development and Alumni Relations Services. Awarded, on recommendations from faculty and students, to a student with good academic standing who had demonstrated exceptional warmth and empathy towards patients.
Value: $600.

Robert Forsyth Prize

Bequeathed by the late Miss Jeanie Forsyth, awarded annually to the graduating student who has shown particular ability in all branches of Surgery.
Value: varies.

Ronald Douglas Naymark Award

Established by the Medical Class of 1984 in memory of Ronald Douglas Naymark, B.Sc., M.D.,C.M. (McGill), this award is given to that member of the graduating class who most enriches the life of the class in the eyes of his or her peers. The award seeks to recognize an individual who inspires trust and confidence, optimism and enthusiasm in his or her medical colleagues. The individual is a participant in class activities and is in satisfactory academic standing.
Estimated value: $500.

Scriver-Steinberg Convocation Prize in Human Genetics and Metabolism

Established in 2013 by Charles R. Scriver, B.A.'51, M.D.,C.M.'55, D.Sc.'07, a renowned geneticist and Alva Professor Emeritus of Human Genetics at McGill, and H. Arnold Steinberg, B.Com.'54, LL.D.'00, Chancellor of McGill and past Senior Executive of Steinberg Inc., who began working together in the early 1970s to solve problems: some affecting the health of populations, others affecting citizens with rare genetic diseases. This prize recognizes a person with exceptional potential to translate knowledge into practice to make a difference in the well-being of patient, family, or community. Awarded by the Faculty of Medicine to a deserving graduating M.D.,C.M. student who has pursued research in the field of genetics and metabolism, or to a student

section 5.6.1.5: Doctor of Medicine & Master of Surgery with Master of Business Administration (Joint M.D.,C.M. & M.B.A.) Medicine & Management

The M.D.,C.M. & M.B.A. program recognizes that there is an increasing demand in the health care sector for physicians with management skills and expertise. This is a five-year program in which the first year is spent in the Desautels Faculty of Management completing the M.B.A. core as well as building a solid background in health care management.

Then, the students will begin their medical studies, which will be integrated with additional elective courses in management. This will provide the opportunity to train well-rounded physician-managers who can eventually pursue careers in a wide range of health care areas, from the smallest clinic to the largest tertiary health care facility; from research laboratory to university or hospital medical departments, as well as the private sector within pharma/biotechnology firms and the health insurance sector, among others.

section 5.6.1.6: Doctor of Medicine & Master of Surgery with Ph.D. (Joint M.D.,C.M. & Ph.D.)

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

section 5.6.1.7: Doctor of Medicine & Master of Surgery with Oral & Maxillofacial Surgery (Joint M.D.,C.M. & O.M.F.S.) Medicine & Oral and Maxillofacial Surgery

McGill University, through the Faculties of Medicine and Dentistry, offers a joint M.D.,C.M. & Oral and Maxillofacial Surgery Program. Upon successful completion of this six-year program, students will receive an M.D.,C.M. degree from the Faculty of Medicine and a Certificate in Oral and Maxillofacial Surgery from the Faculty of Dentistry.

Admission Requirements

Candidates must possess a D.D.S. or D.M.D. degree from an accredited North American dental school and be eligible to obtain a limited dental license from the *Ordre des dentistes du Québec*. (A limited license can be issued by the *Ordre des dentistes du Québec* without prior testing of French language competency.)

Candidates must also pass the National Board of Medical Examiners Comprehensive Basic Science Examination prior to commencing the program and receive a grade above 70%. Please check the *AAOMS website* for more details. Results must be available prior to the application deadline.

Candidates must be certified in ACLS prior to the start of the program.

Application Information

Admission is through the Faculty of Dentistry. All applications must be submitted electronically at *www.mcgill.ca/applying/apply* (Application Type: postgrad Med/Dent Education).

The application period starts August 1; the application deadline is September 1.

section 5.6.1.8: Bachelor of Science (B.Sc.) - Medicine Preparatory Program (Med-P Program)

INDS 112	(6)	Respiration
INDS 113	(8)	Circulation
INDS 114	(8)	Digestion and Metabolism
INDS 115	(6)	Renal
INDS 116	(6)	Defense
INDS 117	(6)	Infection
INDS 118	(6)	Movement
INDS 123J1	(1)	Research Fundamentals 1
INDS 123J2	(1)	Research Fundamentals 1
INDS 123J3	(1)	Research Fundamentals 1
INDS 124J1	(1)	Longitudinal Family Medicine Experience
INDS 124J2	(1)	Longitudinal Family Medicine Experience
INDS 124J3	(1)	Longitudinal Family Medicine Experience
INDS 125J1	(0)	Reflection and Evaluation 1
INDS 125J2	(0)	Reflection and Evaluation 1
INDS 125J3	(0)	Reflection and Evaluation 1
INDS 211	(6)	Reproduction and Sexuality
INDS 212	(12)	Human Behaviour
INDS 223	(1.5)	Research Fundamentals 2
INDS 225	(0)	Reflection and Evaluation 2

Transition to Clinical Practice

ANAE 301	(2)	TCP Anesthesia
FMED 301	(3)	TCP Family Medicine
IMED 301	(7)	TCP Internal Medicine
INDS 224J1	(.666)	Community Health Alliance Project - C.H.A.P
INDS 224J2	(.667)	Community Health Alliance Project - C.H.A.P
INDS 224J3	(.667)	Community Health Alliance Project - C.H.A.P
INDS 305	(1)	Transition to Clerkship
INDS 323	(0)	TCP Integrated Assessment
NEUR 301	(2)	TCP Neurology
OPTH 300	(1)	TCP Ophthalmology
PAED 301	(2)	TCP Pediatrics
RADD 301	(1)	TCP Radiology
SURG 301	(4)	TCP Surgery

Clerkship

ELEC 400	(4)	Elective 1 Clerkship
ELEC 401	(3)	Elective 2 Clerkship
ELEC 402	(3)	Elective 3 Clerkship
ELEC 403	(3)	Elective 4 Clerkship
ELEC 404	(3)	Elective 5 Clerkship

FMED 405	(8)	Family Medicine Clerkship
IMED 401	(8)	Internal Medicine Clerkship
IMED 407	(4)	Geriatric Medicine Clerkship
INDS 408	(4)	Emergency Medicine Clerkship
INDS 421	(8)	Transition to Residency
INDS 423	(0)	Clerkship Integrated Assessment 1
INDS 424	(0)	Clerkship Integrated Assessment 2
INDS 426	(6)	Putting It All Together: Basic Science, Medicine and Society
INDS 427	(1)	Public Health and Preventive Medicine Clerkship
OBGY 401	(6)	Obstetrics and Gynecology Clerkship
PAED 401	(6)	Pediatrics Clerkship
PSYT 401	(8)	Psychiatry Clerkship
SURG 402	(8)	Surgery Clerkship

Physicianship

INDS 119J1	(1)	Clinical Method 1
INDS 119J2	(1)	Clinical Method 1
INDS 119J3	(1)	Clinical Method 1
		Physician

5.6.1.5 Doctor of Medicine & Master of Surgery with Master of Business Administration (Joint M.D.,C.M. & M.B.A.) Medicine & Management

** This program is currently closed for admissions. **

The M.D.,C.M. & M.B.A. program recognizes there is an increasing demand in the health care sector for physicians with management skills and expertise. This is a five-year program in which the first year is spent in the Desautels F

The Med-P curriculum consists of courses in molecular biology, cell biology and metabolism, organic chemistry (where applicable), along with a selection of courses in fields such as computer science, intermediate chemistry, physiology, and mathematics. Students are required to take courses in the Humanities

within the Faculty and across the Univ

Note: Applicants with no basic science prerequisites whatsoever will not be considered.

Successful NTP applicants will be admitted to a Qualifying year to be undertaken chiefly in the Faculty of Science. NTP students in the Qualifying year must maintain a cumulative grade point average of at least 3.5, with no grades lower than a B in order to continue on into the four-year M.D.,C.M. program. NTP applicants are also not eligible to apply to joint programs offered by the Faculty of Medicine.

For more details, please consult the *Office of Admissions website*.

5.6.3.1.3 International Medical Graduates (with Advanced Standing)

The Faculty of Medicine accepts applications from international medical graduates (IMG), i.e., applicants who have obtained a recognised medical degree outside Canada or the United States, who are also residents of Quebec. Applications will be accepted from qualified international medical graduates (from a university outside of Canada or the U.S.). The application deadline is November 1, and the program begins the following April.

Successful IMG applicants will enter the program at the

The assessment of academic performance for M.D.,C.M. applicants holding university degrees (excluding Quebec Non-Traditional, Quebec First Nations and Inuit, and Quebec International Medical Graduate) is based on the following:

1. Undergraduate degree cumulative grade point average (DegGPA);
2. Academic performance in the basic sciences (science prerequisites);
3. Overall academic context.

The primary basis of the assessment of undergraduate degree performance is the **degree cumulative grade point average** (DegGPA) used for the basis of admission. Successful applicants have historically demonstrated a DegGPA above 3.5 out of 4.0 (average approximately 3.8). Applicants with a DegGPA below 3.5 are rarely considered to be competitive.

The Admissions Committee reserves the right not to consider those who do not have a minimum of 60 consecutive undergraduate graded credits (i.e., two full-time academic years) at the time of application.

For information on degree requirements, consult *section 5.6.4: Eligibility Requirements*.

Performance in the Basic Science Prerequisites

The average of GPA scores in basic science prerequisite courses as undertaken either in college, university, or acceptable pre-university alternatives will be considered. The basic science GPA (SciGPA) is assessed separately from the degree GPA (DegGPA). Advanced studies in the basic sciences may also be considered in this assessment.

Candidates seeking an exemption or substitution for the basic sciences are encouraged to contact the admissions office between June and September of the year they wish to apply to medicine. The admissions office reserves the right to not consider requests for exemption or substitution for basic sciences after September 30.

Successful applicants tend to have a SciGPA above 3.5 out of 4.0 (average approximately 3.8). Applicants with a SciGPA below 3.2 are rarely considered to be competitive.

For information on basic science prerequisites, consult *section 5.6.4.2: Basic Science Prerequisites*.

Consideration of the MCAT

Where valid MCAT results are submitted (whether required or not), results will be considered in conjunction with the SciGPA (50/50 weighting). Where the MCAT is optional, students are counselled to submit MCAT scores only if they are confident that these scores provide stronger evidence of their abilities in the basic sciences than their SciGPA would independently.

Note: For more information about which applicants are required to submit an MCAT score, please see *section 5.6.4: Eligibility Requirements* and *section 5.6.4.3: MCAT (Medical College Admission Test)*.

Where valid MCAT results are submitted for the 2014 MCAT and earlier, the Biological Sciences, Physical Sciences, and Verbal Reasoning sections will be used.

Results in all categories from the 2015 and later MCAT exams will be considered. The lowest competitive score for the 2015 test is generally 508+ or above the 80th percentile.

Academic Context

Consideration is given to the overall academic record as represented in the DegGPA, as well as the distribution of course levels, graduate studies, and pursuit of professional programs, as evidenced in the official academic records.

Students are encouraged to pursue challenging and diverse topics, to have a progression in their course selection, and are generally expected to pursue a full course load in each of their regular sessions.

CEGEP Performance for Med-P

5.6.4.1 Undergraduate Degree

For Applicants in the University Categories

These requirements apply to applicants who apply holding university degrees in either the Quebec resident, Out-of-Province Canadian, or International categories. Quebec residents applying through the First Nations and Inuit of Quebec Faculties of Medicine Program, the Non-Traditional Pathway, or the Med-P should refer to their respective applicant category (as defined in *section 5.6.3.2: Applicant Categories*).

The degree used as the basis of admission must be successfully completed by July 31 of the year of entry to the M.D.,C.M. program. This degree must be a Bachelor's degree and meet the following conditions:

Basis of Admission (Undergraduate) Degree

A 120-credit (“four-year”) or equivalent bachelor's degree from an ac(-yeargTjptheir respectiH.2)Tj 1 an1 353.299 66878 T33(gree from 0 0iscite)ne0 1 498.619 6531si

- The assessment of basic science performance is based upon a candidate's academic results in the relevant science prerequisite courses as undertaken either in college, university

3. must be in the final year and obtain (by July 31 of the entering year) a Diploma of Collegial Studies (DEC) in one of the stated programs;
4. must not have extended the length of their program for reasons of personal choice (*2);
5. must have a minimum of six courses (13.33 credits) in each regular semester (*2);
6. must not have taken any of the prerequisite courses listed below in a context outside of a regular semester (*2);
7. applicants are responsible for ensuring that they have completed the following courses and successfully achieved the competency codes:

For the Science (200.xx) program:

- Biology: NYA (00UK), General Biology II (00XU);
- Chemistry: NYA (00UL), NYB (00UM), Organic Chemistry I (00XV);
- Mathematics: NYA (00UN), NYB (00UP);
- Physics: NYA (00UQ), NYB (00UR), Mechanics (00UV), Electricity and Magnetism (00UW), Waves and Optics (00UX), Modern Physics (00UZ);

Students in the *Sciences, Lettres et Arts (700.A0)* program must obtain the Biology objectives of 01Y5 and 01YJ (along with all other program requirements) and should complement their program with Chemistry 01YH and at least one of Physics 01YF or 01YG in order for their application to be considered. Students who are missing any prerequisites based on the list above may be asked to complete them during the preparatory year.

Students in the *IB-DEC (200.10)* program must complete (along with all other program requirements) a minimum of two courses (5.33 credits) in Biology, three courses (8.00 credits) in Chemistry, including Organic Chemistry, two courses (5.33 credits) in Mathematics and one course (2.67 credits) in Physics in order for their application to be considered. Preference is given to those who most closely adhere to the list of prerequisites above. Those admitted intor for their appli

Applications for the Med-P program must be received **by March 1**.

For students admitted to the M.D.,C.M. program, notification of acceptance of the offer must be accompanied by a deposit of CAD$500, which will be applied to the student's tuition fees. The deposit is refundable up to May 15 for international students and up to June 15 for non-Quebec Canadians and Quebec residents applying to the M.D.,C.M., M.D.,C.M./Ph.D. or M.D.,C.M./M.B.A. programs. For students admitted to the Med-P program, notification of acceptance of the offer must be accompanied by a deposit of CAD$400, which will be applied to the student's tuition. For Med-P applicants, the deposit is refundable up to July 15.

Waiting List

The admissions office does not release rankings of admitted students. Waitlist rankings will be released at a time when all necessary information has been processed and not necessarily when the offer for a waitlist position is made. The admissions office reserves the right to withdraw an admissions offer in the case where a candidate fails to respond within the prescribed timeframe. Candidates who accept a place on the waitlist, therefore, must be reachable at all times and keep their contact information up-to-date in *Minerva*.

Decision by Proxy

Students may designate a delegate (“proxy”) to accept or refuse an offer on their behalf, should they be unavailable for a period of time. The student must submit a written statement to this effect and must include signatures from both the applicant and the proxy.

5.6.5.6 Deferred Admission

A written request, which includes the details on the reasons for the request (with supporting documentation), must be submitted no later than July 1 of the year in which deferral is sought. In order to request deferral, the candidate must have accepted the offer of admission. If granted, admission will only be deferred for one (1) year. Deferred admission is not granted for the Med-P program. Deferrals are granted or refused at the discretion of the Assistant Dean.

5.6.5.7 Advanced Standing or Transfer of Credits

Transfers

There are no places available for students who wish to transfer to McGill. Students currently in medical schools are not eligible to apply to the first year of the program unless their application provides proof of withdrawal from that medical school and that they meet all the admission requirements to the M.D.,C.M. program.

Credits and Advanced Standing

The Faculty will not credit courses successfully completed before the official start in the medicine program with the exception of International Medical Graduates (IMG) accepted in the advanced standing category. For more information, see *www.mcgill.ca/medadmissions/programs/mdcm-img*.

5.6.6 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.

5.6.6.1 Basic Cardiac Life Support

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

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

Infectious Diseases and Infection Controlsociation

You have access to McGill Student Health Service as soon as you are accepted into the program. You must call 514-398-6017 to make an appointment.

If you choose to complete your immunizations through your family physician or your CLSC, make sure to follow the McGill immunization requirements since McGill Student Health Service will not accept different immunization protocols.

The completed form(s) must be returned to McGill Student Health Service. Upload immunization documentation via *Minerva* as soon as possible, and by July 31 of the year in which you are commencing the undergraduate medical education program at the latest.

For the purposes of verification of compliance with the immunization requirements, you grant permission to the Office of Admissions to securely share your immunization form with the McGill Student Health Service.

All immunization requirements must be met by Orientation Day. Students who do not meet these requirements may be asked to withdraw.

For details, see *www.mcgill.ca/ugme/academic-policies/infection-control-immunization*.

Mask Fit Test

All students are required to have a Mask Fit Test in order to choose the appropriate mask for their use. Students must have a mandatory Mask Fit session prior to Transition to Clinical Practice (TCP). The University is able to offer this test free of charge.

Students who are pursuing clinical rotations in Canada or the United States may be required to be refitted prior to their arrival at the actual clinical rotation's facility.

Please see *www.mcgill.ca/studenthealth*.

Policy on Students Known to be Infected with Blood-borne Viruses (e.g., Hepatitis B, Hepatitis C, and HIV)

Individuals who carry blood-borne pathogens might not be permitted to perform certain procedures that may pose a risk to patients and co-workers.

Students who are seropositive for Hepatitis B and/or C or HIV and/or any other blood-borne agent have a professional obligation to notify the *UGME office*

- As a **Medical Expert** and **Scholar**, the student must demonstrate the intellectual, conceptual, integrative, and quantitative abilities to measure, calculate, reason, analyze, and synthesize the information that is gathered, and to problem-solve in a timely fashion.
- As a **Collaborator** and **Manager**, the student must be able to communicate in an efficient and effective manner with patients, their families, members of the health care team, colleagues, and teachers. S/he should be able to develop mature, sensitive, and effective relationships with these individuals. The student should also be able to function in various environments including the ambulatory setting, the hospital and other health care facilities.
- As a **Professional** and **Health Advocate**, behavioural and social attributes are particularly important and must be mastered. These include the application of good judgment and the prompt completion of all responsibilities attendant to the diagnosis and care of patients, as well as an ability to adapt to changing environments and to function in the face of uncertainties. S/he must be able to tolerate the physical, emotional, and mental demands of the program and function appropriately under stress. S/he must consistently demonstrate the emotional health required for full utilization of her/his intellectual abilities.

Compassion, integrity, concern for others, interpersonal skills, interest, and motivation are all personal qualities that physicians must demonstrate and are expected qualities of students.

The student must conform to the ***Handbook on Student Rights and Responsibilities of McGill University*** and the ***code de déontologie*** (**code of ethics**) of the *Collège des médecins du Québec* (CMQ).

Students in the Faculty will be required to maintain an overall satisfactory academic standing and to meet the said technical standards for the practise of medicine. When submitting an online application, applicants will be prompted to confirm having read this document.

Note for Med-P: Applicants are advised that in order to complete the Med-P year and the Medicine program, students will be required to maintain an overall satisfactory academic standing and to meet the technical standards as per the Essential Skills document for the practice of medicine. When submitting an online application, applicants will be prompted to confirm having read this document.

5.6.6.4 Registration with the CMQ

All students studying medicine in a Quebec university are required by law to register with the *Collège des médecins du Québec* (CMQ) by September 30 of their first year of study. Electronic registration is required. All students enrolled in the M.D.,C.M. program will receive an email from the CMQ office to confirm their registration. A student who fails to comply with this requirement or who has their registration withdrawn will not be permitted to continue in the program. For details please refer to *www.cmq.org*.

5.6.6.5 Security (Criminal Record) Check

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

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

5.6.6.6 Language Proficiency

While there is no required proof of language proficiency, the official language of instruction of McGill's undergraduate medical education program is English.

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

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

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

For more information see *www.mcgill.ca/ugme/mdcm-curriculum-joint-programs/starting-our-progr*

5.6.6.8 Standards of Behaviour and Code of Conduct

As a student in a professional faculty, individuals are expected to adhere to certain standards of behaviour. Common courtesy and respect are minimal requirements for all members of the academic community (faculty, students, and staff).

5.6.7.2 Leaves of Absence

Note: This section is subject to change. For the complete Absences and Leaves Policy, students should refer to *www.mcgill.ca/ugme/academic-policies/absences-and-leaves*.

Leaves of absence during medical studies are generally discouraged, and the few exceptions are granted only for reasons of health or family crises. Requests for leave must be discussed with the Associate Dean (Undergraduate Medical Education) or Assistant Dean (Student Affairs). The student must submit documentation to support the leave request (*e.g.*

1000-1661 Portage Avenue
Winnipeg MB R3J 3T7
Canada
Telephone: 204-774-4344
Toll-Free (in Manitoba): 1-877-774-4344
Fax: 204-774-0750
Email: *cpsm@cpsm.mb.ca*
Website: *www.cpsm.mb.ca*

Dr. Ed Schollenberg, Registrar
College of Physicians and Surgeons of New Brunswick
One Hampton Road, Suite 300
Rothesay NB E2E 5K8
Canada
Telephone: 506-849-5050
Toll-Free: 1-800-667-4641
Fax: 506-849-5069
Website: *www.cpsnb.org*

College of Physicians and Surgeons of Newfoundland and Labrador
120 Torbay Road, Suite W100
St. John's NL A1A 2G8
Canada
Telephone: 709-726-8546
Fax: 709-726-4725
Email: *cpsnl@cpsnl.ca*
Website: *www.cpsnl.ca*

College of Physicians and Surgeons of Nova Scotia
Suite 5005-7071 Bayers Road
Halifax NS B3L 2C2
Canada
Telephone: 902-422-5823 (Main)
Toll-Free: 1-877- 282-7767
Fax: 902-422-7476
Email: *info@cpsns.ns.ca*
Website: *www.cpsns.ns.ca*

College of Physicians and Surgeons of Ontario
80 College Street
Toronto ON M5G 2E2
Canada
Telephone: 416-967-2603 (General Inquiries)
Toll-Free: 1-800-268-7096 ext. 603
Fax: 416-961-3330
Email: *feedback@cpso.on.ca*
Website: *www.cpso.on.ca*

The College of Physicians and Surgeons of Prince Edward Island
14 Paramount Drive
Charlottetown PE C1E 0C7
Canada
Telephone: 902-566-3861
Fax: 902-566-3986
Website: *cpspei.ca*

Collège des médecins du Québec
1250 René-Lévesque Boulevard West, Office 3500
Montreal QC H3B 0G2
Canada
Telephone: 514-933-4441
Toll-Free: 1-888-633-3246

Fax: 514-933-3112
Email: *info@cmq.org*
Website: *www.cmq.org*

College of Physicians and Surgeons of Saskatchewan
101 - 2174 Airport Drive
Saskatoon SK S7L 6M6
Canada
Telephone: 306-244-7355
Fax: 306-244-0090 (General)
Email: *cpssinfo@cps.sk.ca*
Website: *www.cps.sk.ca*

Medical Council of Canada
1021 Thomas Spratt Place
Ottawa ON K1G 5L5
Canada
For inquiries on Medical Council of Canada (MCC) examinations
Telephone: 613-520-2240
Fax: 613-248-5234
Email: *service@mcc.ca*
Website: *mcc.ca*

United States Medical Licensing Examination Secretariat
3750 Market Street
Philadelphia PA 19104-3102
USA
Telephone: 215-590-9700
Fax: 215-590-9460
Email: *webmail@nbme.org*
Website: *www.usmle.org*

5.6.8 Medical Curriculum

The following refers to the four-year undergraduate medical curriculum leading to the M.D.,C.M. (*Medicinae Doctorem et Chirurgiae Magistrum*) degree.

5.6.8.1 Curriculum Renewal – Governance

Serving society's needs is of the utmost importance and requires training graduates who are well-equipped to assume leadership roles in their communities. This entails keeping a constant, watchful eye towards adv

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Professors

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Associate Professors

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

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

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

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

Geoffroy P. Noël; Ph.D.(Br. Col.)

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

Assistant Professors

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

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

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

Gabriel Venne; Ph.D.(Qu.)

Nicole Ventura; Ph.D.(Qu.)

Associate Members

Daniel Bernard (*Pharmacology and Therapeutics*)

Claire Brown (*Physiology*)

Colin Chalk (*Neurology and Neurosurgery*)

Jean-François Cloutier (*Neurology and Neurosurgery*)

Claudio Cuello (*Pharmacology and Therapeutics*)

Giovanni DiBattista (*Medicine*)

Allen Ehrlicher (*Bioengineering*)

Alyson Fournier (*Neurology and Neurosurgery*)

Lisbet Haglund (*Surgery*)

Janet Henderson (*Medicine*)

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

Svetlana Komarova (*Dentistry*)

Stephane Laporte (*Medicine*)

Associate Members

Andréa Leblanc (*Neurology and Neurosurgery*)

Stéphanie Lehoux (*Medicine*)

Heidi McBride (*Montreal Neurological Institute*)

Peter Metrakos (*Sur*

Montreal QC H3G 1Y6

5.7.2.2 Courses

ANAE 301 – TCP Anesthesia

5.7.2.3 Electives

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

5.7.2.4 Anesthesia Faculty

Chair

T. Schricker

Vice-Chair

D. Chartrand

C. Goyer

Professors

J.F. Asenjo

S.B. Backman

K. Brown

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

F. Carli

L. Diatchenko

R. Finlayson

G. Plourde

T. Schrick

5.7.2.4.1 Anaesthesia Research Unit Faculty

Director

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

Professors

J. Mogil (*Director, Alan Edwards Centre for Research on Pain & Chair, Canadian Institute for Health Research*)

L. Diatchenko (*Canadian Chair in Human Pain Genetics, Alan Edwards Centre for Research on Pain*)

5.7.3 Artificial Cells and Organs Research Centre

5.7.3.1 Location

McIntyre Medical Sciences Building
3655 Promenade Sir-William-Osler, Room 1004
Montreal QC H3G 1Y6
Telephone: 514-5 T25272gl39 653781.6aoc91h.75 Tm(h Centr(T)Tj8ng) 641.08 T.t Tm 0 080.407T

Associate Members

P.E. Barre (*Medicine*)

R. Cacere (*Surgery*)

E. Georges (*Biotechnology*)

C. Hoesil (*Chemical Engineering*)

M. Levy (*Medicine*)

M. Kinsella (*Bioengineering*)

D. Nicolau (*Bioengineering*)

P. Ponka (*Medicine*)

D. Shum-Tim (*Surgery*)

5.7.4 Biochemistry

5.7.4.1 Location

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

5.7.4.2 Core Courses

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

5.7.4.3 Other Courses

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

5.7.4.4 Biochemistry Faculty

Chair5.7.4.4

Professors

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Associate Professors

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

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

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

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

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

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

Assistant Professors

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

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

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

Lawrence Kazak; Ph.D.(Camb.)

William Pastor; Ph.D.(Harv.)

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

Associate Members

Gary Brouhard (*Dept. of Biology*)

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

Gergely Lukacs (*Dept. of Physiology*)

Janusz Rak (*Dept. of Medicine*)

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

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

Reza Salavati (*Inst. of Parasitology*)

Maya Saleh (*Dept. of Medicine*)

Associate Members

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

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

Ivan Topisirovic (

Professors

Associate Members

C. Pack (*Neurology and Neurosurgery*)

D. Pasini (*Mechanical Engineering*)

W. Reisner (*Physics*)

A. Shmuel (

5.7.8.2 Electives

See the *Elective Program*

5.7.10 Emergency Medicine

5.7.10.1 Location

Montreal General Hospital
1650 Cedar Avenue, Room B2.117
Montreal QC H3G 1A4
Website: *www.mcgill.ca/emergency*

5.7.10.2 Courses

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

INDS 408 – Emergency Medicine Clerkship

5.7.10.3 Electives

See the *Elective Program* for elective opportunities.

5.7.11 Epidemiology, Biostatistics, and Occupational Health

5.7.11.1 Location

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

5.7.11.2 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*.

5.7.11.3 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.

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

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

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

The McGill residency program in Public Health and Preventive Medicine trains specialists to identify health problems in populations; to plan, implement, and evaluate programs to promote health and control disease; and to apply this knowledge to community-oriented clinical practice. The practice of public health and preventive medicine requires the development of knowledge in several academic fields (epidemiology, statistics, administration, and economics) and skills in dif

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

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

5.7.11.7 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.

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

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

5.7.11.9 Graduate Courses in Occupational Health

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

5.7.11.10 Epidemiology, Biostatistics and Occupational Health Faculty

Chair

G. Paradis

Emeritus Professors

M.R. Becklake; M.B.B.Ch., M.D.(Witw.D.Health F.DR.CM.Sc.PM.oractiv(.H.))Tj1 0 0 1 70. 1 513.38 T. Lippman;CBM.Sc.Cornell.Health P Tm((..Scsors)TG/F2 8.1

Emeritus Professors

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

Professors Post-Retirement

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

Associate Professors

P. Héroux; B.Sc.(Laval), M.Sc., Ph.D.(I.N.R.S.)

E.E.M. Moodie; B.A.(Winn.), M.Phil.(Camb.), Ph.D.(Wash.) (*William Dawson Scholar*)

A. Nandi; B.S.(Coll. of New Jersey), M.P.H.(Col.), Ph.D.(Johns Hop.) (*joint appt. with Institute for Health and Social Policy*) (*Canada Research Chair*) (*on leave Sept. 2017 to Aug. 2018*)

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

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

A. Schmidt; B.Sc., M.Sc.(Federal Rio de Janeiro), Ph.D.(Sheff.)

E. Strumpf; B.A.(Smith), Ph.D.(Harv.) (*joint appt. with Economics*) (*William Dawson Scholar*)

P. Tousignant; B.A., M.D.(Laval), M.Sc.(McG.), F.R.C.P.(C) (PT)

Assistant Professors

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

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

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

A. Daftary; B.Sc.(Manit.), M.Sc.P.H.(Col.), Ph.D.(Tor.) (*joint appt. with MUHC-RI*)

K. Dehghani; B.Sc.(SUNY), M.Sc.(N'western), M.D.(Tor.), M.Sc.P.H.(Harv.), C.C.F.P.(C), F.R.C.P.(C)

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

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

A. Koski; B.Sc.(Michigan Tech), MPH(Emory), Ph.D.(McG.)

M. Maheu-Giroux; B.Sc.(Montr.), M.Sc.(McG.), D.Sc.(Harv.)

S. Martin; M.D.(Tor.), M.Sc.(McG.) (PT)

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

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

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

P. Saha Chaudhuri; B.Sc.(Presidency Univ.), M.Stat.(Indian Stat. Inst.), M.S., Ph.D.(W

Associate Members

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

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

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

Sociology: S. Clark

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

Lecturers

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

Adjunct Professors

Asociación Civil Selva Amazónica Peru: M. Casapia

Boehringer Ingelheim GmbH: D. Bartels

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

Caro Research: J. Caro

Concordia University: P.E. Boileau

Contex: J.P. Gauvin

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

Harvard Univ.: J. Brownstein

Hôpital Ste. Justine: M. Henderson

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

INESSS: D. Roy

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

Montreal Chest Hospital Centre: P. Rohan

Mount Sinai: M. Baltzan

Public Health Agency of Canada: G. Thomas-Reilly

Shire Inc.: A. Koutsavlis

Univ. of Bern: A. Chiolero

Univ. of Calgary: A Clarke

Univ. Hospital Basel: J.R. Young

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

Univ. de Sherbrooke: C. Rochefort

5.7.12 Family Medicine

5.7.12.1 Location

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

5.7.12.2 Core Courses

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

Lecturers

Mailhot, L. Mandjelikan, A. Manganas, A. Mannard, S. Manoli, N. Marceau, M.H. Marchand, M. Marleau, P. Martel, K.M. Martin, J. Mason, E. Massey, P. Mathers, J. Maunders, H. Mavromichalis, I. Mbonjo, P. McCabe, C. McConnery, N. McGee, E. McKay, R. Melameth, G. Melancon, Z. Meliji, L. Melnyk, D. Mercier, P. Merrett, C. Meyers, M.N. Michaud, G. Mimran, M. Miquelon, B. Mitelman, H. Mitnick, P. Moise, S. Mojica, R. Mooallem, S. Moore, S. Morel, M.-M. Morin, V. Morin, S. Morris, P. Moschona, E. Mosconas, M. Munoz, J. Munoz-Mejia, G. Mimran, J. Nadon, N.S. Nakhostine, V. Nally, I. Nandlall, A. Nanhou, L. Narasiah, J. Nayar, N. Neylon, C. Nguyen, C.-N. Nguyen, L.A. Nguyen, M.C. Nguyen, T.A. Nguyen, T.A.T. Nguyen, Y.N. Nguyen-Duong, O. Normandin, M. Odell,M. Ohayon-Tapiero, A. Omar, T. O'Neill, O. Onyekwelu, A. Orr, M. Orzeszyna, G. O'Shaughnessy, R. Ostrofsky, M.-J. Ouimet, E. Pantazopoulos, E. Papillon, J. Paradis, N. Paradis-Robert, M. Parent, F. Pasquini, R. Payeur, E. Pearson, M.F. Pelletier, S. Pelletier, B. Perez, D. Perreault, M. Persson, D. Peters-Mainville, M. Pham, T.D. Pham, M. Pham-Dinh, R. Piché, J. Pigeon, T. Pirlog, J. Podavin, M. Poirier, D. Poitras, S. Popescu-Crainic, R. Popovici, M.S. Potter, E. Potvin, D. Pouteau, G.J. Pratt, G. Prévost, S. Prevost, G. Proulx, M. Proulx, E. Provost, C. Psyharis, G. Rankin, C. Reimer, E. Remillard, D. Ricella, A. Richard, J. Richard-Ross, G. Richer, S. Richer, A.K. Richter, K. Ridgeway, M. Rif, A. Rigault, L.F. Rivero Lopez, L.F. Rivero-Pinelo, A. Rizzuto, G. Rochette-Gratton, E. Roberge, P. Roche, I. Rodier, M.F. Rollin-Andrée, D. Rompre, M. Rona, L. Rooke, J. Rosenberg, R. Rosenberg, A. Rosengren, A. Ross, J. Rozen, M. Rozon-Rivest, A.S. Rubin, E. Rydz, G. Roy, P. Saba, O. Sabella, S. Sacks, D. Saint-Jacques, N. Sahi, R. Saksena, S. Saluja, K. Sancton, J. Sandhurst, J. Sarrazin, G. Satenstein, M.E. Saul, R. Sava, C. Savard-Woods, V. Savoie, R.I. Sawoniak, A. Schachter, M. Schipper, J. Schreiber, D. Schwarcz, S. Sebbag, A. Selim, D. Serero, P. Ser

Telephone: 514-398-3600
Website: *www.mcgill.ca/humangenetics*

5.7.14.2 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.

5.7.14.3 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 P*

Professors

S. Vidal; Ph.D.(Genève) (*Medicine*)

Associate Professors

A. Ao; Ph.D.(UCL)

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

N. Braverman; B.Sc.(Cornell), M.Sc.(Sarah Lawrence), M.D.(Tulane) (*Pediatrics*)

K. Dewar; Ph.D.(Laval) (*Genome Quebec*)

Y. Joly; Ph.D.(McG.) (*Centre of Genomics and Policy*)

J. Majewski; B.Sc., M.Sc.(Stan.), Ph.D.(Wesl.)

P. Moffatt; Ph.D.(Montr.) (*Pharmacology*)

R. Nadon; B.A., M.A., Ph.D.(C’dia)

I. Ragoussis; Ph.D.(T

Lecturers

K-E. Canales (*Medicine*)

S. Drury (*Pediatrics*)

S. Fox (*Medicine*)

L. Kasprzak (*Medicine*)

M. Lalous (*Medicine*)

L. Macrae (*Medicine*)

L. Palma (*Medicine*)

M. Richard (*Pediatrics*)

G. Sillon (*Medicine*)

L. Whelton (*Medicine*)

N. Wong (*Medicine*)

S. Zaor (*Medicine*)

Adjunct Professors

C-M. Chisholm (*Children's Hospital of Eastern Ontario*)

T. Chiu (*Children's Hospital of Eastern Ontario*)

M. Cloutier (*Children's Hospital of Eastern Ontario*)

E. Creede (*Children's Hospital of Eastern Ontario*)

D. Gauguier (*Cordeliers Research Centre*)

C. Goldsmith (*Children's Hospital of Eastern Ontario*)

B. Gottleib (*Medicine*)

E-L. Grundberg (*The Children's Mercy Hospital*)

V.A. Hastings (*Children's Hospital of Eastern Ontario*)

L. Higgins (*Children's Hospital of Eastern Ontario*)

C. Honeywell (*Children's Hospital of Eastern Ontario*)

T-M. Pastinen (*The Children's Mercy Hospital*)

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

Adjunct Member

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

Associate Members

Biochemistry: P. Gros, D. Thomas

Bioethics: J. Kimmelman

Cardiology: J. Genest

Core Molecular Diagnostic Laboratory - Cytogenetics: J. Lavoie

Dentistry: L. Diatchenko

Endocrinology: C. Polychonakos, B. Richards

Epidemiology, Biostatistics and Occupational Health: C. Greenwood

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

Law: R. Gold

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

Nephrology: I. Gupta

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

Associate Members

Obs.-Gyn.: A. Naumova

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

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

Surgery: P. Roughley

5.7.15 Medical Physics

5.7.15.1 Location

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

5.7.15.2 Graduate Programs

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

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

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

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

Assistant Professors

S. Enger; Ph.D.(Uppsala)

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

M. Hobson; PhD.(Wisc. Madison)

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

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

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

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

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

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

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

Affiliate Members

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

Adjunct Professors

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

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

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

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

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

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

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

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

5.7.16 Medicine

5.7.16.1 Location

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

5.7.16.2 Core Courses

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

IMED 301 – TCP Internal Medicine

IMED 401 – Internal Medicine Clerkship

5.7.16.3 Graduate Courses

Experimental Medicine

See the Faculty of Medicine's *Graduate and Postdoctoral Studies* section.

5.7.16.4 Medicine Faculty

Chair

J. Martin

Emeritus Professors

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

Professors

M.A. Alaoui-Jamali, S. Ali, C. Autexier, A. Barkun (*Douglas G. Kinnear Professor of Medicine*), M. Baron, A. Bateman, G. Batist, N. Beauchemin, O. Beauchet (*Dr. Joseph Kaufmann Professor of Geriatric Medicine*), M. Behr, H. Bennett, H. Bergman, S. Bernatsky, A. Bitton, V. Blank, J. Bourbeau, C.W. Bourque, J. Brophy, M. Cantarovich, H. Chertkow

Lecturers

E. Adelson, N.A. Ahmed, P. Anand, M. Arrieta, R. Audet, D. Azran, L. Babins, D. Barolet, G. Beaulieu-Boire, D. Bechard, H. Benoualid, J. Bertrand, J. Biem, R. Bilefsky , D. Boisvert, T.C. Botnaru, M. Boufassa, S. Bourrelli, J.-F. Brouillette, I. Brousseau-Tremblay, C. Cassis, M. Chicoine LeBel, M. Clamen, G. Cote, M. Dallaire, A. Dekis, M. Di Lorenzo, R. Djiana, C. Dumont, I. Dylewski, A. F

5.7.17.4 Microbiology and Immunology Faculty

Interim Chair

G. Matlashewski

Emeritus Professors

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

Professors

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

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

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

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

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

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

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

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

Associate Professors

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

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

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

J. Fritz; Ph.D.(Vienna)

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

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

Assistant Professors

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

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

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

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

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

Associate Members

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

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

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

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

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

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

Adjunct Professors

A. Bar-Or

E. Cohen

A. Descoteaux

J.M. Di Noia

Adjunct Professors

E. Emani

A. Finzi

N. Grandvaux

G. Kukolj

P. Lau

S. Lesage

S.L. Liu

5.7.18.3 Electives

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

5.7.18.4 Graduate Courses

See the Faculty of Medicine's *Graduate and Postdoctoral Studies* section.

5.7.18.5 Neurology and Neurosurgery Faculty

5.7.18.5.1 Montreal Neurological Institute Faculty

Director and Chair of the Department of Neurology and Neurosurgery

5.7.19.3 Electives

The Department provides several electives for medical students. See the *Elective Pr*

5.7.20.4 Oncology Faculty

Chair

E. Franco

Professors

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

Associate Professors

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

Assistant Professors

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

Lecturers

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

Associate Members

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

Adjunct Professors

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

5.7.21 Ophthalmology

5.7.21.1 Location

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

5.7.21.2 Core Courses

OPTH 300 – TCP Ophthalmology

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

5.7.21.3 Electives

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

5.7.21.4 Ophthalmology Faculty

Chair

L. Levin

Professors

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

Associate Professors

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

Director of Head and Neck Oncology Program

N. Sadeghi

Director of Undergraduate Medical Education

J. Young

Director of Fellowship Training

J. Rappaport

Emeritus Professor

Professors

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

Assistant Professors

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

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

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

J.

Telephone: 514-398-7125
Email: *edith.zorychta@mcgill.ca*
Website: *www.mcgill.ca/pathology*

5.7.23.2 Core Courses

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

5.7.23.3 Electives

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

5.7.23.4 Other Courses

PATH 300 – Human Disease

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

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

5.7.23.5 Pathology Faculty

Chair

Z. Gao

Director of Graduate Program

E. Zorychta

Professors

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

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

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

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

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

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

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

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

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

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

Associate Professors

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

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

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

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

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

Associate Professors

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.(Carol Davila, Bucharest)

L. Rochon; M.D.(Sher

Assistant Professors

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

Lecturers

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

Associate Members

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

Adjunct Professors

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

5.7.25 Pharmacology and Therapeutics

5.7.25.1 Location

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

5.7.25.2 About the Department of Pharmacology and Therapeutics

Tepa 0 0 1 67.52 24 520.32 T.52 1nstruc8.52 1n

Professors

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

Associate Professors

J. Tanny

Assistant Professors

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

Associate Members

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

Adjunct Professors

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

Affiliate Members

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

5.7.26 Physiology

5.7.26.1 Location

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

5.7.26.2 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.

5.7.26.3 Physiology Faculty

Chair

John White

ogra 331.121 56

Graduate Program Director

Alvin Shrier

Emeritus Professors

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

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

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

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

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

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

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

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

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

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

Professors

Maurice Chacron; Ph.D.(Ott.)

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

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

Leon Glass; B.S.(Brooklyn), Ph.D.(Ch7463 495. Tm0H8Ch74 (

Watt; M.D., Ph.D.(McG.)9216 0 Tm 7804 0.9216 0 00 06(a 0.9804 0.9216 0.8431 RG ET 67.52 442.187 101 m ())TA 53cil 569.48 672.267 l

Assistant Professors

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

Gil Bub; B.Sc., Ph.D(McG.)

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

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

Arjun Krishnaswamy; B.Sc. Ph.D.(McG.)

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

Anastasia Nijnik; M.Biochem., Ph.D.(Oxf.)

Masha Prager-Khoutorsky; B.Sc., Ph.D.(Hebrew)

Daniela Quail; B.Sc., Ph.D.(W.Ont.)

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

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

Associate Members

Anaesthesia: Steven Backman

Biomedical Engineering: Robert Kearney, Satya Prakash

Biomedical Ethics: Jennifer Fishman

Kinesiology and Physical Education: Dilson Rassier

Mathematics: Anthony Humphries

Medicine: Nicole Bernard, Volker Blank, Mark Blostein, Andrey Cybulsky, Geoffrey Hendyeri0 37s 8Tj1 s/.D.(McG.)3ae5-Geni0 .326 Tm(y Hendy533.71 0 0 1 331.7

PSYT 401 – Psychiatry Clerkship

5.7.27.3 Electives

The Department provides several electives for medical students. See the *Elective Program* for elective opportunities.

5.7.27.4 Graduate Courses

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

5.7.27.5 Psychiatry Faculty

Chair

G. Turecki

Director of Graduate Program

N. Mechawar

Emeritus Professors

F. Abbott; B.Sc.(McM.), M.Sc., Ph.D.(McG.)

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

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

F. Engelsmann

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

A. M. Ghadirian

C. Gianoulakis; Ph.D.

H. A. Guttmann; M.D.

J.C. Negrete; M.D., Dip.Psych.

G. Pinard, M.D.

S. Young

Professors

C. Benkelf

Professors

B. Kieffer; Ph.D.(Strasbourg)

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

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

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

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

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

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

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

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

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

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

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

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

R.O. Pihl; B.A.(Lawrence), Ph.D.(Ariz.) (*Psychology*)

J. Poirier; Ph.D.(Montr.)

R. Quirion; M.Sc., Ph.D.(Sher.)

C. Rousseau; M.Sc.(McG.), M.D.,C.M.(Sher.)

L.K. Srivastava; B.Sc., M.Sc.(Allahabad), Ph.D.(J. Nehru)

H. Steiger; Ph.D.(McG.)

B. Thombs; B.A.(N'western), M.A.(Ariz.), Ph.D.(NYU)

G. Turecki; M.Sc., M.D.,C.M., Ph.D.(McG.) (*William Dawson Scholar*)

C.-D. Walker; B.Sc., Ph.D.(Geneva)

A. Young; B.A., M.A., Ph.D.(Penn.)

Associate Professors

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

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

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

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

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

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

J. Caron; B.A., M.A.(Moncton), Ph.D.(UQAM)

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

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

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

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

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

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

P. Étienne; M.D.(Liege)

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

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

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

Associate Professors

G. Galbaud du Fort; M.D., Ph.D.(Paris) (*joint appt. with Epidemiology and Biostatistics*)

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

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

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

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

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

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

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

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

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

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

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

T. Kolivakis; M.D.(Athens)

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

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

O. Mantere; M.D.(Helsinki)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

S. Renaud; M.D.(Laval)

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

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

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

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

M. Ruiz Casares Yebenes; Ph.D.(Cornell)

R. Russell; M.D.(McG.)

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.)

Assistant Professors

J. Dornik; M.D.(McG.)

S. Ducharme; M.D.(Montr.)

H. Dymetryszyn; Ph.D.

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

C.P. Ernst; B.Sc.(McG.), M.Sc.(Br. Col.), Ph.D.(McG.)

J. Errunza; M.D.(McG.)

K. Faridi; M.D.(Calg.)

K. Fathalli; M.D.(Tunis)

A. Fielding; M.D.,C.M.(McG.)

E. Foley; B.Sc.(Tor.)

J. Friedland; M.D.(Calg.)

G. Gagnon

M. Gauthier; M.D.,C.M.(Montr.)

K. Geagea; M.D.,C.M.(SJU)

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

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

K. Goddard; M.D.,C.M.(Manit.)

M. Grignon; B.A.(Montr./Ott.), M.A.(Ott.)

P. Habib; M.D.(Beirut Med. Sch.)

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

B. Hayton; B.A.(Williams), M.D.,C.M.(McG.)

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

F. Ianni; B.Sc.(McG.), M.D.,C.M.(Montr.)

H. Iskandar; Dip.Psychol.(McG.), M.B.,Ch.B.(Alexandria)

S. Iyer; M.A.(Mumbai), Ph.D.(Nebraska–Lincoln)

C. Jolicoeur; M.D.,C.M.(Laval)

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

M. Kapuscinska; M.D.,C.M.(Medical U. Gdansk)

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

F. Key

M. Koch; M.D.(McM.)

T. Kolivakis; M.D.(Athens)

R. Kronick; M.D.(McG.)

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

P. Lageix; B.Sc., M.D.,C.M.(Paris IV)

S. Lamarre; B.A., M.D.,C.M.(Laval)

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

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.)

Assistant Professors

E. Libman; B.A., M.Sc., Ph.D.(McG.)

E. Lizondo; M.D.,C.M.(Nat. Univ. Central Buenos Aires)

G.L. Low; B.A.(Qu.), Dip.Psychol.(McG.), M.D.,C.M.(Ott.)

N.C.P. Low; M.D., M.Sc.(McG.)

W. Ma; M.D., M.Sc.(Tongji), Ph.D.(McG.)

S. K. Margolese; Ph.D.

R. Martins; Ph.D.(Montr.)

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

T. Measham; B.Sc., M.D.(McG.)

X. Meng; Ph.D.

M. Messier; B.A.(Montr.), M.B.A.(HEC)

G. Meterissian; Gr.Dip.Psychiat.(McG.), M.D.,C.M.(Montr.)

T.M. Milroy; B.Sc., M.D.,C.M.(Md.), Gr. Dip. Psychiat.(McG.)

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

F. Nazlie; M.D.

J.P. Near; Ph.D.(W. Ont.)

T. V. Nguyen; M.D.

K. O'Donnell; Ph.D.(Imp. Coll. Lon.)

J.A. O'Neil; B.A.(C'dia), Dip.Psychol., M.D.,C.M.(McG.)

M.A. Ouimet; D.M.D.(Sher.), Gr.Dip.Psychiat.(McG.)

M. Piat; Ph.D.(Laval)

L. Pinard; M.D.(Montr.), F.R.C.P.(C)

Z. Prelevic; Dip.Psychol.(McG.), M.D.,C.M.(Belgrade)

A. Propst; M.D.

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

S. Rej; M.D., M.Sc.(McG.)

S.B. Rosenbloom; B.A.(C'dia), M.A.(York)

C. Roy; B.Sc.(McG.), M.D.,C.M.(Dal.)

J. Russell; Ph.D.(McG.)

T. Said; B.Sc.(McG.), M.D.,C.M.(Sher.)

H. Schwartz; M.D.(McG.)

M. Segal; B.A.(C'dia), B.Sc.(O.T.)(McG.), M.D.,C.M.(Ott.)

J. Seguin; B.A., B.Sc., M.D.,C.M.(Ott.)

T. Semeniuk; B.Sc., M.Ed., M.D.,C.M.(Alta.)

J. Shah; M.Sc.(Lond.), M.D.(Tor.)

O. Sidhom; M.D.

M. Sigman; B.A.(McG.), M.A., Ph.D.(C'dia)

P.P. Silveira; M.D., Ph.D.

I. Spector; B.A.(McG.), M.Sc., Ph.D.(Syrac.)

K.A. Steger; M.D., Ph.D.(Texas, Southwest. Med. Cent.)

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

A. St-Hilaire; M.Sc.(McG.), Ph.D.(Ohio)

5.7.29.4 Graduate Program

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

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

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

5.7.29.5 Social Studies of Medicine Faculty

Chair

Annmarie Adams

Emeritus Professor

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

Professors

Annmarie Adams; M.Arch, Ph.D.(Calif., Berk.) (*Stevenson Chair in the History and Philosophy of Science, including Medicine*)

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

Thomas Schlich; M.D.(Marburg), Ph.D.(Freiburg) (*James McGill Professor in the History of Medicine*)

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

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

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

Associate Professors

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

Jonathan Kimmelman; M.A., Ph.D.(Yale)

Nicholas King; M.A., Ph.D.(Harv.)

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

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

5.7.30 Surgery

5.7.30.1 Location

RVH / McGill University Health Centre – Glen Site
1001 Décarie Boulevard, C05.2764

5.7.30.4 Surgery Faculty

Chair

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

Emeritus Professors

J.D. Bobyn

F. Cervero

M. Duhaime

J. Hinchey

E. Monaghan

A.R. Poole

P. Roughley

N. Sheiner

H. Shizgal

H. Sigman

Professors

J. Antoniou

A.G. Aprikian

J.S. Barkun

J. Barralet

F. Bladou

P. Brodt

S. Carrier

P. Chan

S. Chevalier

J. Corcos

M. Elhilali

L. Feldman

L. Ferri

P.H. Gordon

R.C. Hamdy

E.J. Harvey

W. Kassouf

J.-M. Laberge

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

S.H. Meterissian

P.M. Metrakos

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

F. Mwale

A. Philip

L. Rosenberg

D. Shum-Tim

Professors

R. St-Arnaud

S. Tanguay

J.I. Tchervenkov

M. Tanzer

C.I. Tchervenkov

A. Turnbull

R. Turcotte

A. Zini

Associate Professors

S. Andonian, R.O. Arena, M. Basik, S. Bergman, G.K. Berry, O.W. Blaschuk, J-F. Boileau, M. Boutros, R. Cecere, P. Chaudhury, R. Chaytor, L.P. Coughlin, B. de V

Nursing. Strengths-Based Nursing is both a philosophy as well as a value-driven approach that has as its foundational pillars: person/family centred care, empowerment, relational care, and innate and acquired healing.

The first programs offered at the McGill Ingram School of Nursing in the 1920s were intended to develop knowledge and skills for nurses working in the

Grace Prescott Bursary

Established in 1990 by Grace Harriet Prescott to assist students pursuing studies in Nursing. Awarded on the basis of academic standing and financial need.

Isabel Clarke Dickson Woodrow Scholarships

Established in 2000 by a generous bequest from Isabel Clarke Dickson Woodrow for Canadian students entering an undergraduate Nursing program. While academic standing is of primary importance, financial need and/or leadership skills in community and school settings will also be taken into account. Administered by the Scholarships and Student Aid Office. Any unspent funds may be awarded by the Scholarships and Student Aid Office as bursaries to Canadian undergraduate students in Nursing.

Value: $3,000 each.

6.3.2 In-Course Awards

Woman's General/Reddy Memorial and A.W. Lindsay Award

Established in 2001 by joint gifts from alumnae of the Reddy Memorial Hospital (formerly the Woman's General Hospital) and Estelle Aspler, Cert. Nursing. 1947, whose gifts are in memory of Agnes Winonah Lindsay, B.N. 1950. Awarded by the Ingram School of Nursing to undergraduate students who have completed at least one year of their degree program. Preference shall be given to students who are returning to obtain a university degree after working in the nursing profession with a college diploma.

Estimated value: $400.

Gail Carson Travel Award

Established in 2015 by Gail Carson, B.N. 1965, to provide travel support for one or more undergraduate and/or graduate students enrolled in the Ingram School of Nursing and serving their Clinical Internship in underdeveloped communities. Awarded by the Ingram School of Nursing.

Value: varies.

Luella Downing Prize in Nursing

Established in 2006 through a bequest by Luella Downing. Awarded by the Ingram School of Nursing to an undergraduate student who has completed at least one year of study at the School. Awarded to a student who has contributed to the life of the School and her or his class.

Estimated value: $400.

Mildred B. Lande Scholarship in the School of Nursing

Established in 2008 by Mrs. Mildred Lande, C.M., B.A. 1936, for an outstanding undergraduate student or students who have completed at least one year in the Nursing Program.

Estimated value: $1,500 for two scholarships or $3,000 for one student.

Nursing Alumnae Award

Several scholarships of approximately $1,000 each. Awarded annually to undergraduate nursing students in the second and third year of their program and to students in the graduate program in Nursing. Some of these prizes are named: the Marion Lindeburgh Scholarship, the Irma Riley Award, the Agnes Boisde Award, the Montreal General Hospital Alumnae Association Award and the MGH Flo Mackenzie Award. Application is made by the School early in the Fall term.

School of Nursing Bursary Fund

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

Value: varies.

The Robert H. Lennox and Elizabeth Graham Lennox Scholarships in Science and in Nursing

Established in 2007 by Elizabeth Graham Lennox, RN(RVH), in memory of her husband, Robert H. Lennox, B.Sc. 1941, M.D.,C.M. 1943, Dip. Med. 1946, RCNVR. One scholarship to be awarded to an outstanding undergraduate student in the Faculty of Science who has completed at least one year of a B.Sc. program and a second to be awarded to an outstanding undergraduate student who has completed at least one year of the B.Sc.(N.) program. Awarded on the basis of high academic standing with a preference to international students selected, respectively, by the Faculty of Science Scholarships Committee and the Ingram School of Nursing Scholarships Committee.

Estimated value: $2,000 each.

Note: The Ingram School of Nursing also awards Book Prizes. Students are encouraged to inquire with the Ingram School of Nursing for additional fellowships and scholarships available in the current academic year.

6.3.3 Prizes Awarded at Convocation

Anne Marie Fong Hum Memorial Prize

Established in 1985 by Helen Fong Hum in memory or her sister Anne Marie and awarded to a student who has demonstrated sensitivity and skill in helping patients and families cope with situations related to long-term illness.

Estimated value: $500.

Barbara Ann

Any student who has been granted a leave of absence for one academic year and who does not resume studies in the following semester must withdraw from the Ingram School of Nursing. Such students may apply for readmission within one year after withdrawal.

6.4.6 Withdrawal

Permission must be obtained from the Program Director prior to withdrawing from a required course as this can delay the degree completion date. Students considering withdrawal from the Program are advised to discuss their situation with the Director of their program prior to making a final decision.

Deadlines are noted at *www.mcgill.ca/importantdates* and will be in accordance with *University Regulations & Resources* > *Undergraduate* > *Fees* > *section 1.4.7: Fees and Withdrawal from the University*.

Note: Students who withdraw from their Fall term courses are considered as withdra

- In any formal documentation, such as in the patient's chart, students must identify themselves as a McGill Nursing Student with the respective year of study noted;
- Name badges indicating affiliation with McGill University and the program of study must be worn at all times in clinical studies. These are ordered in the Fall term for all students registered in specific nursing courses. Fees for these will be automatically charged to your student account;
- Attendance in clinical courses is mandatory and absences must be communicated to the instructor. Students with repeat absences may be asked to defer clinical studies if progress in the clinical course is compromised;
- Students whose pattern of performance in clinical studies is not meeting expectations relative to the course objectives will be informed and the student must develop a learning plan that focuses on strategies to ensure success. Students whose performance is well below expectations or deemed to be incompetent or unsafe in clinical studies will be required to leave the course—in this case the student will receive a grade of F. A meeting with the Program Director is required in such cases;
- Students are required to comply with the Ingram School of Nursing uniform policy (or that of the clinical agency) during clinical placements. Details are given in the *Ingram School of Nursing Faculty and Student Handbook* ;
- Students are required to purchase a stethoscope and other health-assessment equipment required within specific courses;
- Effort is made to place students within reasonable travelling distance for clinical studies, but this cannot be guaranteed. Therefore, each student must budget to travel to and from a clinical agency for the duration of their clinical course;
- Clinical placement selections are made carefully to ensure that students meet program objectives and not made on the basis of student choice except for the following exclusions: NUR1 530 Clinical Internship, NUR1 530 Clinical Consolidation, and NUR1 531 Ambassador Nursing Practice Consolidation; when the student or close family member is employed on the placement unit; when the student is or has been followed as a patient on the placement unit; when the *Service d'*

- f

The supplemental exam will either have the same weight as the original exam or will count as 100% of the final grade. The format and content of the supplemental exam can differ from that of the final examination; therefore, students should consult the instructor. The supplemental grade does not overwrite the original grade. Both the original course mark and the supplemental result are calculated in the CGPA. A failed supplemental is counted in the number of allowable f

6.4.9.4 Time to Degree Completion

Students entering U1 of the B.Sc.(N.) program are expected to complete the program as full-time students over a three-year period (including summer sessions). Exceptionally, such as in the case of failed courses or LOA, students may take a maximum of four years to complete the degree. Students entering in U0 are expected to complete the program as full-time students over a four-year period (including summer sessions) with a maximum time to completion of five years. B.N.I. students are expected to complete their program in two years if studying full-time or in three years if part-time. Completion must be no more than four years after initial program registration.

6.4.9.5 Leave of Absence (LOA)

A leave of absence may be granted to undergraduate students for reasons related to maternity or parenting; personal or family health issues; professional development; and/or required military service. Such a leave must be requested on a term-by-term basis and may be granted for a period of up to 52 weeks. A LOA request should be submitted to NSAO with appropriate documentation. No tuition fees are charged for the duration of the LOA and students maintain

6.5.1 Nursing

6.5.1.1 Location

Note: The Ingram School of Nursing is now located in 680 Sherbrooke Street West. For more information, see the *School's website*.

Ingram School of Nursing
680 Sherbrooke Street West, Suite 1800
Montreal QC H3A 2M7
Canada
Telephone: 514-398-4144
Fax: 514-398-8455
Website: *www.mcgill.ca/nursing*

6.5.1.2 Programs Offered

The Ingram School of Nursing offers the following undergraduate programs:

- **Bachelor of Science in Nursing**, B.Sc.(N.), for holders of a collegial (CEGEP) diploma in Health Sciences or Natural Sciences (or its equivalent). This program prepares students for entry into the Nursing Profession.
- **Bachelor of Nursing (Integrated)**

Students educated in different languages may be required to provide proof of proficiency in English. A TOEFL (Test of English as a Foreign Language) score of at least 233 (577 for the paper-based version) is required (see *section 2.1.2.2.1: Proof of Proficiency in English* for other assessments that are acceptable).

Inter-Faculty Transfer Students (McGill University students)

Applications are completed through Minerva. Visit *www.mcgill.ca/students/transfer-r*

B.Sc.(N.) Assistant Program Director, Ingram School of Nursing

Rosalia Sanzone; N., B.Sc.(N.), M.Sc.A.(McG.)

Graduate Program Director, Ingram School of Nursing

Josée Bonneau; N., B.Sc.(N.), M.Sc.(N.)(Montr.)

Assistant Graduate Program Director, Ingram School of Nursing

Sylvie Lambert; N., B.Sc.(N.), Ph.D.(McG.), Post Doc.(Newcastle, Australia)

Ph.D. Program Director, Ingram School of Nursing

Sonia Semenic; N., B.A., M.Sc.A., Ph.D.(McG.), Post Doc.(Ott.)

Assistant Ph.D. Program Director, Ingram School of Nursing

Céline Gélinas; N., B.Sc.(N.), M.Sc.(N.), Ph.D.(La

Assistant Professors

Rosalia Sanzone; N., B.Sc.(N.), M.Sc.A.(McG.)

Argerie Tsimicalis; N., B.Sc.(N.)(Windsor), M.Sc.(Qu.), Ph.D.(Tor.), Post Doc.(Col.)

Contracted Faculty (part-time)

Carolyn Brown; N., N.P., B.N(I.), M.Sc.A., Grad.Dip.(NP-PC)(McG.)

Frances Sol Encina Bruno; B.Sc.(N.), M.Sc.(A.)(McG.)

Susan Buddo; N., B.Sc.(N.)(Br. Col.), M.N.(Athab.)

Amanda Cervantes; N., B.F.A.(NYU), M.Sc.A.(McG.)

Laurie Cleophat, M.Sc.(N.)(McG.)

Gomane Nerline Colimon; N., B.Sc.(N.)(McG.)

Hermes Cornejo; N., B.Sc.(N.)(Chile), M.Sc.(N.)(Montr.)

Hedda Coronado; N., B.Sc.(N.)(Philippines)

Laura Craigie; N., B.N.(I.)(McG.)

Kelly Marie Cummins, B.Sc.(N.), M.Sc.(N.)(McG.)

David Jordan Elbling

Olivia Hope Farias

Maria Fernandez

Monique Fillion, B.Sc.(N.)(Montr.), M.Sc.(A.)(Laval)

Lisa Frick; N., B.Sc.(N.)(Ott.)

Sae Fukamizu

Pascale Fulcher; N.

Alexandra Glezos

Mary Grossman-Schultz; N., B.Sc.(N.), M.Sc.A., Ph.D.(McG.)

Melissa Hoffman; N., B.Sc.(N.)(Br. Col.)

Vandra Holder

Sarah Ismail

Angela Izzo

Caroline Marie-France Jean

Charlie Myriam Julien; N., B.N., M.N.(Montr.)

Marisa Kanellopoulos

Daria Kapnik, M.Sc.L.(UQAM)

Julia Kinnon-Shaw; N., B.Sc.(N.), M.Sc.A.(McG.)

Manon Lacroix; N., B.Sc.(N.)(UQAT), M.Sc.(N.)(Ott.), DESS(Laur.)

Ariella Lang; N., B.Sc.(N.), M.Sc.(N.)(McG.), Ph.D.(Montr.), Post Doc.(Ott.)

Stéphanie Lao; N., B.Sc.(N.)(McG.)

Julie Laurence; N., B.Sc.(N.)(McG.)

Thi Hong Nhung Le

Valérie Renée LeBel; N., B.N.(Montr.)

Céline Léger; N.

Catherine Lloyd; N., B.Sc.(N.)(Ott.)

Abbey Leigh Mahon; B.A.(C'dia), M.Sc.(N.)(McG.)

Stephanie Mardakis; B.Sc.(N.)(Montr.), M.Sc.(N.)(McG.)

Sharon Mooney; N., B.A.(C'dia), B.Sc.(N.)(Br. Col.), M.A.(C'dia)

Thu Hong Nguyen Ngo

Catherine My-Duyen Nguyen-Huy

Tessa Nichols; N., B.Sc.(N.)(Ott.)

Contracted Faculty (part-time)

Trisha Andrea Nonog; N., B.N.(I.)(McG.)

Cassandra Elaina Palangiewicz

Josette Perreault; N., B.N.(McG.)

Marta Anita Pilarska

Silvia Pistagnesi; N., B.Sc.(N.), M.Sc.A.(McG.)

Giselle Poirier

Christine Aiko Prchal; N., M.Sc.(A.)(McG.)

Bianca Quesnal-Spicer

Ramona Rodrigues; N., B.Sc., M.Sc.A.(McG.)

Patricia Sabbag; N., B.Sc.(N.), M.Sc.A.(McG.)

Irene Sarasua; N., B.A.(Tor.), M.Sc.A.(McG.)

Sanaz Shadvar

Anita Sharma; N., B.A.(Manit.), B.Sc.(N.)(McG.)

Sarah Jane Shea

Heidi Sleno; B.Sc.(N.)(Ott.)

Marianna Sofronas; N., B.A.(McG.), M.A.(New Sch. Soc. Res.), M.Sc.A.(McG.)

Kim Tanguay

Karine Troini

Stephanie Welsh; N., B.Sc.(N.)(Ott.)

Su Ling Wong; N., B.Ed., B.N.(I.), M.Sc.A., Grad.Cert.(NP-PC), Grad.Dip.(NP-PC)(McG.)

Tracie Wai Yin Wong

Vanessa Wrzesien; N., B.Sc.(N.), M.Sc.A.(McG.)

Vera-Maria Zissis

Nadia Zouari; N., B.N.(I.)(McG.)

6.5.1.7.1 Clinical and Affiliated Faculty Members

Professor

Susan E. French

Associate Professors

Lynne McVey, Frederick Peter Nestel, Janet Rennick, Edith Zorychta

Assistant Professors

Alain Biron, Madeleine Boulay-Bolduc, Mark Daly, Linda Edgar, Lucia Fabijan, Valerie Frunchak, Mary Grossman,

Adjunct Professors

Bruce Gottlieb, Manon Lacroix, David Wright

Associate Members

Rhonda Amsel, S. Robin Cohen, Jae-Marie Ferdinand, Richard Gosselin, Ronald D. Gottesman, John C. Kirk

Affiliate Members

Joyce Marie Arsenault, Theresa Broda, Patrick Casey, Stephanie Charron, Nadia Andrée Doiron, Meggie Guinan, Tiffany Johnston, Donna Kindrat, Caroline Martel, Colette Mascle, Trisha Andrea Nonog, Caroline Normand, Emily Chang Orlov, Royal Orr, Brigitte Perrier, Lisa Marie Pichocvich, Grzegorz Sobieraj, Chantal Souligny, Karinne Troini, Chantale Viens, Barbara Ann Taugher, Teresa Testa

6.5.1.7.2 McGill Teaching Hospital Network

McGill University Health Centre (MUHC)

Glen Site

Lachine Hospital

Montreal General Hospital

Montreal Neurological Institute

CIUSSS de l'Ouest-de-l'île-de-Montréal

Batshaw Youth and Family Centre

CSSS de l'Ouest de l'île (CLSC Pierrefonds, CLSC Lac St-Louis, Lakeshore General Hospital)

CSSS Dorval-Lachine-LaSalle (LaSalle Hospital, CLSC LaSalle, CLSC Dorval-Lachine)

Douglas Mental Health University Institute

St. Mary’s Hospital Centre

West Montreal Readaptation Centre

CIUSSS du Centre-Ouest-de-l'île-de-Montréal

CSSS Cavendish (CLSC René Cassin, Henri-Bradet Day Center, Julius Richardson, Father Dowd Home, St. Andrew Centre d'Hébergement,Catherine Booth, GMF Queen Elizabeth, GMF Kildaire)

CSSS de la Montagne (CLSC Côte des Neiges, CLSC Metro, CLSC Parc Extension)

MAB-Mackay Rehabilitation Centre

Maimonides Hospital Geriatric Centre

Sir Mortimer B. Davis – Jewish General Hospital

Other Teaching Centres

Cambridge Residence

Concordia University Health Clinic

CSSS Bordeaux-Cartierville-St. Laurent

CSSS Lucille-Teasdale

CSSS Pointe de l'île

CSSS St. Leonard-St. Michel

CSSS Sud Ouest Verdun (CLSC St. Henri, CLSC Verdun, CLSC Ville Emard-Côte St. Paul, Hôpital Verdun)

Jewish Rehabilitation Hospital

Kateri Memorial Hospital

Manoir Westmount

Salvation Army Montclair Residence

Shriner's Hospital for Children

Tulattavik Health Centre Kuujjuaq

Required Courses (55 credits)

IPEA 500	(0)	Roles in Interprofessional Teams
IPEA 501	(0)	Communication in Interprofessional Teams
IPEA 502	(0)	Patient-Centred Care in Action
NUR1 209	(3)	Pathophysiology for Nursing 1
NUR1 210	(3)	Pathophysiology for Nursing 2
NUR1 222	(3)	Strengths-Based Nursing and Professional Practice
NUR1 300	(3)	Pharmacology for Nursing 1
NUR1 301	(3)	Pharmacology for Nursing 2
NUR1 312	(3)	Research in Nursing
NUR1 318	(4)	Chronic Illness and Palliative Health Challenges
NUR1 320	(3)	Critical Care Nursing Theory
NUR1 327	(4)	Critical Health Challenges
NUR1 329	(3)	Skin Integrity and Wound Care
NUR1 338	(3)	Applied Health and Physical Assessment/Anatomy 1
NUR1 339	(3)	Applied Health and Physical Assessment/Anatomy 2
NUR1 423	(4)	Leading Change: Policy and Practice
NUR1 424	(3)	Legal and Ethical Issues: Nursing
NUR1 431	(4)	Community Health Nursing Practicum
NUR1 432	(4)	Community Health Nursing Project
PSYC 204	(3)	Introduction to Psychological Statistics

Complementary Course (4 credits)

4 credits from the following:

NUR1 434	(4)	Critical Care Nursing Practicum
NUR1 435	(4)	Ambassador Critical Care Practicum

Elective Courses (6 credits)

6 credits with 3 credits at the 300 level or above.

7 Physical and Occupational Therapy

7.1 Physical and Occupational Therapy

7.1.1 Location

School of Physical and Occupational Therapy
Davis House
3654 Promenade Sir-William-Osler
Montreal QC H3G 1Y5
Telephone: 514-398-4500
Fax: 514-398-6360

Website: *www.mcgill.ca/spot*

7.1.2 About Physical and Occupational Therapy

Professional Profiles:

Occupational Therapy

Occupational therapy examines all aspects of how occupation as a therapeutic intervention enhances and enables health-related quality of life. Individuals who are affected by physical injury, disability, or psychosocial dysfunction are among the clientele served by occupational therapists. Occupational therapy maximizes independence, prevents disability, and promotes health across the lifespan, from early intervention in infancy to preventive interventions with the well older adult. In the field of mental health, the occupational therapist contributes to clarifying the functional psychiatric diagnosis and assists clients in coping with environmental stress and integration into the community.

Further information is available from the *Canadian Association of Occupational Therapists*.

Physical Therapy

Physiotherapy is a primary care, autonomous, client-focused health profession dedicated to impro

Adjunct Professors and Associate Members

Sharon Henry; B.Sc.(P.T.), Ph.D.(Ana. and Neurob.)(Vermont)

Dr. Michael Sullivan ; B.A.(McG.), M.A., Ph.D.(C'dia) (Dept. of Psychology)

Walter Wittich; B.Sc., M.A.(C'dia), Ph.D.(McG.)

7.5 Prizes, Awards, and Loans for Returning Students

Undergraduate Prizes and Awards (Eligibility subject to change)

McGill Alumnae Society Prize
Presented upon graduation to a distinguished student for excellence and high academic standing. Preference given to female students.
Value: $150.

Patricia Ann Macdonald Wells Van Daele Memorial Award
Established in 2003 by family, frP2 6T2amij/F1 8.1 Tf1763n

Students who graduate from the B.Sc.(Rehab. Sc.) degree with the required CGPA of 3.0 or better will be considered for acceptance into the same discipline of the M.Sc.A. program that commences in the summer following graduation. For full details, refer to the *Rules and Regulations* documents at

- *Important Information for Students*
- *Rules and Regulations*
- *Curriculum*
- *Code of Conduct*
- *Required Skills and Attributes*

Program documents are updated annually and are available at *Occupational Therapy* and *Physical Therapy*.

Students are required to complete the program on a full-time basis except when they have obtained written permission from the Promotions and Review Committee to register part-time.

No evaluation, examination mark, etc., shall be considered final until passed by the OTPRC or the PTPRC.

Students must successfully complete all requirements of each promotion period before being permitted to enter the next promotion period.

The required minimum passing grade is C+ for all courses with the designation of OCC1, PHTH, and POTH. As well, for any course with the designation of OCC1, PHTH or POTH, which comprises both individual and group evaluations, or both theoretical and practical evaluations, each student must pass every component in order to receive a passing grade for the course (the minimum passing grade is C+).

Student Athletes

The policy for student athletes who are part of a team and are competing in athletic competitions at an inter-university level or higher, or students participating in the School's Sports Practicum courses, is available in the School of Physical and Occupational Therapy's *Important Information for Students document* (available at *www.mcgill.ca/spot/programs/ot/bsc-rehabilitation-science* and *www.mcgill.ca/spot/programs/pt/bsc-rehabilitation-science*.

Probation, Withdrawal, or Dismissal from the School of Physical & Occupational Therapy

When a student has failed one or more courses, or course components, or has been found to have been engaged in unethical or inappropriate conduct (i.e., unprofessional behaviour), the OTPRC or the PTPRC will automatically review the student's entire academic record and general performance.

A student with an overall CGPA between 2.3 and 3.0 or TGPA less than or equal to 2.49 in the promotion period will be placed on probation, reviewed by the OTPRC or PTPRC, and may be required to repeat the promotion period. A student may not repeat more than one promotion period in the curriculum. Failure in any course with the designation of OCC1, PHTH, or POTH, during a repeat promotion period will result in dismissal from the program.

Academic offences such as plagiarism and cheating on examinations and unethical or inappropriate conduct are considered serious offences which could lead to dismissal from the program. A student who engages in criminal activity and/or who is found guilty of having violated the criminal code will have his/her dossier referred to the OTPRC or the PTPRC; this may be considered evidence of unsuitability for the practice of occupational therapy or physical therapy and grounds for dismissal from the program. The School has the right to dismiss, at any time, any student who is considered incompetent and/or unsuitable for the practice of occupational therapy or physical therapy.

In the event that a student is required to withdraw or abandon their studies in occupational therapy or physical therapy, the School of Physical and Occupational Therapy will proceed with the withdrawal procedure. Students who are required to withdraw from either the occupational therapy or physical therapy programs will not be readmitted to either program. If a student chooses to voluntarily withdraw from the program, they will not be permitted to remain registered in professional courses (OCC1, PHTH, or POTH).

Note: Courses with a Subject Code OCC1, PHTH, or POTH are reserved for students enrolled in programs within the School of Physical & Occupational Therapy.

7.6.5 Course Change and Withdrawal

7.6.5.1 Course Change and Withdrawal

Course add/drop and Withdrawal (W) deadline dates are listed on the *Important Dates website*. For general information concerning course changes and withdrawals, please see *University Regulations & Resources* > *Undergraduate* > *Registration* > *section 1.3.3: Course Change Period* and *section 1.3.3.1: Course Withdrawal*.

Notes:

1. The Occupational Therapy and Physical Therapy programs are highly structured and students must receive the approval of the Program Director to determine what course changes, if any, are allowed. Students can consult the *Student Affairs Office* for information on policies and procedures.

   Note: Courses with a Subject Code OCC1, PHTH, or POTH are reserved for students enrolled in programs within the School of Physical & Occupational Therapy.

   Note: If students choose to voluntarily withdraw from the OT or PT program, they will not be permitted to remain registered in professional courses (OCC1, PHTH, or POTH).

2. The responsibility for initiating a withdrawal rests solely with the student. Neither notification of the course instructor nor discontinuance of class attendance will suffice. The date on which a student's withdrawal is entered on Minerva is the official date of withdrawal, even if the student stopped attending lectures earlier.
3. Fee refunds, if any, will be in accordance with *University Regulations & Resources* > *Undergraduate* > *Fees* > *section 1.4.7: Fees and Withdrawal from the University*.

4. You may still withdraw from a complementary or elective course after the Course Change deadline without academic penalty provided that you do so

7.6.7 Examinations

7.6.7.1 General Information

Please refer to *University Regulations & Resources* > *Undergraduate* > *section 1.6: Examinations: General Information* and to the *University Student Assessment Policy* (available on the *Secretariat website*).

7.6.7.2 Final Examinations

7.6.8.1 Satisfactory / Unsatisfactory Option

The University S/U grading option cannot be applied to courses required to fulfil the requirements of the Occupational Therapy or Physical Therapy curriculum. It is, therefore, not normally available to students following the Physical Therapy and Occupational Therapy programs.

7.7 Becoming a Licensed Occupational or Physical Therapist

The Undergraduate programs in Physical & Occupational Therapy provide access to the Professional Master's programs. For more information on our graduate programs, refer to the School of Physical & Occupational Therapy *Graduate* section, and the P&OT website's Graduate *Occupational Therapy* and *Physical Therapy* sections.

7.7.1 Licensing Regulations

Graduates who complete the M.Sc.A. (Occupational Therapy) or the M.Sc.A. (Physical Therapy) degree are eligible to seek licensure. Graduates from McGill may seek licensure world-wide. Each country, province, or state sets its own requirements for licensure which may necessitate examination, further course work, and/or the TOEFL. Those intending to practice occupational therapy or physical therapy within their borders must comply with special provincial or state licensing regulations.

Further information regarding Canadian requirements may be obtained from the offices of the associations listed under *section 7.7.3: Professional Organizations* below.

In order to practice occupational therapy or physical therapy in the province of Quebec, a permit must be obtained from the appropriate provincial regulatory body. Quebec law also requires that candidates seeking admission to the provincially-recognized Quebec regulatory bodies must possess a working knowledge of the French language, i.e., be able to communicate verbally and in writing in that language. For further information, refer to *section 1.10.1: Language Requirements for Professions*.

Occupational therapists practising in Canada (except Quebec) are required to pass a National Certification Examination after graduation. For information, contact the *Canadian Association of Occupational Therapists* (refer to *section 7.7.3: Professional Organizations* below).

As of 1993, all physical therapy graduates who wish to practice in provinces in Canada (other than Quebec) are required to pass a Physiotherapy National Examination or provide proof of licensing in Quebec. For confirmation, contact the *Canadian Alliance of Physiotherapy Regulators* (refer to *section 7.7.3: Professional Organizations* below).

7.7.2 Program Accreditation

The Professional Master's Program has received accreditation status by *Physiotherapy Education Accreditation Canada*.

The Occupational Therapy program is accredited by the *Canadian Association of Occupational Therapists*.

7.7.3 Professional Organizations

Canadian National Offices

Canadian Association of Occupational Therapists
100-34 Colonnade Road
Ottawa ON K2E 7J6
Telephone: 613-523-CAOT(2268); 1-800-434-CAOT(2268) (toll-free)
Fax: 613-523-2552
Website: *www.caot.ca*

Canadian Physiotherapy Association
National Office
955 Green Valley Crescent, Suite 270
Ottawa ON K2C 3V4
Telephone: 613-564-5454; 1-800-387-8679 (toll free)
Fax: 613-564-1577
Email: *information@physiotherapy.ca*
Website: *www.physiotherapy.ca*

Canadian Alliance of Physiotherapy Regulators
1243 Islington Avenue, Suite 501
Toronto ON M8X 1Y9
Telephone: 416-234-8800
Fax: 416-234-8820

Website: *www.alliancept.org*

Quebec Provincial Offices

Ordre des ergothérapeutes du Québec
2021 avenue Union, bureau 920
Montreal QC H3A 2S9
Telephone: 514-844-5778; 1-800-265-5778 (toll free)
Fax: 514-844-0478
Email: *ergo@oeq.org*
Website: *www.oeq.org*

Ordre professionnel de la physiothérapie du Québec
7151 rue Jean-Talon est, bureau 1000
Anjou QC H1M 3N8
Telephone: 514-351-2770; 1-800-361-2001 (toll free)
Fax: 514-351-2658
Email: *physio@oppq.qc.ca*
Website: *www.oppq.qc.ca*

International Offices

Please check websites of individual countries and states for specific licensing requirements.

7.8 Clinical Placements, Vaccination, and CPR Requirements

Clinical hours necessary to obtain membership in both the national associations and provincial licensing bodies for each profession are included within the professional Master's programs (M.Sc.A.(Occupational Therapy) and M.Sc.A.(Physical Therapy)). This standard is compatible with the licensing requirements in other provinces where legislation is in force.

During the course of study, students may be assigned to clinical placements outside of Montreal and/or in rural areas within the province of Quebec. Students are expected to budget for this in planning for their funding for degree completion.

All clinical teaching sites within the McGill catchment area require students to have a working knowledge of both English and French. In order to participate in the best and most varied fieldwork experiences, students must prepare themselves to work in both languages. Students who are not proficient in French may need to be placed outside of Quebec, at their own expense. Such requests are strictly subject to availability and cannot be guaranteed without the possibility of delayed graduation. French courses for different levels of learners are available through McGill's *French Language Centre* (FLC). Special courses targeting students in health and social sciences have been developed by Dialogue McGill to support students' fieldwork and eventual licensure requirements. Course descriptions can be found at *www.mcgill.ca/spot/files/spot/cours-de-francais-french_courses-111215_final_1.pdf*.

Valid CPR/AED Level (Health Care Provider) certification or equivalent is required prior to going into any of the clinical affiliation placements and must be maintained throughout the professional Master's program.

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

Please also refer to *section 2.1.2.3: Vaccination/Immunization Requirements for Health Sciences Programs*.

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Montreal QC H3G 1Y5
Telephone: 514-398-4500
Fax: 514-398-6360
Website: *www.mcgill.ca/spot*

7.9.1.2 About Occupational and Physical Therapy

Professional Profiles:

Occupational Therapy

Occupational therapy examines all aspects of how occupation as a therapeutic intervention enhances and enables health-related quality of life. Individuals who are affected by physical injury, disability, or psychosocial dysfunction are among the clientele served by occupational therapists. Occupational therapy maximizes independence, prevents disability and promotes health across the lifespan, from early intervention in infancy to preventive interventions with the well older adult. In the field of mental health, the occupational therapist contributes to clarifying the functional psychiatric diagnosis and assists clients in coping with environmental stress and integration into the community.

Further information is available from the *Canadian Association of Occupational Therapists*.

Physical Therapy

Physiotherapy is a primary care, autonomous, client-focused health profession dedicated to improving and maintaining functional independence and physical performance; preventing and managing pain, physical impairments, disabilities, and limits to participation; and promoting fitness, health, and wellness (via *Canadian Physiotherapy Association*).

Physical therapists use exercise, physical modalities, manual therapy approaches, assistive devices, and lifestyle management to help individuals obtain maximal functional potential. The physical therapist is a health professional who contributes to the multidisciplinary team through patient evaluation, treatment planning and delivery, education, research and consultation in clinics, industry, and the community.

section 7.9.1.4: Bachelor of Science (B.Sc.) (Rehabilitation Science) - Major in Occupational Therapy (90 credits)

This degree provides access to the Master of Science, Applied, Occupational Therapy degree. This program offers students a basic health sciences foundation and undergraduate-level courses specific to the practice of Occupational Therapy. The Occupational Therapy curriculum emphasizes occupation and occupational performance in daily life, community rehabilitation, client-centered and evidence-based practice, clinical reasoning, ethics, teamwork and professionalism as essential components for the development of a humanistic, ethical, knowledgeable, competent, critical-thinking, and problem-solving occupational therapist.

section 7.9.1.5: Bachelor of Science (B.Sc.) (Rehabilitation Science) - Major in Physical Therapy (90 credits)

This degree provides access to the Master of Science, Applied, Physical Therapy degree. This program offers students a basic health sciences foundation and undergraduate-level courses specific to the practice of Physical Therapy. This undergraduate program prepares students for the professional Master's program (Master of Science Applied in Physical Therapy). The Physical Therapy curriculum emphasizes clinical reasoning, diagnostics, evidence-based practice, community rehabilitation, teamweahabes forv druerapvlncej1 0 7eelopment of a humanistic, ethical, kno

- Biology - 00UK, 00XU, 01Y5, 01YJ, NYA;
- Chemistry - 00UL, 00UM, 00XV, 01Y6, 01YH, NYA, NYB;
- Mathematics - 00UN, 00UP, 01Y1, 01Y2, NYA, NYB;
- Physics - 00UR, 00US, 00UT, 01Y7, 01YF, 01YG, NY

Note: Intra-faculty transfers (between Occupational Therapy and Physical Therapy) are not available to students in the undergraduate program. Students who wish to change programs can apply to the Qualifying Year of their desired program of study, during their final year of undergraduate studies.

Admission Requirements for Qualifying Y

Complementary Courses (18 credits)

These courses are to be completed prior to entering third year (U3) and must include:

One 3-credit intermediate-level statistics course:

PSYC 305	(3)	Statistics for Experimental Design

The remaining complementary credits are chosen by the student from a list of recommended courses or courses in the following areas:

- Psychology

- Management (in the area of personnel and private practice management)

- Academic Writing

- Sociology/Anthropology courses

- French or English second language course if not proficient in French or English (maximum of 6 credits)

- Students may also take the following three Sports practicum courses to replace one 3-credit complementary course. (Selection interview required for Sports practicum)

- Maximum of one 3-credit elective (personal interest) course

The complementary courses should be completed within these recommended time frames:

3 credits in Fall U1

3 credits in Winter U1

6 credits in Fall U2

6 credits in Winter U2

7.9.1.5 Bachelor of Science (B.Sc.) (Rehabilitation Science) - Major in Physical Therapy (90 credits)

Required Courses (72 credits)

* Note: Students choose either ANAT 321 or ANAT 323 but not both.

ANAT 315	(3)	Clinical Human Musculoskeletal Anatomy
ANAT 316	(3)	Clinical Human Visceral Anatomy
ANAT 321*	(3)	Circuitry of the Human Brain
ANAT 323*	(3)	Clinical Neuroanatomy
PHGY 209	(3)	Mammalian Physiology 1
PHGY 210	(3)	Mammalian Physiology 2
PHTH 245	(3)	Introduction to Professional Practice 1
PHTH 440	(3)	Clinical Exercise Physiology
PHTH 450	(3)	Introduction to PT Clinical Practice
PHTH 550	(7)	Physical Therapy Orthopedic Management
PHTH 551	(4)	Physical Therapy Neurological Rehabilitation
PHTH 554	(2)	PT Cardiorespiratory Rehabilitation
PHTH 560	(6)	Integrated Orthopedic Management
PHTH 561	(5)	Integrated Neurological Rehabilitation
PHTH 564	(3)	Integrated Cardiorespiratory Rehabilitation
POTH 204	(3)	Introduction to Statistics for OT/PT
POTH 225	(3)	Introduction to Biomechanics in Rehabilitation Sciences
POTH 250	(3)	Introduction to Professional Practice 2
POTH 401	(3)	Research Methods

POTH 434	(3)	Musculoskeletal Biomechanics
POTH 455	(3)	Neurophysiology
POTH 563	(3)	Foundations of Professional Practice

Interprofessional Education Activities (IPEAs)

These required non-credit activities address the competencies for interprofessional practice across the health professions such as professional roles, communication, collaboration in patient-centered care, and conflict resolution. Students will be advised at the beginning of each term which activities they should register for.

IPEA 500	(0)	Roles in Interprofessional Teams
IPEA 501	(0)	Communication in Interprofessional Teams

Complementary Courses (18 credits)

These courses are to be completed prior to entering third year (U3) and must include:

3 credits of intermediate-level statistics from the following:

PSYC 305	(3)	Statistics for Experimental Design

or equivalent

The remaining complementary credits are chosen by the student from a list of recommended courses or courses in the following subject areas:

- Psychology
- Management (in the area of personnel and private practice management)
- Academic Writing
- Sociology/Anthropology courses
- French or English second language course if not proficient in French or English (maximum of 6 credits)
- Students may also take Sports Medicine Practicum (PHTH 301D1/D2) to replace one 3 credit U2 complementary course.
- Maximum of one 3-credit elective (personal interest) course

The complementary courses should be completed within these recommended time frames:

3 credits in Fall U1

3 credits in Winter U1

6 credits in Fall U2

6 credits in Winter U2