

# Principal's Message

2008-09



## Welcome to McGill!

For more than 185 years, McGill has distinguished itself as one of the world's great public universities, renowned for outstanding students, professors and alumni, for achievement in teaching and research, and for its distinctive international character.

As one of the top 12 universities in the world, McGill's defining strengths include its unwavering commitment to excellence, and a willingness to be judged by the highest standards. And by these standards, McGill has excelled far beyond any reasonable expectations. We have produced a disproportionate number of Nobel laureates and Rhodes scholars. Olympians, award-winning authors and musicians, astronauts, medical pioneers and world-famous leaders in all walks of life are counted among our alumni — remarkable individuals who have shaped our society and the course of history itself in profound ways.

As students you are at the core of all that we do. Your time at McGill offers more than an excellent education. It is a critical period of personal and intellectual discovery and growth, and one that will help shape your understanding of the world.

By choosing McGill, you are following in the footsteps of almost 200,000 living McGill alumni across the globe and making a commitment to excellence, as they did. And, while a lot is expected of you, McGill gives you the means to succeed. All of McGill's 21 faculties and professional schools strive to offer the best education possible. By joining the McGill community of scholars, you will experience the University's vibrant learning environment and active and diverse campus life, which support both academic progress and personal development. You will form lasting friendships with people from around the world.

Today's social, technological and medical challenges continue to inspire innovative approaches to research, teaching and learning. New cutting-edge facilities provide you with many state-of-the-art classrooms and laboratories. Likewise, McGill's professors thrive in this environment as they enjoy some of the highest research successes per fulltime professor in Canada, while dedicating themselves as well, to enrich your education with research. Our dedicated administrative and support staff's primary focus is to ensure that you have the necessary resources to respond effectively to academic challenges and to develop lifelong skills.

McGill University has been synonymous with first-class education and research since it was founded in 1821. We remain committed to your success.

A handwritten signature in black ink, which appears to read "H. Blum". The signature is fluid and cursive, written in a professional style.

**Professor Heather Munroe-Blum**  
Principal and Vice-Chancellor

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

The Web version of the Calendar at [www.mcgill.ca/courses](http://www.mcgill.ca/courses) is the most current edition of this document.

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**Editor**

Bonnie Borenstein  
*Enrolment Services*

**Cover Photos**

Claudio Calligaris  
Owen Egan

**Cover Design**

*Content and Collaboration Solutions*





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Nutrition  
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# 1 Calendar of Dates 2008-09

The complete Calendar of Dates is available on the Web at [www.mcgill.ca/student-records](http://www.mcgill.ca/student-records). The information is subject to change and users are advised to verify important dates by checking the Web. Key dates for the faculties and schools included in this Calendar are given below. Unless otherwise specified, dates given for faculties apply to any schools therein.

- Agricultural and Environmental Sciences, including School of Dietetics and Human Nutrition and McGill School of Environment students registered in A&ES
- Arts, including School of Social Work and McGill School of Environment students registered in Arts
- Dentistry
- Education
- Engineering, including School of Architecture
- Law
- Desautels Faculty of Management
- Medicine, including School of Nursing and School of Physical and Occupational Therapy
- Schulich School of Music
- Religious Studies
- Science, including School of Computer Science and McGill School of Environment students registered in Science

FACULTY / SCHOOL LEGENDS			
<b>A&amp;ES</b>	<b>Agricultural and Environmental Sciences</b>	<b>MSW</b>	<b>Master in Social Work</b>
<b>ARCH</b>	<b>Architecture</b>	<b>MUS</b>	<b>Schulich School of Music</b>
<b>ART</b>	<b>Arts</b>	<b>NURS</b>	<b>Nursing</b>
<b>BSW</b>	<b>Bachelor of Social Work</b>	<b>P&amp;OT</b>	<b>Physical and Occupational Therapy</b>
<b>CE</b>	<b>Continuing Education</b>	<b>PHD</b>	<b>Doctor of Philosophy</b>
<b>DENT</b>	<b>Dentistry</b>	<b>POSTDOC</b>	<b>Postdoctoral Scholars</b>
<b>D &amp; HN</b>	<b>Dietetics and Human Nutrition</b>	<b>REL</b>	<b>Religious Studies</b>
<b>EDUC</b>	<b>Education</b>	<b>SCI</b>	<b>Science</b>
<b>ENG</b>	<b>Engineering</b>	<b>ALL</b>	<b>All students</b>
<b>FMT</b>	<b>Farm Management Technology</b>	<b>NEW</b>	<b>New students</b>
<b>GRAD</b>	<b>Graduate Studies</b>	<b>RET</b>	<b>Returning students</b>
<b>LAW</b>	<b>Law</b>	<b>SPECIAL</b>	<b>Special Students (Summer Term only)</b>
<b>MED</b>	<b>Medicine</b>	<b>VISITING</b>	<b>Visiting Students (Summer Term only)</b>
<b>MGMT</b>	<b>Desautels Faculty of Management</b>	→	<b>Read Activity column for details</b>

ACTIVITY CODE LEGENDS			
<b>ADV</b>	<b>Academic Advising</b>	<b>LEC</b>	<b>Lecture</b>
<b>APP</b>	<b>Application</b>	<b>MTG</b>	<b>Meeting</b>
<b>APPGRAD</b>	<b>Apply to graduate on Minerva</b>	<b>NOTE</b>	<b>Note to students</b>
<b>AUD</b>	<b>Audition</b>	<b>ORIENT</b>	<b>Orientation</b>
<b>AWRD</b>	<b>Awards (including scholarships)</b>	<b>PLEXAM</b>	<b>Placement exam—application and examination</b>
<b>CONV</b>	<b>Convocation</b>	<b>PREXAM</b>	<b>Practical exam—application and examination</b>
<b>DEF</b>	<b>Deferred—application and examination</b>	<b>READ</b>	<b>Readmission</b>
<b>EXAMS</b>	<b>Examinations</b>	<b>REG</b>	<b>Registration</b>
<b>EXCH</b>	<b>Exchange and Study Abroad Deadlines</b>	<b>STAGE</b>	<b>Field practice, etc.</b>
<b>EVENT</b>	<b>Event—reunion, carnival, presentation, etc.</b>	<b>SUPP</b>	<b>Supplemental—application and examination</b>
<b>FORM</b>	<b>Forms</b>	<b>THES</b>	<b>Thesis</b>
<b>HOLIDAY</b>	<b>Holiday</b>	<b>VERIF</b>	<b>Verification Period</b>
<b>IFT</b>	<b>Inter-faculty transfer</b>	<b>W</b>	<b>Course withdrawal</b>
<b>INFO</b>	<b>Information</b>	<b>W--</b>	<b>University withdrawal</b>

## CALENDAR OF DATES

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
<b>March 2008</b>			
Mar. 1, Sat.	APP	ALL	Deadline for application for all applicants studying, or who last studied, in a CEGEP in Quebec (except applicants to Music).
Mar. 1, Sat.	APP	GRAD	Deadline for application for September admission to most departments in the GPSO. (Many departments have earlier deadlines. Please verify with the individual department or on the Web at <a href="http://www.mcgill.ca/applying/graduate">www.mcgill.ca/applying/graduate</a> ).
Mar. 1, Sat.	APP	MED	Deadline for application to Med-P Program for Quebec residents.
Mar. 1, Sat.	APP	DENT	Deadline for application to Dentistry for all CEGEP applicants.
Mar. 1, Sat.	APP	REL	Deadline for application for Summer admission to Faculty of Religious Studies B.Th. program.
Mar. 1, Sat.	READ	MUS	Deadline for application for readmission to the Schulich School of Music for Fall term 2008.
Mar. 1, Sat.	EXCH	GRAD	Deadline for incoming exchange applications at the graduate level Fall term (September) start and Winter term (January) start. (Many departments have earlier deadlines. Please verify with individual department or at <a href="http://www.mcgill.ca/applying/graduate">www.mcgill.ca/applying/graduate</a> ).
Mar. 1, Sat.	SUPP	—→	Application deadline for supplemental examinations in Fall term courses and N1/N2 courses from the Fall term 2007 for Arts, Education, Law, Nursing, Religious Studies, Science and Social Work (not available for Agricultural and Environmental Sciences, Engineering [except freshman U0 courses] or Management courses).
Mar. 3, Mon.	APP	LAW	Deadline for application for admission to Law for students applying from a Quebec CEGEP, from French Baccalaureate Programmes and for Law Visiting Applicants.
Mar. 5, Wed.	APPGRAD	—→	Deadline to apply to graduate on Minerva for all Undergraduate students and Graduate students in all non-thesis programs (certificates, diplomas, master's non-thesis) who expect to complete their program requirements at the end of the Winter 2008 term (Spring 2008 convocation).
Mar. 6, Thurs.	REG	—→	Summer Term registration opens for Undergraduate students entering U3/U4 year; Continuing Education returning students; and Graduate students. Undergraduate students should refer to the Summer course calendar for all Management course priority registration dates. Graduate students should confirm dates with individual departments.
Mar. 6, Thurs.	REG	LAW	Summer Term registration opens for Law Undergraduate students.
Mar. 11, Tues. to Mar. 13, Thurs.	ADV	MUS	Distribution of registration information for returning students in the lobby of the Strathcona Music Building.
Mar. 11, Tues.	REG	—→	Summer Term registration opens for all Undergraduate students and Continuing Education newly-admitted and Special Students. Undergraduate students should refer to the Summer course calendar for all Management course priority registration dates.
Mar. 13, Thurs.	REG	—→	Summer Undergraduate Management courses open to all McGill students and Special and Visiting Students.
TBA	ADV	P&OT	Registration counselling in Physical and Occupational Therapy for returning students.
TBA	ADV	NURS	Academic advising for U2 Bachelor of Science (Nursing) students entering U3. Academic advising for B.N. Integrated Program for new students and for U3 students.
Mar. 14, Fri.	EXAM	A&ES	Deadline to report all exam conflicts to the Student Affairs Office (Laird Hall, Room 106) for Winter term exams.
Mar. 15, Sat.	REG	NURS	Registration deadline for Summer NUR1 clinical courses to guarantee placement.
Mar. 17, Mon.	NOTE	—→	Class schedule on Minerva is available for Fall 2008 and Winter 2009 registration.
Mar. 17, Mon.	ADV	ART/SCI/BSW	Departmental academic advising begins for returning students in Arts, B.A. & Sc., Science and Social Work.
Mar. 17, Mon.	ADV	A&ES/FMT	Academic advising begins for all returning undergraduate and Farm Management and Technology students in the Faculty of Agricultural and Environmental Sciences.
Mar. 17, Mon. & Mar. 18, Tues.	ADV	ENG	Distribution of all registration information for returning Engineering students in the Student Affairs Office, Engineering Student Centre, Frank Dawson Adams Building, Suite 22.
Mar. 17, Mon. to Mar. 20, Fri.	ADV	MGMT	Distribution of all registration information for returning Management students.
Mar. 17, Mon. to Mar. 20, Thurs.	ADV	EDUC	Academic advising and distribution of material for returning students in Education. Please consult the Student Affairs Website at <a href="http://www.mcgill.ca/edu-sao">www.mcgill.ca/edu-sao</a> for details.

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Mar. 17, Mon. to Apr. 11, Fri.	ADV	MUS	Academic advising for returning students in Music. Appointments to be arranged by individual departments.
Mar. 17, Mon. to Apr. 13, Sun.	INFO	—→	Online course evaluation period for Winter term: Evaluations available for completion on Mercury through Minerva.
Mar. 20, Thurs.	NOTE	—→	The normal Thursday schedule of course activities is cancelled for March 20. In its place, all lectures, labs, conferences and other course-related activities that are cancelled on Monday, March 24 because of Easter Monday will be held on Thursday, March 20.
Mar. 21, Fri. to Mar. 24, Mon.	HOLIDAY	—→	<b>EASTER.</b> No classes or exams. Administrative offices closed. Library hours to be announced.
Mar. 26, Wed.	APPGRAD	—→	Deadline for all Undergraduate students and Graduate students in all non-thesis programs (certificates, diplomas, master's non-thesis) who expect to complete their program requirements at the end of the Summer 2008 term (Fall 2008 convocation) to apply to graduate on Minerva.
Mar. 27, Thurs.	REG  NOTE	—→  EDUC	Registration for Fall 2008 and Winter 2009 using Minerva begins for all students entering the <u>graduating (U3/U4)</u> year of their program (excluding Law and courses offered by the Desautels Faculty of Management, except as noted below), and all students in Graduate degree programs, except for Continuing Education.  B.Ed. students doing 3 <sup>rd</sup> Field Experience in the Fall 2008 term must be registered for their EDFE course no later than July 28. Students must refer to the <a href="http://www.mcgill.ca/ost">www.mcgill.ca/ost</a> Website for detailed information.
Mar. 27, Thurs.	REG	MGMT	Registration for Fall 2008 and Winter 2009 in Management courses begins for undergraduate students entering their <u>graduating (U3/U4)</u> year: B.Com.; Minor in Management, Technological Entrepreneurship, Minor in Finance, Minor in Marketing, Minor in Operations Management, Construction Engineering and Management; B.A. Joint Honours Economics and Accounting; B.A. Joint Honours Economics and Finance; B.A. Faculty Program or Major in Industrial Relations; B.A. Major Concentration in Contemporary German Studies; Major in Agricultural Economics and B.Ed. in Kinesiology.
Mar. 27, Thurs.	REG	CE	Registration for Fall 2008 and Winter 2009 using Minerva begins for all returning Continuing Education- <b>Education</b> students only.
<b>April 2008</b>			
Apr. 1, Tues.	REG	—→	Registration for Fall 2008 and Winter 2009 using Minerva begins for students in all programs entering their <u>penultimate (U2)</u> year of study (excluding Law and courses offered by the Desautels Faculty of Management except as noted below), except for Continuing Education.
Apr. 1, Tues.	LEC	DENT	Last day of lectures for Winter term for 4 <sup>th</sup> year Dentistry students.
Apr. 1, Tues.	REG	MGMT	Registration for Fall 2008 and Winter 2009 in Management courses begins for undergraduate students entering their <u>penultimate (U2)</u> year of study: B.Com.; Minor in Management, Technological Entrepreneurship, Minor in Finance, Minor in Marketing, Minor in Operations Management, Construction Engineering and Management; B.A. Joint Honours Economics and Accounting; B.A. Joint Honours Economics and Finance; B.A. Faculty Program or Major in Industrial Relations; B.A. Major Concentration in Contemporary German Studies; Major in Agricultural Economics and B.Ed. in Kinesiology.
Apr. 3, Thurs.	REG	—→	Registration for Fall 2008 and Winter 2009 using Minerva begins for all returning students (excluding Law and courses offered by the Desautels Faculty of Management except as noted below), except for Continuing Education.
Apr. 3, Thurs.	REG	MGMT	Registration for Fall 2008 and Winter 2009 in Management courses begins for returning undergraduate students entering the <u>first (U1)</u> year of study: B.Com.; Minors in Management, Technological Entrepreneurship, Minor in Finance, Minor in Marketing, Minor in Operations Management, Construction Engineering and Management; B.A. Faculty Program or Major in Industrial Relations; B.A. Joint Honours Economics and Accounting; B.A. Joint Honours Economics and Finance; B.A. Major Concentration in Contemporary German Studies; Major in Agricultural Economics and B.Ed. in Kinesiology.
Apr. 8, Tues.	REG	MGMT	Registration for Fall 2008 and Winter 2009 in courses offered by the Desautels Faculty of Management opens for all returning students.
Apr. 8, Tues. to Apr. 16, Wed.	EXAM	DENT	Examination period for 4 <sup>th</sup> year Dentistry students.
Apr. 11, Fri.	INFO	—→	Last day for the Winter 2008 term for students to request fee exemptions from and to submit legal documents for proof of Canadian citizenship and proof of Quebec residency to the Enrolment Services Office. Students in Medicine or Continuing Education should submit their documents directly to their Faculty Student Affairs office or the Centre for Continuing Education. Documents received after this date will be updated for the following term only.

CALENDAR OF DATES

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Apr. 11, Fri.	LEC	—→	Last day of lectures for Winter term in Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, Social Work (BSW/MSW), and Science.
Apr. 11, Fri.	STAGE	BSW/MSW	Last day of Field Practice for B.S.W. students & for M.S.W students.
Apr. 14, Mon. to Apr. 30, Wed.	EXAM	—→	Examination period for Winter term and multi-term courses given by Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, Science, and Social Work. <i>Exams begin earlier for Dentistry students. Contact Faculty for specific dates.</i>
Apr. 18, Fri.	STAGE	D & HN	Last day for NUTR 409, Stage in Dietetics Level 3.
Apr. 18, Fri.	LEC	FMT	Last day of lectures in the Farm Management and Technology program.
Apr. 21, Mon. to Apr. 29, Tues.	EXAM	FMT	Winter term examination period for Farm Management and Technology program.
Apr. 21, Mon.	STAGE	ED	1 <sup>st</sup> & 2 <sup>nd</sup> Field Experiences begin for most B.Ed programs. Refer to <a href="http://www.mcgill.ca/ost">www.mcgill.ca/ost</a> for details.
Apr. 30, Wed.	REG	MUS	Deadline for returning students to submit practical lesson assignment card without a late fee.
<b>May 2008</b>			
May 1, Thurs.	IFT	ARCH	Deadline for inter/intra-faculty transfer application to the School of Architecture for the Fall term 2008.
May 1, Thurs.	IFT	BSW	Deadline for inter-faculty transfer application to the BSW Program for the Fall term 2008.
May 1, Thurs.	APP	—→	Deadline for application for admission to Architecture, Arts, B.A. & Sc., Education, Engineering, Management, Science, Nursing, Occupational Therapy, Physical Therapy or Social Work from Canadian citizens or permanent residents studying or who last studied in a Canadian university.
May 1, Thurs.	APP	—→	Deadline for Mature student application for admission to Architecture, Arts, B.A. & Sc., Education, Engineering, Management, Science, Nursing, Occupational Therapy, Physical Therapy or Social Work (Canadian citizens and permanent residents only).
May 1, Thurs.	APP	—→	Deadline for Special and Visiting Student application for admission to Architecture, Arts, Education, Engineering, Management, Science, Nursing, Occupational Therapy, Physical Therapy or Social Work from applicants (Canadians who last studied at college or university outside Canada and non-Canadians who last studied at college or university inside or outside Canada).
May 1, Thurs.	APP	—→	Deadline for application for admission to evening Part-time B.Com. Program.
May 1, Thurs.	APP	LAW	Deadline for Law Transfer and Quebec Bar applicants.
May 1, Thurs.	APP	REL	Application deadline for Fall admission of international students to Faculty of Religious Studies, BTh Program.
May 1, Thurs.	EXCH	—→	Deadline for incoming undergraduate exchange applications from bilateral partners with a Fall term (September) start. Please note that the Schulich School of Music has an earlier deadline.
May 1, Thurs.	EXCH	LAW	Deadline for incoming undergraduate exchange applications to the Faculty of Law from bilateral partners with a Fall term (September) and Winter term (January) start.
May 1, Thurs.	EXCH	—→	Deadline for incoming undergraduate exchange applications under the CREPUQ student exchange program with a Fall term (September) start and Winter term (January) start. Please note that the Schulich School of Music has an earlier deadline.
May 1, Thurs.	NOTE	NEW	Some new students, once they have confirmed their offer of admission but before registration begins, are permitted to change their programs via Minerva. See "Welcome to McGill" booklet, page 7 for details.
May 1, Thurs.	ORIENT	D & HN	Orientation for NUTR 209, Professional Practice Stage 1B (Dietetics) (mid-summer placements).
May 1, Thurs.	LEC/STAGE	NURS	Classes reconvene and clinical courses commence for U1, U2, and U3 Nursing students.
May 1, Thurs. & May 2, Fri.	EXAMS	—→	Deferred and supplemental examinations for Fall term courses in Arts, Education, Nursing, Physical and Occupational Therapy, Religious Studies, Science, Social Work and Engineering.
May 1, Thurs.	REG	LAW	Registration (credits restricted) for Fall 2008 and Winter 2009 begins for returning U4 students in Faculty of Law.
May 2, Fri. to May 6, Tues.	REG	CE	Summer Term late registration for all Continuing Education Students.

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
May 2, Fri. & May 5, Mon.	DEF	A&ES	Deferred examination in the Faculty of Agricultural and Environmental Sciences for courses ending in the Fall term.
May 5, Mon.	STAGE	D & HN	Orientation for NUTR 311, Stage in Dietetics 2B; placements begin May 6, Tuesday.
May 6, Tues.	REG	LAW	Registration (credits restricted) for Fall 2008 and Winter 2009 begins for returning U3 students in Faculty of Law.
May 8, Thurs.	REG	LAW	Registration (credits restricted) for Fall 2008 and Winter 2009 begins for returning U2 students in Faculty of Law.
May 12, Mon.	NOTE	—→	Grades of K will convert to KF for Fall term 2007 for all faculties except Dentistry, Medicine and Graduate Studies.
May 13, Tues.	REG	LAW	Registration (with credit limit raised) for Fall 2008 and Winter 2009 begins for all returning students in Faculty of Law.
May 15, Thurs.	DEF	—→	Application deadline for deferred examinations for Winter term and multi-term courses ending in the Winter term 2008 in Agricultural and Environmental Sciences, Arts (including School of Social Work), Continuing Education, Education, Engineering, Law, Management, Physical and Occupational Therapy and Science.
May 15, Thurs.	W	—→	Deadline for Web withdrawing (grade of "W") from multi-term courses (D1/D2, N1/N2) that started in the Winter term 2008 and end in the Summer term or in the Fall term ( <b>with fee refund for Summer term</b> ) for students in Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, Social Work, and Science (no withdrawals from Education Intensive).
	NOTE	—→	Students in multi-term courses with course numbers ending in N1 and N2 only (started in the Winter, skip the Summer, are completed in the subsequent Fall term) may withdraw on Minerva until May 15 and following May 15 until the end of the Fall term course change period on September 16 (with full fee refund for the Fall term) by contacting their faculty Student Affairs Office.
May 15, Thurs.	W--	GRAD	Deadline for newly-admitted students beginning their graduate thesis program in a Summer Term of Residence to withdraw from the University, with fee refund (less deposit or \$100 minimum charge).
May 19, Mon.	HOLIDAY	—→	<b>VICTORIA DAY.</b> (Classes cancelled). Administrative offices closed.
May 26, Mon.	CONV	—→	10:00 Faculty of Law 14:00 Schulich School of Music 18:00 Centre for Continuing Education
	NOTE	—→	For additional information regarding Convocation, please consult <a href="http://www.mcgill.ca/convocations">www.mcgill.ca/convocations</a> .
May 27, Tues.	CONV	—→	10:00 Faculty of Education 14:00 Desautels Faculty of Management
May 28, Wed.	CONV	—→	10:00 Faculty of Engineering 14:00 Health Sciences (Faculties of Medicine, Dentistry, and Schools of Nursing and Physical & Occupational Therapy)
May 29, Thurs.	CONV	—→	10:00 Faculty of Science "A" 14:00 Faculty of Science "B"
May 30, Fri.	CONV	—→	10:00 Faculty of Arts "A", Faculty of Religious Studies and B.A. & Sc. degrees 14:00 Faculty of Arts "B"
May 30, Fri.	PREXAM	MUS	Application deadline for September practical examinations in Music. (Summer graduands only.)
May-June-July-Aug.	STAGE	P&OT	Clinical Affiliations for 2 <sup>nd</sup> year Physical and Occupational Therapy students.
<b>June 2008</b>			
TBA	ORIENT	—→	CSI: McGill (Cegep Students Information) Session - Coordinated by the First-Year Office, this information session is intended for Cegep students who have confirmed their acceptance to McGill University. Useful information will be provided to help you understand the course calendar as well as tips and advice about Minerva registration. Watch for further information on McGill in Mind regarding the scheduling of this event.
June 1, Sun. to Sept. 2, Tues.	ADV	ART/SCI	On-line academic advising for students newly-admitted to the U0 four-year program (97-120 credits). Refer to the "Welcome to McGill" booklet and the Student Affairs Office Website ( <a href="http://www.mcgill.ca/artscisao">www.mcgill.ca/artscisao</a> ) for details. Departmental academic advising for all other newly-admitted Arts, B.A. & Sc., and Science students. Refer to the "Welcome to McGill" booklet, the Student Affairs Office Website ( <a href="http://www.mcgill.ca/artscisao">www.mcgill.ca/artscisao</a> ) and departmental Websites for information about advising dates.

## CALENDAR OF DATES

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
June 1, Sun.	APP	CE	Application deadline for Fall admission to Continuing Education Programs.
June 1, Sun.	IFT	P&OT	Physical and Occupational Therapy application deadline for Fall term 2008 inter-faculty transfers.
June 1, Sun.	IFT	—→	Agricultural and Environmental Sciences, Arts, B.A. & Sc., Education, Engineering (except Architecture), Management and Science application deadline for Fall term 2008 inter-faculty transfers. This deadline also applies to Continuing Education students wishing to transfer into Management.
June 1, Sun.	READ	ENG	Deadline for readmission to the Faculty of Engineering (including Architecture) for Fall term 2008.
June 2, Mon.	CONV	—→	14:00 Faculty of Agricultural and Environmental Sciences
June 2, Mon.	THES	GRAD	Deadline to submit Doctoral theses with Nomination of Examiners forms to GPSO (Thesis Office) for students expecting to convocate in Fall 2008. Meeting this deadline does not guarantee a Fall graduation.
June 6, Fri.	ADV	NURS	Academic advising and orientation for students entering the Bachelor of Nursing (Integrated) Program (B.N.I.) Time to be determined.
June 6, Fri.	LEC/EXAM/STAGE	NURS	Last day of lectures, Clinical Placement (including examinations) for U2 and U3 Bachelor of Science (Nursing) students.
June 10, Tues. to Sept. 2, Tues.	REG	—→	Registration for Fall 2008 and Winter 2009 using Minerva begins for all <u>newly-admitted</u> undergraduate students in the following faculties who have been admitted from Quebec CEGEPs. Agricultural and Environmental Sciences, Arts, B.A. & Sc., Education, Engineering including Architecture, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, Science (including Medical Prep. and Dental Prep. students), and Social Work.
June 10, Tues. to Aug. 19, Tues.	IDCARD	—→	Once students from Quebec CEGEPs have registered, they can avoid line-ups and get their ID cards early at Enrolment Services, James Administration Building, Room 205. Office hours are Monday to Thursday 9:00 a.m. to 5:00 p.m. and Fridays 10:00 a.m. to 5:00 p.m. excluding Tuesday, June 24th and Tuesday, July 1st as these are statutory holidays.
June 10, Tues. to Aug. 22, Fri.	IDCARD	A&ES	Agricultural and Environmental Science students admitted from Quebec CEGEPs can get their ID cards in the Student Affairs Office, Laird Hall, Room 106, from 9:00 a.m. to 3:30 p.m., Monday through Thursday and 9:00 a.m. to 12:00 p.m. on Friday throughout the Summer. Please note that the Student Affairs Office will be closed on Tuesday, June 24th and Tuesday, July 1st as these are statutory holidays.
June 13, Fri.	LEC/EXAM/STAGE	NURS	Last day of lectures, Clinical Placement (including examinations) for U1 Bachelor of Science (Nursing) students.
June 13, Fri.	STAGE	NURS	Last day of clinical for Bachelor of Nursing Integrated Program for students in Summer Session NUR1 331.
June 15, Sun.	APP	REL	Deadline for application for Fall admission to Faculty of Religious Studies, BTh Program.
June 15, Sun.	IFT	REL	Deadline for inter-faculty transfer to the Faculty of Religious Studies for the Fall term 2008.
June 15, Sun.	READ	REL	Deadline for readmission to the Faculty of Religious Studies for the Fall term 2008.
June 15, Sun.	REG	NURS	Registration deadline for Fall NUR1 clinical courses to guarantee placement.
June 16, Mon.	THES	GRAD	Deadline to submit Master's theses with Nomination of Examiners forms to GPSO (Thesis Office) for students expecting to convocate in Fall 2008. Meeting this deadline does not guarantee a Fall graduation.
June 20, Fri.	LEC	MED	Last day of lectures and examinations for 2 <sup>nd</sup> year Medicine students.
June 20, Fri.	STAGE	D & HN	Last day for NUTR 311, Stage in Dietetics 2B.
June 20, Fri.	LEC	DENT	Last day of lectures for 2 <sup>nd</sup> year Dentistry students.
June 24, Tues.	HOLIDAY	—→	<b>LA FÊTE NATIONALE DU QUÉBEC.</b> (Classes cancelled). Administrative offices closed. Libraries closed.
June 26, Thurs.	LEC/EXAM	DENT/MED	Last day of lectures (including examinations) for 1 <sup>st</sup> & 3 <sup>rd</sup> year Dentistry students and 1 <sup>st</sup> year Medicine students.
TBA	ADV	NURS	Academic advising for new Bachelor of Nursing Integrated program students. N.B. The date for Advising for these students will be the same date as the First Year Office for introduction to Minerva (CSI Session).
June 30, Mon.	STAGE	D & HN	Placements begin for NUTR 209, Professional Practice Stage 1B (Dietetics).
<b>July 2008</b>			
July 1, Tues.	HOLIDAY	—→	<b>CANADA DAY.</b> (Classes cancelled). Administrative offices closed. Libraries closed.
July 1, Tues.	APP	—→	Deadline for Special and Visiting Student application for admission to Architecture, Arts, Education, Engineering, Management, Science, Nursing, Occupational Therapy, Physical Therapy or Social Work from applicants (Canadians) who last studied at college or university inside Canada.



DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
July 2, Wed.	LEC/EXAM	DENT	Last day of lectures (including examinations) for 2 <sup>nd</sup> year Dentistry students.
July 2, Wed.	REG	CE	Registration using Minerva begins for <u>returning students</u> in Continuing Education for Fall courses and programs.
July 8, Tues.	REG	CE	Registration using Minerva begins for <u>newly-admitted</u> students in Continuing Education for Fall courses and programs.
July 15, Tues.	SUPP	—→	Application deadline for supplemental examinations for courses ending in Winter term 2008 (including multi-term courses ending in Winter term) for Arts, Education, Law, Nursing (including courses ending in the Summer Term), Religious Studies, Science, and Social Work (supplemental exams not available for Agricultural and Environmental Sciences, Engineering (UO courses only) or Management courses).
July 15, Tues.	READ	—→	Deadline for application for readmission to the faculties of Arts and of Science and to the Desautels Faculty of Management for Fall term 2008.
July 15, Tues. to Sept. 2, Tues.	REG	NEW LAW	Registration for Fall 2008 and Winter 2009 using Minerva begins for all <u>newly-admitted</u> students in Law.
July 15, Tues.	REG	CE	Registration using Minerva for <u>returning Continuing Education Special students</u> for Fall courses and programs.
July 21, Mon.	LEC	MED	Lectures begin for 3 <sup>rd</sup> year Medicine students (PHP-D).
July 25, Fri.	STAGE	D & HN	Last day for activities for 1 <sup>st</sup> year Dietetics (Stage) students (NUTR 209).
July 28, Mon.	REG	RET	Last day for returning students in all faculties to register (except Continuing Education) without a late registration fee.
	NOTE	EDUC	Deadline for returning B.Ed. students to register for Fall term EDFE courses and to submit Placement forms ( <a href="http://www.mcgill.ca/ost">www.mcgill.ca/ost</a> ).
July 29, Tues. to Sept. 2, Tues.	REG	RET	Late registration and course change on Minerva for returning students in all faculties (except Continuing Education) with a \$50 late registration fee (\$20 for Special students and Graduate part-time students).
July 29, Tues. to Sept. 2, Tues.	REG	NEW	Registration for Fall 2008 and Winter 2009 using Minerva for all <u>newly-admitted</u> undergraduate students in the following faculties whose highest level of education prior to registering at McGill is a French Baccalaureate, International Baccalaureate or at least one year of university.  Agricultural and Environmental Sciences, Arts, B.A. & Sc., Education, Engineering including Architecture, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, Science and Social Work.
	NOTE	—→	<b>Note:</b> Students admitted from Quebec CEGEPs have access to registration as of <b>June 10</b> .
July 29, Tues. to Aug. 19, Tues.	IDCARD	—→	Canadian students can avoid line-ups and get their ID cards early once they have registered. Visit Enrolment Services, James Administration Building, Room 205, from July 29 to August 19. Office hours are Monday to Thursday 9:00 a.m. to 5:00 p.m. and Fridays 10:00 a.m. to 5:00 p.m.
July 29, Tues. to Aug. 22, Fri.	IDCARD	A&ES	New students can avoid line-ups and get their ID cards Monday to Thursday at Laird Hall, Room 106, from 9:00 a.m. to 3:30 p.m., and Friday from 9:00 a.m. to 12:00 p.m. Alternatively, they can sign up to get their ID Card during Orientation Week at <a href="http://www.mcgill.ca/macdonald/orientation">www.mcgill.ca/macdonald/orientation</a> .
July 30, Wed. to Sept. 2, Tues.	REG	NEW	Registration for Fall 2008 and Winter 2009 using Minerva for all <u>newly-admitted</u> undergraduate students in the following faculties whose highest level of education prior to registering at McGill is high school.  Arts, B.A. & Sc., Education, Management, Music, Religious Studies and Social Work.
	NOTE	—→	Students admitted from Quebec CEGEPs have access to registration as of <b>June 10</b> and those whose highest level of education prior to registering at McGill is a French Baccalaureate, International Baccalaureate or at least one year of university have access to registration as of <b>July 29</b> .

## CALENDAR OF DATES

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
July 31, Thurs. to Sept. 2, Tues.	REG	NEW	Registration for Fall 2008 and Winter 2009 using Minerva for all <u>newly-admitted</u> undergraduate students in the following faculties whose highest level of education prior to registering at McGill is high school.  Agricultural and Environmental Sciences, Engineering including Architecture, Nursing, Physical and Occupational Therapy, and Science.  NOTE ————→ Students admitted from Quebec CEGEPs have access to registration as of <b>June 10</b> ; students whose highest level of education prior to registering at McGill is a French Baccalaureate, International Baccalaureate or at least one year of university have access to registration as of <b>July 29</b> ; and students whose highest level of education prior to registering at McGill is high school and going into Arts, B.A. & Sc., Education, Management, Music, Religious Studies, and Social Work have access to registration as of <b>July 30</b> .
<b>August 2008</b>			
Aug. 1, Fri.	READ	EDUC	Deadline for readmission to the Faculty of Education for Fall term 2008.
Aug. 4, Mon. to Aug. 29, Fri.	ADV	A&ES	Academic advising for new students in Agricultural and Environmental Sciences and School of Dietetics and Human Nutrition. Advising available during Orientation week as well. See <a href="http://www.mcgill.ca/macdonald/orientation">www.mcgill.ca/macdonald/orientation</a> for more details.
Aug. 5, Tues. to Aug. 19, Tues.	REG	MED/DENT	Registration using Minerva for 1 <sup>st</sup> year Medicine and Dentistry students.
Aug. 5, Tues. to Sept. 2, Tues.	REG	NEW	Registration using Minerva for all <u>newly-admitted</u> students in Graduate Studies.
Aug. 11, Mon. to Aug. 21, Thurs.	DEF/SUPP	LAW	Deferred and supplemental examinations in Law.
Aug. 15, Fri.	INFO	————→	Last day for the Summer 2008 term for students to request fee exemptions and to submit legal documents for proof of Canadian citizenship and proof of Quebec residency to the Enrolment Services Office. Students in Medicine or Continuing Education should submit their documents directly to their Faculty Student Affairs office or the Centre for Continuing Education. Documents received after this date will be updated for the following term only.
Aug. 15, Fri.	IFT	NURS	Deadline for application for Inter-faculty transfer into Nursing for Fall term 2008.
Aug. 15, Fri.	NOTE	————→	Grades of K will convert to KF for Winter term 2008 for all faculties except Dentistry, Medicine and Graduate Studies.
Aug. 15, Fri.	REG	EDUC	Deadline for newly admitted B.Ed. students to register for Fall term EDFE course and to submit Placement Forms ( <a href="http://www.mcgill.ca/ost">www.mcgill.ca/ost</a> ).
Aug. 15, Fri.	READ	NURS	Deadline for application for readmission to School of Nursing for Fall term 2008.
Aug. 15, Fri.	READ	A&ES	Deadline for application for readmission to Agricultural & Environmental Sciences for Fall term 2008.
Aug. 15, Fri.	PLEXAM	NEW	Application deadline for newly-admitted students for McGill Placement Examinations in basic science courses in biology, chemistry, physics and math including MATH 122 and MATH 123 for newly-admitted Management students. See <a href="http://www.mcgill.ca/student-records/exam/placement">www.mcgill.ca/student-records/exam/placement</a> for more details.
Aug. 15, Fri.	REG	————→	Registration using Minerva begins for Fall term Continuing Education courses for all faculties except Dentistry, Law, Management (day programs), Medicine, Nursing and Physical and Occupational Therapy.
Aug. 17, Sun. to Aug. 29, Fri.	LEC	ART/SCI	Field course BIOL 331 begins and runs for 12 consecutive days. Students must contact the instructor well in advance for registration approval and instructions on getting to the field site.
Aug. 18, Mon.	REG	DENT	In-faculty confirmation of registration for 3 <sup>rd</sup> and 4 <sup>th</sup> year Dentistry students.
Aug. 18, Mon.	LEC	DENT	Lectures begin in the Faculty of Dentistry for 3 <sup>rd</sup> and 4 <sup>th</sup> year students.
Aug. 18, Mon. to Aug. 29, Fri.	ADV	ART/SCI	Information sessions on a drop-in basis for all newly-admitted Arts, B.A. & Sc., and Science students. Refer to the Student Affairs Office Website at <a href="http://www.mcgill.ca/artscisao">www.mcgill.ca/artscisao</a> for details.
Aug. 18, Mon. to Aug. 28, Mon.	ADV	EDUC	Academic advising for new students in Education. (Please consult the Student Affairs Website at <a href="http://www.mcgill.ca/edu-sao">www.mcgill.ca/edu-sao</a> for exact schedule).
Aug. 19, Tues. & Aug. 20, Wed.	EXAMS	A&ES	Deferred examinations in the Faculty of Agricultural and Environmental Sciences for Winter 2008 courses.
Aug. 19, Tues. to Aug. 21, Thurs.	REG	MED/DENT	Must confirm registration by attending mandatory in-faculty confirmation of registration and orientation for 1 <sup>st</sup> year Medicine and Dentistry students (3 days).
Aug. 20, Wed. to Aug. 29, Fri.	IDCARD	————→	IDs at the Trottier Building Cafeteria from 9:00 a.m. to 5:00 p.m. Including Saturday, August 23 and Sunday, August 24.



DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Aug. 20, Wed. & Aug. 21, Thurs.	EXAMS	—▶	Deferred and supplemental examinations for courses ending in Winter term 2008 (including multi-term courses ending in the Winter term) for Arts, Education, Nursing (including courses ending in the Summer term), Physical and Occupational Therapy, Religious Studies, Science, Social Work and Engineering.
Aug. 20, Wed. & Aug. 21, Thurs.	PLEXAM	NEW	McGill Placement Examinations for newly-admitted students in basic science courses in biology, chemistry, physics and math, including MATH 122 and MATH 123 for newly-admitted Management students. See <a href="http://www.mcgill.ca/student-records/exam/placement">www.mcgill.ca/student-records/exam/placement</a> for more details.
Aug. 20, Wed.	REG	MED	Orientation for Med-P students.
Aug. 25, Mon.	LEC	DENT/MED	Lectures begin in the Faculty of Dentistry for 1 <sup>st</sup> year students and in the Faculty of Medicine for 1 <sup>st</sup> year students.
Aug. 25, Mon. to Aug. 29, Fri.	ORIENT	ART/SCI	Arts and Science Departmental Orientation sessions for Arts, B.A. & Sc., and Science newly-admitted students in U1 three-year programs (96 or fewer credits), Special, Visiting, Exchange and Diploma students. Refer to the Student Affairs Office Website ( <a href="http://www.mcgill.ca/artscisao">www.mcgill.ca/artscisao</a> ) and departmental Websites for information about departmental orientation dates.
Aug. 25, Mon.	ADV	ENG	Transfer credit session for new students entering Year 0. Frank Dawson Adams Building, Room 5, 11:00 a.m.
Aug. 25, Mon.	LEC	A&ES	Students registering for PLNT 358 report for field excursion at 9:00 a.m. in R2-046 Raymond Building, Macdonald Campus. Field excursions continue on Aug. 26, 28, and 29.
Aug. 25, Mon.	LEC	FMT	First day of lectures in Farm Management and Technology Program (all years).
Aug. 25, Mon. & Aug. 27, Wed.	PLEXAM	MUS	Undergraduate Placement Examinations in Music History, Theory, Musicianship and Keyboard Proficiency.
Aug. 25, Mon. to Aug. 29, Fri.	LEC	A&ES	Students registering for WILD 401 report for class at 9:00 a.m. Field session lasts from Monday to Friday inclusive.
Aug. 25, Mon. to Aug. 29, Fri.	IDCARD	A&ES	IDs at Laird Hall during "Discover Mac" week. Refer to Orientation schedule and Website <a href="http://www.mcgill.ca/macdonald">www.mcgill.ca/macdonald</a> for more details (closed Monday, September 1).
Aug. 25, Mon. to Aug. 29, Fri.	ORIENT	ALL	Orientation Week
Aug. 25, Mon. to Aug. 29, Fri.	ORIENT	A&ES	"Discover Mac" – Faculty Orientation for all new students in the Faculty of Agricultural and Environmental Sciences. Refer to orientation schedule and Website <a href="http://www.mcgill.ca/macdonald/orientation">www.mcgill.ca/macdonald/orientation</a> for details.
Aug. 25, Mon. to Sept. 12, Fri.	ORIENT	ALL	Orientation Centre opens daily at 9:00 a.m., Brown Student Services Building, 2 <sup>nd</sup> floor, 3600 McTavish Street (closed weekends and Labour Day).
Aug. 25, Mon. to Sept. 16, Tues.	ORIENT	ALL	First-Year Resource Room opens daily (9:00 a.m. to 5:00 p.m.) Brown Student Services Building, Room 2100, 3600 McTavish Street (closed weekends and Labour Day).
Aug. 26, Tues.	ORIENT	NEW	"Discover McGill" - University and Faculty orientation for all new undergraduate students. Refer to "Welcome to McGill" booklet for details.
Aug. 27, Wed. to Aug. 29, Fri.	PLEXAM	NEW	McGill Placement Examinations for newly-admitted students in basic science courses in biology, chemistry, physics and math, including MATH 122 and MATH 123 for newly-admitted Management students. See <a href="http://www.mcgill.ca/student-records/exam/placement">www.mcgill.ca/student-records/exam/placement</a> for more details.
Aug. 27, Wed. to Sept. 12, Fri.	ADV	ENG	Compulsory academic advising and course approval required for ALL returning Engineering students including Architecture (first two weeks of classes).
Aug. 27, Wed.	ADV	MGMT	Advising (compulsory) for new degree students in Management. See "Welcome to McGill" booklet for specific details.
Aug. 27, Wed.	ADV	NURS	Academic advising and orientation for students entering the Bachelor of Science (Nursing) Program as U0 and mature students from 10:30 a.m. to 12:00 noon. Academic advising and transfer credits/course exemptions assessment for students transferring from other universities into the Bachelor of Science (Nursing) Program in Nursing, from 1:00 p.m. to 4:00 p.m. (Details in the "Welcome to McGill" booklet).
Aug. 28, Thurs.	INFO	BSW	B.S.W. Field Practice Welcome Day (all day).
Aug. 28, Thurs.	INFO	MSW	M.S.W. information session (afternoon).
Aug. 28, Thurs. & Aug. 29, Fri.	ADV	ENG	Advising (compulsory) for new students in Engineering including Architecture. Refer to "Welcome to McGill" booklet and Website <a href="http://www.mcgill.ca/engineering/newstudents">www.mcgill.ca/engineering/newstudents</a> for specific dates.
Aug. 29, Fri.	REG	ALL	Deadline for cancellation of registration for the Fall term except Continuing Education. (Deposit is non-refundable for new students.)
Aug. 29, Fri.	ADV	MGMT	Advising (compulsory) for Special, Visiting & Exchange Students in Management.

## CALENDAR OF DATES

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Aug. 29, Fri.	ADV	MUS	Advising of new undergraduate students in Music at the Strathcona Music Building at 10:00 a.m. Please consult the Student Affairs Website at <a href="http://www.mcgill.ca/music">www.mcgill.ca/music</a> for specific details.
Aug. 29, Fri.	APP	ALL	Deadline to request deferral of Fall term admission to McGill for all undergraduate faculties (excluding Medicine, Dentistry, Law and Music). Further information about Medicine deferrals is available at <a href="http://www.medicine.mcgill.ca/admissions">www.medicine.mcgill.ca/admissions</a> .
Aug. 29, Fri.	THES	GRAD	Registered students in 2007-2008 who have completed the residency in a thesis program and who submit their theses to GPSO (Thesis Office) on or before this date are not required to register for the 2008-2009 academic year. Students who have already registered for the year must ask the Graduate and Postdoctoral Studies Office, in writing, to delete their registration at the time of their thesis submission, by completing the "Request to Cancel Graduating Program Registration" form on the Web at <a href="http://www.mcgill.ca/gps/programs/dates">www.mcgill.ca/gps/programs/dates</a> .
	NOTE	GRAD	Students should not expect to graduate in Fall 2008, but <b>must</b> graduate by Fall 2009 (at the latest), otherwise, they must be reinstated and will be charged retroactive registration fees for all unregistered sessions up to and including the term in which they graduate.
Aug. 29, Fri.	ORIENT	LAW	Faculty Orientation and in-faculty confirmation of registration for 1 <sup>st</sup> year, Special and Visiting Students in Law, Chancellor Day Hall.
<b>September 2008</b>			
Sept. 1, Mon.	HOLIDAY	—→	<b>LABOUR DAY.</b> (Classes cancelled). Administrative offices closed.
Sept. 1, Mon.	APP	LAW	On-line application opens for undergraduate Law Program.
Sept. 1, Mon.	APP	MED	On-line application opens for undergraduate Medical program.
Sept. 1, Mon.	APP	DENT	On-line application opens for Dental Residency program.
Sept. 2, Tues.	ORIENT	GRAD	University Orientation for new graduate students in Thomson House, 3650 McTavish Street, either 11:00 a.m. to 12:00 noon, OR 3:00 p.m. to 4:00 p.m., OR 5:00 p.m. to 6:00 p.m.
Sept. 2, Tues.	ORIENT	D & HN	Orientation for NUTR 510, Professional Practice–Stage 4 (Dietetics). Placements commence September 3.
Sept. 2, Tues.	STAGE	BSW	B.S.W. Field Practice commences.
Sept. 2, Tues.	LEC	DENT/MED	Lectures begin in the Faculties of Dentistry and Medicine for 2 <sup>nd</sup> year students.
Sept. 2, Tues.	LEC	MSW	M.S.W. lectures begin.
Sept. 2, Tues.	REG	CE	Deadline for students to register for Continuing Education courses without a late registration fee.
Sept. 2, Tues.	REG	ALL	Deadline for new students to register without a late registration fee for all faculties and for returning students to register with a \$50 late fee (\$20 for Special Students and Graduate part-time students).
Sept. 2, Tues.	LEC	—→	Lectures begin in programs in Agricultural and Environmental Sciences, Arts, all credit courses and non-credit language courses at Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy (1 <sup>st</sup> and 2 <sup>nd</sup> year), Religious Studies, and Science.
	NOTE	—→	The normal Tuesday schedule of course activities will be cancelled for December 2, 2008. In its place, all lectures, labs, conferences and other course-related activities that are normally held on <b>Monday</b> will be held on <b>Tuesday, December 2, 2008</b> as well. This change in schedule is to make up for activities that will be cancelled on Monday, October 13 due to Thanksgiving Day.
	NOTE	EDUC	Education students should consult the appropriate Faculty of Education Advising material for details regarding Field Experience courses. Please be aware that a number of placements end later than the last day of lectures in the Fall term.
Sept. 2, Tues.	ORIENT	P&OT	Orientation for 2 <sup>nd</sup> year Physical and Occupational Therapy students.
Sept. 2, Tues.	ORIENT	NURS	Compulsory orientation for 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> year Bachelor of Science (Nursing) students.
Sept. 2, Tues.	AWRD	GRAD	Start of external and internal graduate fellowship competitions for 2009-2010 funding. Graduate and final-year undergraduate students should enquire in their department and on the fellowships Website at <a href="http://www.mcgill.ca/gps/fellowships">www.mcgill.ca/gps/fellowships</a> regarding information session schedules and application procedures and deadlines.
Sept. 2, Tues. to Sept. 5, Fri.	AUD	MUS	Auditions for students wishing to take Music Ensemble courses.
Sept. 2, Tues. to Sept. 12, Fri.	REG	MUS	Music (practical lessons) Course Change period in Fall term courses. Submit course change form to Performance Department. (No withdrawals from practical lessons after this period.)

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Sept. 3, Wed.	LEC	BSW	Lectures begin for B.S.W. students.
Sept. 3, Wed.	STAGE	MSW	M.S.W. Field Practice commences.
Sept. 3, Wed.	ORIENT	P&OT	Orientation for 1 <sup>st</sup> year Physical and Occupational Therapy students.
Sept. 3, Wed. to Sept. 16, Tues.	REG	ALL	Late registration period with \$100 late registration fee for all faculties; \$40 for Special Students and Graduate part-time students (\$25 late registration fee for Continuing Education students).
Sept. 4, Thurs.	ORIENT	GRAD	University Orientation for new graduate students in Thomson House, 3650 McTavish Street, 3:00 p.m. to 4:00 p.m.
Sept. 4, Thurs.	ORIENT	POSTDOC	University Orientation for new postdoctoral scholars in Thomson House, 3650 McTavish Street, 5:00 p.m. to 6:00 p.m.
Sept. 8, Mon.	LEC	P&OT	First day of lectures for 3 <sup>rd</sup> year students in Physical and Occupational Therapy.
Sept. 8, Mon.	ORIENT	P&OT	Orientation for 3 <sup>rd</sup> year Physical and Occupational Therapy students.
Sept. 8, Mon. to Sept. 12, Fri.	PREXAM	MUS	Practical Examinations for Summer graduands in Music.
Sept. 9, Tues.	REG	EDUC	Deadline to register for condensed (6-7 week) Education courses.
Sept. 15, Mon.	EXCH	—→	Deadline for incoming undergraduate exchange applications from bilateral partners with a Winter term (January) start. Please note that the Schulich School of Music and the Faculty of Law have earlier deadlines.
Sept. 15, Mon.	LEC	CE	Lectures begin in Special Intensive English, Special Intensive French and General Studies non-credit courses at Continuing Education.
Sept. 16, Tues.	W	—→	Deadline for Web withdrawing (grade of "W") from multi-term courses (D1/D2, N1/N2) that started in Summer 2008 ( <b>with fee refund for Fall term 2008</b> ) for students in Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Physical and Occupational Therapy, Religious Studies, Social Work, and Science (no withdrawals from Education Intensive courses).
	NOTE	—→	Please note that students in multi-term courses with course numbers ending in N1 and N2 only (started in the Winter, skip the Summer, are completed in the subsequent Fall term) may withdraw on Minerva until May 15 and following May 15 until the end of the Fall term course change period on <b>September 16</b> (with full fee refund for the Fall term) by contacting their faculty Student Affairs Office.
Sept. 16, Tues.	REG	—→	Course Change (drop/add) deadline for Fall term and first part of multi-term courses starting in September 2008 for Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music (except practical lessons), Nursing, Physical and Occupational Therapy, Religious Studies, Social Work, and Science. (No withdrawals from Music Ensembles after this date.)
	NOTE	—→	Last day to select the S/U grade mode on Fall term electives or the first half of multi-term electives that start in September 2008. Select the S/U option through Minerva or your faculty Student Affairs Office. Rules on the S/U option can be found at <a href="http://www.mcgill.ca/student-records/register/s-u-option">www.mcgill.ca/student-records/register/s-u-option</a> .
Sept. 19, Fri.	AWRD	GRAD	Returning Master's and Doctoral level students should enquire of their departments or the GPSO (Graduate Fellowships and Awards) regarding precise deadlines for internal and external fellowship competitions; important deadlines normally fall during the months of October and November.
Sept. 21, Sun.	W	CE	Deadline to Web withdraw (grade of "W") with fee refund from Continuing Education <i>credit</i> courses (\$20 fee).
Sept. 21, Sun.	W/W--	ALL	Deadline to Web withdraw (grade of "W") or University Withdrawal (grade of "W--") with full fee refund (less \$100 minimum charge for returning students; less deposit or \$100 minimum charge for new students, in case of complete withdrawal from the University).
Sept. 22, Mon.	READ	NURS	Applications open for readmission to the School of Nursing.
Sept. 29, Mon. to Oct. 3, Fri.	VERIF	—→	Verification period via Minerva for all students in all faculties. It is especially critical that graduating students verify their records. Faculty of Law students must pick up their examination number during Verification from their Faculty Student Affairs Office.
Sept. 30, Tues.	APP	DENT	Deadline for applications to the Oral and Maxillofacial Residency Program and the MDT Residency Program.
Sept. 30, Tues.	NOTE	NURS	Deadline for <u>Quebec address</u> to be entered on Minerva for OIQ Immatriculation purposes; deadline for U1 Bachelor of Science (Nursing) students to complete required immunizations.

## CALENDAR OF DATES

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
<b>October 2008</b>			
Oct. 1, Wed.	APP	LAW	Deadline for Law Quebec Bar applicants for Winter term 2009.
Oct. 1, Wed.	APP	CE	Application deadline for Winter admission to Continuing Education Programs.
Oct. 1, Wed.	EXCH	→	McGill Study Abroad Fair. Stephen Leacock Building, Ground Floor Corridor.
Oct. 3, Fri.	EVENT	MED	Faculty of Medicine White Coat Ceremony (2 <sup>nd</sup> year students).
Oct. 6, Mon.	THES	GRAD	Deadline for submission of doctoral theses with Nomination of Examiners forms to GPSO (Thesis Office) for students expecting to graduate in February 2009. Meeting this deadline does not guarantee a Winter graduation.
Oct. 6, Mon. to Oct. 11, Sat.	STAGE	FMT	Farm Practice 1 in Farm Management and Technology Program.
Oct. 13, Mon.	HOLIDAY	→	<b>THANKSGIVING DAY.</b> (Classes cancelled). Administrative offices closed. Continuing Education evening classes will be re-scheduled.
	NOTE	→	The normal Tuesday schedule of course activities will be cancelled for December 2, 2008. In its place, all lectures, labs, conferences and other course-related activities that are normally held on <b>Monday</b> will be held on <b>Tuesday, December 2, 2008</b> as well. This change in schedule is to make up for activities that are cancelled on Monday, October 13 due to Thanksgiving Day.
Oct. 16, Thurs. to Oct. 19, Sun.	EVENT	ALL	Homecoming 2008.
Oct. 18, Sat.	EVENT	A&ES	Macdonald Campus Homecoming.
Oct. 19, Sun.	W/W--	→	Deadline for Web withdrawing (grade of "W") or University Withdrawal (grade of "W--") from Fall term 2008 courses and Continuing Education Fall term courses ( <b>with no fee refund</b> ) for students in Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, Social Work, and Science. (No withdrawals from Education Intensive or from ensembles or practical lessons in Music.)
Oct. 20, Mon.	THES	GRAD	Deadline for submission of Master's theses with Nomination of Examiners forms to GPSO (Thesis Office) for students expecting to graduate in February 2009. Meeting this deadline does not guarantee a Winter graduation.
Oct. 21, Tues.	AWRD	A&ES	Scholarship Awards Reception and Presentation, Faculty of Agricultural and Environmental Sciences (4:00 p.m. to 6:00 p.m.), Ceilidh, Centennial Centre.
Oct. 30, Thurs.	REG	CE	Registration using Minerva for Winter courses and programs for returning students in Continuing Education.
<b>November 2008</b>			
Nov. 1, Sat.	APP	REL	Application deadline for Winter admission to Faculty of Religious Studies, BTh Program.
Nov. 1, Sat.	APP	NURS	Applications open for Winter admissions to the School of Nursing Bachelor of Science (Nursing) program. A limited number of applications may be considered for the Bachelor of Nursing Integrated Program. Verify which programs are open before applying. See <a href="http://www.mcgill.ca/applying/undergrad">www.mcgill.ca/applying/undergrad</a> .
Nov. 1, Sat.	APP	→	Application deadline for Winter admission to undergraduate programs. Verify which programs are open before applying. See <a href="http://www.mcgill.ca/applying/undergrad">www.mcgill.ca/applying/undergrad</a> for details.
Nov. 1, Sat.	IFT	→	Application deadline for Winter term 2009 inter-faculty transfers for Faculties of Engineering (excluding Architecture) and Religious Studies. For Engineering programs open see Website: <a href="http://www.mcgill.ca/engineering/student/sao/current/faculty_transfer_readmission">www.mcgill.ca/engineering/student/sao/current/faculty_transfer_readmission</a> .
	NOTE	→	The Faculties of Arts, Education, and Management, and certain programs in Engineering do not accept Winter term inter-faculty transfers. Also, please contact the Schulich School of Music to determine which of their programs accept Winter term inter-faculty transfers.
Nov. 1, Sat.	READ	ENG	Deadline for application for readmission to Faculty of Engineering (including Architecture) for Winter term 2009.
Nov. 1, Sat.	READ	REL	Deadline for application for readmission to Faculty of Religious Studies for Winter term 2009.
Nov. 1, Sat.	REG	EDUC	Deadline for B.Ed. students to register for Winter term EDFE course and to submit Placement Forms ( <a href="http://www.mcgill.ca/ost">www.mcgill.ca/ost</a> ).
Nov. 3, Mon.	APP	LAW	Deadline for University and Mature (non-CEGEP) Law Applications into first year.
Nov. 4, Tues.	REG	CE	Registration using Minerva for Winter courses and programs for newly-admitted students in Continuing Education.
Nov. 6, Thurs. to Dec. 3, Wed.	INFO	→	Online course evaluation period for Fall term: Evaluations available for completion on Mercury through Minerva.

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Nov. 7, Fri.	EXCH	LAW	Deadline for students in the Faculty of Law to apply for faculty approval to participate in an exchange program during the 2009-2010 academic year.
Nov. 7, Fri.	LEC	P&OT	Last day of lectures for 3 <sup>rd</sup> year students in Physical and Occupational Therapy.
Nov. 10, Mon. to Nov. 14, Fri.	EXAM	P&OT	Fall examination period for 3 <sup>rd</sup> year Physical and Occupational Therapy students.
Nov. 11, Tues.	REG	CE	Registration using Minerva for Winter courses and programs for returning Continuing Education <b>Special</b> Students.
Nov. 14, Fri. (tentative)	CONV	ALL	10:00 Fall Convocation - AM Ceremony 14:00 Fall Convocation - PM Ceremony
Nov. 15, Sat.	REG	NURS	Registration deadline for Winter NUR1 clinical courses to guarantee placement.
Nov. 15, Sat.	APP	DENT	Deadline for applications for Admission to Dentistry for all out-of-province and international students.
Nov. 15, Sat.	READ	—→	Deadline for application for readmission to the faculties of Arts, B.A. & Sc., Education, Science, the Desautels Faculty of Management and the Schulich School of Music for Winter term 2009.
Nov. 15, Sat.	APP	MED	Deadline for applications for admission to M.D.,C.M. for all international and out-of-province of Quebec students; deadline for M.D., M.B.A. and M.D., Ph.D. applications.
Nov. 17, Mon. to Dec. 19, Fri.	STAGE	P&OT	Clinical Affiliation for 3 <sup>rd</sup> year Physical and Occupational Therapy students.
Nov. 28, Fri.	REG	MBA	Winter term registration period for all new M.B.A. part-time students.
<b>December 2008</b>			
Dec. 1, Mon.	IFT	A&ES	Application deadline for Winter term 2009 inter-faculty transfers for the Faculty of Agricultural and Environmental Sciences.
Dec. 1, Mon.	APPGRAD	—→	Deadline to apply to graduate on Minerva for all Undergraduate students and Graduate students in all <b>non-thesis</b> programs (certificates, diplomas [excluding Continuing Education] or master's non-thesis) who expect to complete their program requirements at the end of the Fall 2008 term (February 2009 graduation).
Dec. 1, Mon.	NOTE	—→	Grades of K will convert to KF for Summer term 2008 for all faculties except Dentistry, Medicine and Graduate Studies.
Dec. 2, Tues.	INFO	—→	Last day for the Fall 2008 term for students to request fee exemptions and to submit legal documents for proof of Canadian citizenship and proof of Quebec residency to the Enrolment Services Office. Students in Medicine or Continuing Education should submit their documents directly to their Faculty Student Affairs office or the Centre for Continuing Education. Documents received after this date will be updated for the following term only.
Dec. 2, Tues.	LEC	—→	Last day of lectures for courses in Agricultural and Environmental Sciences, Arts, Continuing Education, Education (except for 1 <sup>st</sup> year students in Kind & Elem & Sec programs), Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy (1 <sup>st</sup> & 2 <sup>nd</sup> year), Religious Studies, Science and Social Work (B.S.W and M.S.W.).
Dec. 2, Tues.	NOTE	—→	The normal Tuesday schedule of course activities is cancelled for December 2, 2008. In its place, all lectures, labs, conferences and other course-related activities that are normally held on <b>Monday</b> will be held on <b>Tuesday, December 2, 2008</b> as well. This change in schedule is to make up for activities that were cancelled on Monday, October 13 due to Thanksgiving Day.
Dec. 2, Tues. to Jan. 5, Mon.	REG	—→	Winter term registration period for new students in Agricultural and Environmental Sciences, Arts, B.A. & Sc., Education, Engineering including Architecture, Graduate Studies, Management, Music, Nursing, Religious Studies, Science, and Social Work. Individual faculties and departments set their own dates within this period.
Dec. 2, Tues.	IDCARD	<b>NEW</b>	New students can obtain their ID cards at Enrolment Services, James Admin Building, Room 205. Starting on this date, office hours are Monday to Thursday 9:00 a.m. to 5:00 p.m. and Fridays 10:00 a.m. to 5:00 p.m.
Dec. 3, Wed.	INFO	—→	Study Day.
Dec. 4, Thurs. to Dec. 19, Fri.	EXAM	—→	Examination period for Fall term courses, and multi-term courses given by Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy (1 <sup>st</sup> and 2 <sup>nd</sup> year), Religious Studies, Science, and Social Work (B.S.W.).
Dec. 5, Fri.	STAGE	BSW/ MSW	Last day of B.S.W. and M.S.W. Field Practice.
Dec. 5, Fri.	LEC	DENT/ MED	Last day of Fall term for 2 <sup>nd</sup> year students in Dentistry and Medicine.
Dec. 9, Tues.	LEC	FMT	Last day of lectures for Fall term, Farm Management and Technology program.
Dec. 10, Wed.	EXAM	DENT/MED	Fall term examination for 2 <sup>nd</sup> year students in Dentistry and Medicine.

## CALENDAR OF DATES

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Dec. 10, Wed. to Dec. 18, Thurs.	EXAM	FMT	Fall term examination period for Farm Management and Technology program.
Dec. 12, Fri.	LEC	DENT	Last day of Fall term for 3 <sup>rd</sup> and 4 <sup>th</sup> year students in Dentistry.
Dec. 15, Mon.	APP	MUS	Deadline for applications for admission to the Schulich School of Music for all graduate programs.
Dec. 15, Mon.	<b>REG</b>	—→	Registration begins for Winter term Continuing Education courses via Minerva for all faculties except Dentistry, Law, Management (day programs), Medicine and Physical and Occupational Therapy.
Dec 15, Mon.	IFT	NURS	Deadline for applications for inter-faculty transfers into Bachelor of Science (Nursing) program for Winter term 2009.
Dec. 15, Mon.	NOTE	NURS	Last day for U1 Bachelor of Science (Nursing) students to register with the OIIQ for Immatriculation.
Dec. 15, Mon.	READ	A&ES	Deadline for application for readmission to Agricultural and Environmental Sciences for Winter term 2009.
Dec. 16, Tues.	LEC	DENT/ MED	Last day of Fall term for 1 <sup>st</sup> year students in Dentistry and Medicine.
Dec. 17, Wed.	EXAM	DENT/MED	Fall term examination for 1 <sup>st</sup> year students in Dentistry and Medicine.
Dec. 19, Fri.	STAGE	D & HN	Last day for NUTR 510, Professional Practice—Stage 4 (Dietetics).
Dec. 24, Wed.	NOTE	—→	Administrative offices will be open on Wednesday, December 24.
Dec. 25, Thurs. to Jan. 2, Fri.	HOLIDAY	—→	<b>CHRISTMAS AND NEW YEAR'S.</b> Administrative offices will be closed between December 25 and January 2 inclusive. Library hours available at Reference Desks.
Dec. 31, Wed.	<b>REG</b>	ALL	Deadline for cancellation of registration for the Winter term except Continuing Education. (Deposit is non-refundable for new students.)
Dec. 31, Wed.	APP	ALL	Deadline to request deferral of Winter term admission to McGill for all undergraduate faculties (excluding Medicine, Dentistry, Law and Music).
<b>January 2009</b>			
Jan. 1, Thurs.	HOLIDAY	—→	<b>NEW YEAR'S.</b> Administrative offices will be closed. Library hours available at Reference Desks.
Jan. 2, Fri.	NOTE	—→	Administrative offices will be closed on Friday, January 2 and will reopen on Monday, January 5.
Jan. 5, Mon.	ORIENT	ART/SCI	All newly-admitted Arts, B.A. & Sc., and Science students should attend the Faculty Orientation Session at 4:00 p.m. Refer to the "Welcome to McGill" booklet for location.
Jan. 5, Mon.	ADV	—→	Academic advising for new students in Arts, B.A. & Sc., Science, and Management. Please refer to the "Welcome to McGill" booklet for details.
Jan. 5, Mon.	ORIENT/ ADV	ENG	Orientation and academic advising for new students in Engineering. (See "Welcome to McGill" booklet and Website <a href="http://www.mcgill.ca/engineering/newstudents">www.mcgill.ca/engineering/newstudents</a> for details).
Jan. 5, Mon.	ADV	A&ES	Academic advising for new students in the Faculty of Agricultural and Environmental Sciences. (See "The Essential Guide for New Students" Booklet and Website <a href="http://www.mcgill.ca/macdonald">www.mcgill.ca/macdonald</a> for details).
Jan. 5, Mon.	ORIENT	NURS	Orientation for new students in Nursing. (See "Welcome to McGill" booklet and Website: <a href="http://www.mcgill.ca/nursing">www.mcgill.ca/nursing</a> for details).
Jan. 5, Mon.	<b>REG</b>	ALL	Deadline for new students to register for Winter term without a late registration fee for all faculties.
Jan. 5, Mon.	<b>REG</b>	CE	Deadline for students to register for Continuing Education courses without a late registration fee.
Jan. 5, Mon.	LEC	BSW	Lectures begin for B.S.W. students.
Jan. 5, Mon.	STAGE	MSW	Field Practice resumes for M.S.W. students.
Jan. 5, Mon.	ORIENT	NEW	University Orientation for new undergraduate students (5:00 p.m. to 6:00 p.m., in Moyses Hall).



DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Jan. 5, Mon.	LEC	→	Winter term lectures begin in Agricultural and Environmental Sciences (including Farm Management and Technology program), Arts, all credit courses and non-credit language courses at Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy (1 <sup>st</sup> and 2 <sup>nd</sup> year students), Religious Studies, Science, Dentistry (all programs) and Medicine students (1 <sup>st</sup> and 2 <sup>nd</sup> year students).
	NOTE	→	The normal Tuesday schedule of course activities will be cancelled for April 14, 2009. In its place, all lectures, labs, conferences and other course-related activities that are normally held on <b>Fridays</b> will be held on <b>Tuesday, April 14, 2009</b> as well. This change in schedule is to make up for activities that will be cancelled on Friday, April 10, 2009 due to the Easter holiday.
	NOTE	EDUC	Education students should consult the appropriate faculty advising material for details regarding Field Experiences courses. Please be aware that some placements end later than the last day of lectures in the Winter term.
Jan. 5, Mon. & Jan. 6, Tues.	AUD	MUS	Auditions for students wishing to take Music Ensemble courses.
Jan. 5, Mon. to Jan. 14, Wed.	ADV	ENG	Compulsory academic advising and course approval required for ALL returning Engineering students including Architecture. (First two weeks of classes).
Jan. 5, Mon. to Jan. 20, Tues.	ORIENT	NEW	First-Year Resource Room opens daily (9:00 a.m. to 5:00 p.m.) Brown Student Services Building, Room 2100, 3600 McTavish Street.
Jan. 5, Mon. to Feb. 6, Fri	STAGE	P&OT	Clinical Affiliation for 3 <sup>rd</sup> year Physical and Occupational Therapy students.
Jan. 5, Mon.	ORIENT	A&ES	Faculty Orientation for new undergraduate and graduate students in the Faculty of Agricultural and Environmental Sciences (5:30 p.m. to 7:00 p.m.) Ceilidh, Centennial Center.
Jan. 5, Mon.	LEC	CE	Lectures begin in non-credit General Studies courses at Continuing Education.
Jan. 6, Tues.	LEC	MSW	Lectures begin for M.S.W. students.
Jan. 6, Tues.	LEC	BSW	Field Practice resumes for B.S.W. students.
Jan. 6, Tues.	ORIENT	GRAD	University Orientation for new graduate students (5:00 p.m. to 6:00 p.m., Ballroom in Thomson House).
Jan. 6, Tues. to Jan. 8, Thurs.	PLEXAM	NEW	McGill Placement Examinations for newly-admitted students in basic science courses in biology, chemistry, physics and math, including MATH 122 and MATH 123 for newly-admitted Management students. See <a href="http://www.mcgill.ca/student-records/exam/placement">www.mcgill.ca/student-records/exam/placement</a> for more details.
Jan. 6, Tues. to Jan. 20, Tues.	REG	NEW	Late registration for new students with \$100 late registration fee for all faculties; \$40 for Special Students and Graduate part-time students. (\$25 late registration fee for Continuing Education students).
Jan. 8, Thurs.	ORIENT	POSTDOC	University Orientation for new postdoctoral scholars (5:00 p.m. to 6:00 p.m., Ballroom in Thomson House).
Jan. 9, Fri.	READ	NURS	Deadline for application for readmission to the School of Nursing for Winter term 2009.
Jan. 9, Fri.	REG	MUS	Music (practical lessons) deadline for dropping Winter term courses. (Submit course change form to Performance Department. No withdrawals from practical lessons after this date.)
Jan. 9, Fri.	REG	EDUC	Deadline to register for condensed (6-7 week) Education courses.
Jan. 12, Mon.	LEC	CE	Lectures begin in Special Intensive English and French at Continuing Education.
Jan. 12, Mon.	EXCH	MGMT	Deadline for students in the Desautels Faculty of Management to apply for faculty approval to participate in an exchange program during the 2009-2010 academic year.
Jan. 15, Thurs.	IFT	MUS	Music application deadline for Fall term 2009 inter-faculty transfers.
Jan. 15, Thurs.	DEF	→	Application deadline for deferred examinations for courses from the Fall term 2008 in Agricultural and Environmental Sciences, Arts (including School of Social Work), Continuing Education, Education, Engineering, Law, Management, Nursing, Physical and Occupational Therapy and Science.
Jan. 15, Thurs.	APP	ALL	Deadline for application for admission to Architecture, Arts, Concurrent B.A. & Sc., Education, Engineering, Management, Science, Nursing, Occupational Therapy, Physical Therapy or Social Work from applicants studying or who last studied in an overseas or US high school, college or university.
Jan. 15, Thurs.	APP	A&ES	Deadline for application for admission to Agricultural and Environmental Sciences from applicants studying or who last studied in an overseas or US high school, college or university.
Jan. 15, Thurs.	APP	MUS	Deadline for application for admission to the Schulich School of Music for all undergraduate applicants.

## CALENDAR OF DATES

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Jan. 15, Thurs.	APP	DENT	Deadline for application for Admission to Dentistry for all in-province applicants.
Jan. 15, Thurs.	APP	MED	Deadline for application to M.D.,C.M. 4-year program for Quebec applicants.
Jan. 15, Thurs.	APP	LAW	Deadline for Law applications for Advanced Standing Applicants.
Jan. 15, Thurs.	APP	PHD	Application deadline for Fall 2009 admission into the PhD program in Social Work.
Jan. 15, Thurs. to Jan. 31, Sat.	APP	—→	Deadline for McGill students to obtain approval from their faculty to participate in a student exchange in Fall 2009 and/or Winter 2010 term. Students must verify specific Faculty deadlines with their faculty Student Affairs Office.
Jan. 19, Mon.	EXCH	—→	Deadline for students to apply for faculty approval to participate in an exchange program during the 2009-2010 academic year. Please note that the Faculty of Law and the Desautels Faculty of Management have earlier deadlines.
Jan. 19, Mon.	EXCH	—→	Deadline for graduate students to apply for approval from the Graduate and Postgraduate Studies Office to participate in an exchange program during the 2009-2010 academic year.
Jan. 20, Tues.	REG	GRAD	Final Course Add/Drop deadline for Winter term courses and N1/N2 courses in Graduate Studies. After this date students receive a mark of "W" (withdrawn).
Jan. 20, Tues.	REG	ALL	Course Change (drop/add) deadline for Winter term courses and Continuing Education Winter term courses for Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Law, Management, Music (except practical lessons), Nursing, Physical and Occupational Therapy, Religious Studies, Science and Social Work. (No withdrawals from Music Ensembles after this date.)
	NOTE	—→	Last day to select the S/U grade mode on Winter term electives. Select the S/U option through Minerva or your faculty Student Affairs Office. Rules on the S/U option can be found at <a href="http://www.mcgill.ca/student-records/register/s-u-option">www.mcgill.ca/student-records/register/s-u-option</a> .
Jan. 20, Tues.	W	—→	Deadline for Web withdrawing (grade of "W") from multi-term courses that started in September 2008 ( <b>with fee refund for Winter term</b> ) for students in Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, Social Work, and Science (no withdrawals from Education Intensive).
Jan. 25, Sun.	W/W--	—→	Deadline to Web withdraw (grade of "W") or University Withdrawal (grade of "W--") from Winter term 2009 courses with full fee refund. <b>Returning students</b> - less \$100 minimum charge in the case of complete withdrawal for students not registered in the Fall. <b>New students</b> - less deposit or \$100 minimum charge in case of complete withdrawal. (No withdrawals from Ed. intensive courses, or music ensembles and practical lessons.)
Jan. 25, Sun.	W	CE	Deadline to Web withdraw (grade of "W") with fee refund from Continuing Education <i>credit</i> courses (\$20 fee).
Jan. 26, Mon.	APP	MGMT	Application deadline for Non-Management students applying to the Minor in Finance (authorized for students in the Faculties of Arts and Science), Minor in Management (authorized for students in the Faculties of Arts, Engineering, Science, Agricultural & Environmental Sciences, Music and Religious Studies), Minor in Marketing (authorized for students in the Faculties of Arts, Science and Music), Minor in Operations Management (authorized for students in the Faculties of Arts, Science and Agricultural and Environmental Sciences), and Technological Entrepreneurship (authorized for students in the Faculties of Engineering and Science). Applications can be obtained on the Web at <a href="http://www.mcgill.ca/bcom/minors/forms">www.mcgill.ca/bcom/minors/forms</a> . All applications must be submitted to the BCom Student Affairs Office.
Jan. 26, Mon. to Jan. 30, Fri.	VERIF	—→	Verification period via Minerva for all students in all faculties. It is especially critical that graduating students verify their records. Faculty of Law students pick up examination numbers during Verification from their Faculty Student Affairs Office.
Jan. 30, Fri.	ORIENT	D & HN	Orientation day on campus for NUTR 409.
<b>February 2009</b>			
Feb. 1, Sun.	APP	ALL	Deadline for application for admission to Architecture, Arts, B.A. & Sc., Education, Engineering, Management, Science, Nursing, Occupational Therapy, Physical Therapy or Social Work from applicants studying or who last studied in a Canadian high school.
Feb. 1, Sun.	APP	A&ES	Deadline for applications for admission to Agricultural and Environmental Sciences from applicants studying or who last studied in a Canadian high school.
Feb. 1, Sun.	APP	CE	Application deadline for Spring admission to Continuing Education Programs.
Feb. 1, Sun.	APP	MSW	Application deadline for Fall 2009 admission to the MSW program.
Feb. 2, Mon.	EXCH	—→	Deadline for McGill students to submit supporting documentation for a student exchange application for the Fall 2009 and/or Winter 2010 term to Student Exchanges and Study Abroad Office.



DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Feb. 2, Mon.	THES	GRAD	Deadline to submit doctoral theses with Nomination of Examiners forms to GPSO (Thesis Office) for students expecting to convocate in Spring 2009. Meeting this deadline does not guarantee a Spring graduation.
Feb. 2, Mon. to Feb. 8, Sun.	BREAK	D & HN	Study break for NUTR 409, Stage in Dietetics Level 3.
Feb. 5, Thurs.	EVENT	A&ES	Macdonald College Founder's Day. (Sir William C. Macdonald born Feb. 10, 1831; died June 9, 1917.) Classes cancelled 10:00 a.m. to 1:00 p.m.
Feb. 5, Thurs.	REG	ED	Registration for Summer Field Experience courses for B.Ed. students begins.
Feb. 9, Mon.	STAGE	D & HN	NUTR 409, Stage in Dietetics Level 3 begins. Site orientation or begin rotation.
Feb. 9, Mon.	LEC	P&OT	Winter term lectures begin for 3 <sup>rd</sup> year Physical and Occupational Therapy students.
Feb. 15, Sun.	W/W--	—→	Deadline for Web withdrawing ( <b>with no fee refund</b> ) (grade of "W") or University Withdrawal (grade of "W- -") from Winter 2009 and Winter term 2009 Cont. Ed courses for Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, Social Work, and Science (no withdrawals from ensembles or practical lessons in Music).
Feb. 16, Mon.	THES	GRAD	Deadline to submit Master's theses with Nomination of Examiners forms to GPSO (Thesis Office) for students expecting to convocate in Spring 2009. Meeting this deadline does not guarantee a Spring graduation.
Feb. 21, Sat. to Mar. 1, Sun.	AUD	MUS	Entrance Auditions for all undergraduate and M. Mus. (Performance) and D. Mus. (Performance) applicants.
Feb. 22, Sun. to Feb. 28, Sat.	BREAK	—→	<b>STUDY BREAK.</b> (Classes cancelled for all faculties except Dentistry, Medicine, Continuing Education non-credit courses and English & French credit courses, Stage in Dietetics Level 3).
	NOTE	EDUC	Student Teaching is not interrupted for Education students.
Feb. 23, Mon. to Feb. 28, Sat.	STAGE	FMT	Farm Practice/Stage for Farm Management and Technology Program years 1 and 2.
<b>March 2009</b>			
Mar. 1, Sun.	APP	ALL	Deadline for applications for all applicants studying, or who last studied, in a CEGEP in Quebec (except applicants to Music).
Mar. 1, Sun.	APP	GRAD	Deadline for applications for September admission to most departments for Graduate Studies. (Many departments have earlier deadlines. Please verify this date with the individual department or on the Web at <a href="http://www.mcgill.ca/applying/graduate">www.mcgill.ca/applying/graduate</a> .)
Mar. 1, Sun.	APP	MED	Deadline for application to Med-P program for Quebec residents.
Mar. 1, Sun.	APP	DENT	Deadline for application for admission to Dentistry for all CEGEP applicants (Dental Prep).
Mar. 1, Sun.	APP	REL	Application deadline for Summer admission to Faculty of Religious Studies, BTh Program.
Mar. 1, Sun.	READ	MUS	Deadline for application for readmission to the Schulich School of Music for Fall term 2009.
Mar. 1, Sun.	SUPP	—→	Application deadline for supplemental examinations in Fall term courses and N1/N2 courses from the Fall term 2008 for Arts, Education, Law, Nursing, Religious Studies, Social Work, and Science (not available for Agricultural and Environmental Sciences, Engineering or Management courses).
Mar. 2, Mon.	APP	LAW	Deadline for applications for admission to Law for students applying from a Quebec CEGEP, from French Baccalaureate Programmes and for Law Visiting Applicants.
Mar. 9, Mon.	ADV	ART/SCI	Departmental academic advising begins for returning students in Arts, B.A. & Sc., and Science.
Mar. 9, Mon.	ADV	A&ES	Academic advising begins for all returning undergraduate and Farm Management and Technology students in the Faculty of Agricultural and Environmental Sciences.
Mar. 9, Mon. to Mar. 13, Fri.	ADV	MGMT	Distribution of all registration information for returning Management students.
Mar. 9, Mon. to Mar. 19, Thurs.	ADV	EDUC	Academic advising and distribution of material for returning students in Education. Please consult the Student Affairs Website at <a href="http://www.mcgill.ca/edu-sao">www.mcgill.ca/edu-sao</a> for details.
Mar. 10, Tues. to Mar. 12, Thurs.	ADV	MUS	Distribution of registration information for returning students in the lobby of the Strathcona Music Building.
TBA	ADV	P&OT	Registration counselling in Physical and Occupational Therapy for returning students.
TBA	ADV	NURS	Academic advising for U2 Bachelor of Science (Nursing) students entering U3. Academic advising for BNUR-INT students entering their second year.

## CALENDAR OF DATES

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
Mar. 13, Fri.	EXAM	A&ES	Deadline to report all exam conflicts to the Student Affairs Office (Laird Hall, Room 106) for Winter term exams.
Mar. 15, Sun.	REG	NURS	Registration deadline for Summer NUR1 clinical courses to guarantee placement.
Mar. 16, Mon. to Apr. 9, Thurs.	ADV	MUS	Academic advising for returning students in Music. Appointments to be arranged by individual departments.
Mar. 19, Thurs. to Apr. 14, Tues.	INFO	—→	Online course evaluation period for Winter term: Evaluations available for completion on Mercury through Minerva.
Mar. 27, Fri.	LEC	DENT	Last day of lectures for Winter term for 4 <sup>th</sup> year Dentistry students.
Mar. 30, Mon. to Apr. 17, Fri.	EXAM	DENT	Examination period for 4 <sup>th</sup> year Dentistry students.
<b>April 2009</b>			
Apr. 10, Fri. to Apr. 13, Mon.	HOLIDAY	—→	<b>EASTER.</b> No classes or exams. Administrative offices closed. Library hours to be announced.
Apr. 10, Fri.	STAGE	BSW/MSW	Last day of Field Practice for B.S.W. students & for M.S.W students.
Apr. 14, Tues.	INFO	—→	Last day for the Winter 2009 term for students to request fee exemptions and to submit legal documents for proof of Canadian citizenship and proof of Quebec residency to the Enrolment Services Office. Students in Medicine or Continuing Education should submit their documents directly to their Faculty Student Affairs office or the Centre for Continuing Education. Documents received after this date will be updated for the following term only.
Apr. 14, Tues.	LEC	—→	Last day of lectures for Winter term in Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, Social Work (B.S.W./M.S.W.), and Science.
Apr. 14, Tues.	NOTE	—→	The normal Tuesday schedule of course activities is cancelled for April 14, 2009. In its place, all lectures, labs, conferences and other course-related activities that are normally held on <b>Fridays</b> will be held on <b>Tuesday, April 14, 2009</b> as well. This change in schedule is to make up for activities that were cancelled on Friday, April 10, 2009 due to the Easter holiday.
Apr. 15, Wed. to Apr. 30, Thurs.	EXAM	—→	Examination period for Winter term and multi-term courses given by Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, Science, and Social Work. <i>Exams begin earlier for Dentistry students. Contact Faculty for specific dates.</i>
Apr. 17, Fri.	STAGE	D & HN	Last day for NUTR 409, Stage in Dietetics Level 3.
Apr. 20, Mon.	STAGE	ED	1 <sup>st</sup> & 2 <sup>nd</sup> Field Experiences begin for most B.Ed.programs. Refer to <a href="http://www.mcgill.ca/ost">www.mcgill.ca/ost</a> for details.
Apr. 21, Tues.	LEC	FMT	Last day of lectures in the Farm Management and Technology program.
Apr. 22, Wed. to Apr. 30, Thurs.	EXAM	FMT	Winter term examination period for Farm Management and Technology program.
Apr. 30, Thurs.	REG	MUS	Deadline for returning students to submit practical lesson assignment card without a late fee.
<b>May 2009</b>			
May 1, Fri.	IFT	ARCH	Deadline for inter/intra-faculty transfer application to the School of Architecture for the Fall term 2009.
May 1, Fri.	IFT	BSW	Deadline for inter-faculty transfer application to the BSW Program for the Fall term 2009.
May 1, Fri.	APP	—→	Deadline for application for admission to Architecture, Arts, B.A. & Sc., Education, Engineering, Management, Science, Nursing, Occupational Therapy, Physical Therapy or Social Work from Canadian citizens or permanent residents studying or who last studied in a Canadian university.
May 1, Fri.	APP	—→	Deadline for Mature student application for admission to Architecture, Arts B.A. & Sc., Education, Engineering, Management, Science, Nursing, Occupational Therapy, Physical Therapy or Social Work (Canadian citizens and permanent residents only).
May 1, Fri.	APP	—→	Deadline for Special and Visiting Student application for admission to Architecture, Arts, Education, Engineering, Management, Science, Nursing, Occupational Therapy, Physical Therapy or Social Work from applicants (Canadians who last studied at college or university outside Canada and non-Canadians who last studied at college or university inside or outside Canada).
May 1, Fri.	APP	—→	Deadline for application for admission to evening Part-time B.Com. Program.
May 1, Fri.	APP	LAW	Deadline for Law Transfer and Quebec Bar applicants.
May 1, Fri.	APP	REL	Application deadline for Fall admission of international students to Faculty of Religious Studies, BTh Program.

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
May 1, Fri.	EXCH	—→	Deadline for incoming undergraduate exchange applications from bilateral partners with a Fall term (September) start. Please note that the Schulich School of Music has an earlier deadline.
May 1, Fri.	EXCH	LAW	Deadline for incoming undergraduate exchange applications to the Faculty of Law from bilateral partners with a Fall term (September) and Winter term (January) start.
May 1, Fri.	EXCH	—→	Deadline for incoming undergraduate exchange applications under the CREPUQ student exchange program with a Fall term (September) start and Winter term (January) start. Please note that the Schulich School of Music has an earlier deadline.
May 1, Fri.	LEC/STAGE	NURS	Classes reconvene and clinical courses commence for U1, U2, and U3 Nursing students.
May 1, Fri. & May 4, Mon.	EXAMS	—→	Deferred and supplemental examinations for Fall term courses in Arts, Education, Nursing, Physical and Occupational Therapy, Religious Studies, Science, Social Work and Engineering.
May 4, Mon. & May 5, Tues.	DEF	A&ES	Deferred examination in the Faculty of Agricultural and Environmental Sciences for courses ending in the Fall term.
May 4, Mon.	STAGE	D & HN	Orientation for NUTR 311, Stage in Dietetics 2B; placements begin on Tuesday, May 5.
May 11, Mon.	NOTE	—→	Grades of K will convert to KF for Fall term 2008 for all faculties except Dentistry, Medicine and Graduate Studies.
May 15, Fri.	DEF	—→	Application deadline for deferred examinations for Winter term and multi-term courses ending in the Winter term 2009 in Agricultural and Environmental Sciences, Arts (including School of Social Work), Continuing Education, Education, Engineering, Law, Management and Science.
May 15, Fri.	W	—→	Deadline for Web withdrawing (grade of "W") from multi-term courses (D1/D2, N1/N2) that started in the Winter term 2009 and end in the Summer term 2009 or in the Fall term 2009 ( <b>with fee refund for Summer term 2009</b> ) for students in Agricultural and Environmental Sciences, Arts, Continuing Education, Education, Engineering including Architecture, Graduate Studies, Law, Management, Music, Nursing, Physical and Occupational Therapy, Religious Studies, Social Work, and Science (no withdrawals from Education Intensive).
May 15, Fri.	W--	GRAD	Deadline for newly-admitted students beginning their graduate thesis program in a Summer Term of Residence to withdraw from the University, with fee refund (less deposit or \$100 minimum charge).
May 18, Mon.	HOLIDAY	—→	<b>VICTORIA DAY.</b> (Classes cancelled). Administrative offices closed.
<b>June 2009</b>			
TBA	CONV	—→	Spring 2009 Convocation
June 1, Mon. to Sept. 2, Wed.	ADV	ART/SCI	On-line academic advising for students newly-admitted to the U0 four-year program (97-120 credits). Refer to the "Welcome to McGill" booklet and the Student Affairs Office Website ( <a href="http://www.mcgill.ca/artscisao">www.mcgill.ca/artscisao</a> ) for details. Departmental academic advising for all other newly-admitted Arts, B.A. & Sc., and Science students. Refer to the "Welcome to McGill" booklet, the Student Affairs Office Website ( <a href="http://www.mcgill.ca/artscisao">www.mcgill.ca/artscisao</a> ) and departmental Websites for information about advising dates.
June 1, Mon.	APP	CE	Application deadline for Fall admission to Continuing Education Programs.
June 1, Mon.	IFT	P&OT	Physical and Occupational Therapy application deadline for Fall term, 2009 inter-faculty transfers.
June 1, Mon.	IFT	—→	Agricultural and Environmental Sciences, Arts, B.A. & Sc., Education, Engineering (except Architecture), Management and Science application deadline for Fall term 2009 inter-faculty transfers. This deadline also applies to Continuing Education students wishing to transfer into Management.
June 1, Mon.	PREXAM	MUS	Application deadline for September practical examinations in Music. (Summer graduands only.)
June 1, Mon.	READ	ENG	Deadline for readmission to the Faculty of Engineering (including Architecture) for Fall term 2009.
June 5, Fri.	LEC/EXAM/STAGE	NURS	Last day of lectures, Clinical Placement (including examinations) for U2 and U3 Bachelor of Science (Nursing) students.
June 12, Fri.	LEC/EXAM/STAGE	NURS	Last day of lectures, Clinical Placement (including examinations) for U1 Bachelor of Science (Nursing) students.
June 12, Fri.	STAGE	NURS	Last day of clinical for Bachelor of Nursing Integrated Program students in NUR1 331.
June 15, Mon.	IFT	REL	Deadline for inter-faculty transfer application to the Faculty of Religious Studies for the Fall term 2009.
June 15, Mon.	READ	MGMT	Deadline for readmission to the Desautels Faculty of Management for the Fall term 2009.

**CALENDAR OF DATES**

DATE	ACTIVITY CODE	FACULTY/SCHOOL	ACTIVITY
June 15, Mon.	READ	REL	Deadline for readmission to the Faculty of Religious Studies for the Fall term 2009.
June 15, Mon.	APP	REL	Deadline for application for Fall admission to Faculty of Religious Studies, BTh Program.
June 15, Mon.	<b>REG</b>	NURS	Registration deadline for Fall NUR1 clinical courses to guarantee placement.
June 19, Fri.	STAGE	D & HN	Last day for NUTR 311, Stage in Dietetics 2B.
June 19, Fri.	LEC	DENT	Last day of lectures for 2 <sup>nd</sup> year Dentistry students.
June 19, Fri.	LEC	MED	Last day of lectures for 2 <sup>nd</sup> year Medicine students.
June 24, Wed.	HOLIDAY	—→	<b>LA FÊTE NATIONALE DU QUÉBEC.</b> (Classes cancelled). Administrative offices closed. Libraries closed.
TBA	ADV	NURS	Academic advising for new students in Bachelor of Nursing Integrated Program. N.B. same day as the FYO introduction to Minerva (CSI Session)
June 25, Thurs.	LEC/EXAM	DENT/MED	Last day of lectures (including examinations) for 1 <sup>st</sup> & 3 <sup>rd</sup> year Dentistry students and 1 <sup>st</sup> year Medicine students.
June 29, Mon.	STAGE	D & HN	Placements begin for NUTR 209, Professional Practice Stage 1B (Dietetics).
<b>July 2009</b>			
July 1, Wed.	HOLIDAY	—→	<b>CANADA DAY.</b> (Classes cancelled). Administrative offices closed. Libraries closed.
July 1, Wed.	APP	—→	Deadline for Special and Visiting Student application for admission to Architecture, Arts, Education, Engineering, Management, Science, Nursing, Occupational Therapy, Physical Therapy or Social Work from applicants (Canadians) who last studied at college or university inside Canada.
July 2, Thurs.	LEC/EXAM	DENT	Last day of lectures (including examinations) for 2 <sup>nd</sup> year Dentistry students.
July 15, Wed.	SUPP	—→	Application deadline for supplemental examinations for courses ending in Winter term 2009 (including multi-term courses ending in Winter term) for Arts, Education, Law, Nursing (including courses ending in the Summer Term), Religious Studies, Science, and Social Work (supplemental exams not available for Agricultural and Environmental Sciences, Engineering or Management courses).
July 15, Wed.	READ	—→	Deadline for application for readmission to the faculties of Arts and of Science for Fall term 2009.
July 20, Mon.	LEC	MED	Lectures begin for 3 <sup>rd</sup> year Medicine students (PHP-D).
July 24, Fri.	STAGE	D & HN	Last day for NUTR 209, Professional Practice Stage 1B (Dietetics).
<b>August 2009</b>			
Aug. 1, Sat.	READ	EDUC	Deadline for readmission to the Faculty of Education for Fall term 2009.
Aug. 10, Mon. to Aug. 20, Thurs.	EXAMS	LAW	Deferred and supplemental examinations in Law.
Aug. 15, Sat.	INFO	—→	Last day for students to request fee exemptions and to submit legal documents for proof of Canadian citizenship and proof of Quebec residency to the Enrolment Services Office for the Summer 2009 term. Students in Medicine or Continuing Education should submit their documents directly to their Faculty Student Affairs office or the Centre for Continuing Education. Documents received after this date will be updated for the following term only.
Aug. 15, Sat.	IFT	NURS	Deadline for applications for inter-faculty transfers into Bachelor of Science (Nursing).
Aug. 15, Sat.	READ	NURS	Deadline for application for readmission to the School of Nursing for Fall term 2009.
Aug. 15, Sat.	READ	A&ES	Deadline for application for readmission to Agricultural & Environmental Sciences for Fall term 2009.
Aug. 18, Tues. & Aug. 19, Wed.	EXAMS	A&ES	Deferred examinations in the Faculty of Agricultural and Environmental Sciences for Winter 2009 courses.
Aug. 19, Wed. & Aug. 20, Thurs.	EXAMS	—→	Deferred and supplemental examinations for courses ending in Winter term 2009 (including multi-term courses ending in the Winter term) for Arts, Education, Nursing (including courses ending in the Summer term), Physical and Occupational Therapy, Religious Studies, Science, Social Work and Engineering.

## 2 The University

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### 2.1 History

The Hon. James McGill, a leading merchant and prominent citizen of Montreal, who died in 1813, bequeathed an estate of 46 acres called Burnside Place together with £10,000 to the "Royal Institution for the Advancement of Learning" upon condition that the latter erect "upon the said tract or parcel of land, an University or College, for the purpose of education and the advancement of learning in this Province"; and further upon condition that "one of the Colleges to be comprised in the said University shall be named and perpetually be known and distinguished by the appellation of 'McGill College'".

At the time of James McGill's death, the Royal Institution, although authorized by law in 1801, had not been created, but was duly instituted in 1819. In 1821 it obtained a Royal Charter for a university to be called McGill College. Further delay was occasioned by litigation, and the Burnside estate was not acquired until March 1829. The Montreal Medical Institution, which had begun medical lectures at the Montreal General Hospital in 1822, was accepted by the College as its Faculty of Medicine in June 1829. After further litigation, the College received the financial endowment in 1835 and the Arts Building and Dawson Hall were erected. The Faculty of Arts opened its doors in 1843.

Progress, however, was slow until the 1821 Charter was amended in 1852 to constitute the members of the Royal Institution as the Governors of McGill College. Since that time the two bodies have been one. It was first called "The University of McGill College" but in 1885 the Governors adopted the name "McGill University." Even after the amended charter was granted, little advance was made until 1855 when William Dawson was appointed Principal. When he retired 38 years later, McGill had over 1,000 students and Molson Hall (at the west end of the Arts Building), the Redpath Museum, the Redpath Library, the Macdonald Buildings for Engineering and Physics, and a fine suite of medical buildings had been erected.

Since then the University has continued to grow vigorously. In 1884 the first women students were admitted and in 1899 the Royal Victoria College was opened, a gift of Lord Strathcona, to provide separate teaching and residential facilities for women students. Gradually, however, classes for men and women were merged.

In 1905 Sir William Macdonald established Macdonald College at Sainte-Anne-de-Bellevue, as a residential college for Agriculture, Household Science, and the School for Teachers. Those components have since become the Faculty of Agricultural and Environmental Sciences, which includes the School of Dietetics and Human Nutrition, on the Macdonald Campus, and the Faculty of Education, located on the downtown campus. The University's general development has been greatly facilitated by the generosity of many benefactors, and particularly by the support of its graduates, as regular public funding for general and capital expenditures did not become available until the early 1950s. Since that time government grants have become a major factor in the University's financial operations, but it still relies on private

support and private donors in its pursuit of excellence in teaching and research.

The University now comprises 11 faculties and 10 schools. At present over 32,000 students are taking credit courses; one in four is registered in Graduate Studies.

The University is also active in providing courses and programs to the community through the Centre for Continuing Education.

### 2.2 Incorporated and Affiliated Colleges

#### INCORPORATED COLLEGE

##### Royal Victoria College

3425 University Street, Montreal, QC H3A 2A8

The Royal Victoria College, a non-teaching college of McGill University, provides residential accommodation for women students.

#### AFFILIATED THEOLOGICAL COLLEGES

##### Montreal Diocesan Theological College

3473 University Street, Montreal, QC H3A 2A8

Principal: J. M. Simons; B.A.(Bishop's), S.T.B.  
(Trinity, Toronto), Ph.D.(Georgetown)

##### Presbyterian College of Montreal

3495 University Street, Montreal, QC H3A 2A8

Principal: J. Vissers; B.A.(Tor.), M.Div.(Knox, Toronto),  
Th.M.(Princeton), Th.D.(Knox, Toronto)

##### United Theological College of Montreal

3521 University Street, Montreal, QC H3A 2A9

Principal: P. Joudrey; B.A., M.Div.(Acadia),  
D.Min.(Andover Newton)

The above three colleges train students for the ministry and grant certificates for ordination but they have remitted their degree-granting powers, except with respect to the M.Div. and honorary doctorates, to the University.

### 2.3 University Government

McGill University is a corporation created by a Royal Charter granted by the Crown of the United Kingdom, a general supervisory power being retained by the Crown and exercised through the Governor General as Visitor.

The Governors of the University constitute the Royal Institution for the Advancement of Learning, a corporation existing under the laws of the Province of Quebec. In them is vested the management of finances, the appointment of professors, and other duties. Twelve of the governors are elected by the Board from amongst those nominated by its membership committee; three are elected by the Alumni Association; two are elected by Senate from amongst its members; two elected by the full-time administrative and support staff from amongst its members; two elected by the full-time academic staff; and four elected by students from amongst the student body. The Board elects the Chancellor of the University and also, from amongst its members, a chair to preside at its meetings, who may also be the Chancellor. The Chancellor, the Principal, and the President of the McGill Students' Society are ex officio members.

The Chancellor is presiding officer of Convocation and of joint sessions of the Board of Governors and the Senate.

The Chair of the Board of Governors is President of the Royal Institution for the Advancement of Learning.

The Principal and Vice-Chancellor is the academic head and chief administrative officer of the University, appointed by the Board of Governors after consultation with a Statutory Committee to Nominate a Principal. The Principal is, ex officio, Chair of Senate.

The Senate is the highest academic authority of the University and has control over admission, courses of study, discipline, and degrees. The regulations of Senate are executed

by the various faculties and schools, which also carry primary responsibility for the educational work of the University.

## 2.4 Recognition of Degrees

The Royal Institution for the Advancement of Learning (McGill University) is a publicly funded institution and holds a Royal Charter dated 1821 (amended in 1852) as well as being incorporated under the laws of the Province of Quebec.

McGill University was a founding member of the organization which evolved into the current Association of Universities and Colleges of Canada (A.U.C.C.) in which it remains very active. In addition, McGill University is a member of the American Association of Universities (A.A.U.). It is also a member of the Association of Commonwealth Universities and the International Association of Universities. Its undergraduate, professional and graduate degrees, including doctorates in a full range of disciplines, have been recognized by educational, government and private organizations worldwide for decades.

All of McGill's degree programs are approved by the Quebec Ministère de l'Éducation, du Loisir et du Sport (MELS) and the Conférence des recteurs et des principaux des universités du Québec (CREPUQ).

## 2.5 Governance

### 2.5.1 Visitor

#### The Governor General of Canada

Her Excellency The Right Honourable Michaëlle Jean

### 2.5.2 Board of Governors

(As of January 2008)

Robert Rabinovitch; B.Com.(McG.), M.A., Ph.D.(Penn.) **Chair**

Richard W. Pound; O.C., O.Q., Q.C., C.A., B.Com.(McG.), B.A.(Sir G.Wms.), B.C.L.(McG.) **Chancellor**

Heather Munroe-Blum; O.C., B.A., B.S.W.(McM.), M.S.W. (W. Laur.), Ph.D.(N. Carolina) **Principal and Vice-Chancellor**

#### Members

Roshi Chadha

Stuart (Kip) Cobbett; B.A., B.C.L.(McG.)

Lili de Grandpré; B.A.(Western), M.B.A.(McG.)

Darren Entwistle; B.Econ.(C'dia), M.B.A.(McG.)

Morna Flood Consedine; B.A.(C'dia), M.Ed., D.Ed.(McG.)

Trevor Garland; B.Sc.(McG.)

Kohur GowriSankaran; B.A., M.A.(Madr.), Ph.D.(Bombay)

Daniel Guitton; Dipl. IVK(U. Libre de Brux.), B.Eng., M.Eng., Ph.D.Eng., Ph.D.Physiol.(McG.)

Eric Maldoff; B.A., B.C.L., LL.B.(McG.)

Michael Meighen; B.A.(McG.)

Jan Peeters; B.Eng.(McG.)

Gary Pekeles; B.Sc.(McG.), M.Sc.(McG.), MDCM(Baylor)

Jeremy Reitman; A.B.(Dart.), B.C.L.(McG.)

Nigel Roulet; B.Sc., M.Sc.(Trent), Ph.D.(McM.)

Maria Ruocco

Michael Richards; B.A., B.C.L.(McG.)

Gerald Sheff; B.Arch.(McG.), M.B.A.(Harv.)

Thierry Vandal; B.Eng., M.B.A.(Montr.)

#### Student Representatives

Students' Society of McGill (1)

Post-Graduate Students' Society of McGill (1)

*Observers*

McGill Association of Continuing Education Students (1)

Macdonald Campus Students' Society (1)

### 2.5.3 Members of Senate

#### *Ex-officio*

The Chancellor

The Chair of the Board of Governors

The Principal and Vice-Chancellor

The Provost, Deputy Provost, and the vice-principals

The deans of faculties

The Dean of Continuing Education

The Dean of Graduate and Postdoctoral Studies

The Dean of Students

The Director of Libraries

#### **Elected Members**

63 members elected by the faculties, the University Libraries, the Board of Governors, and administrative and support staff.

Medical Residents or Postdoctoral Scholars Group (1)

Student Members (19)

## 2.6 Administration

Heather Munroe-Blum; O.C., B.A., B.S.W.(McM.), M.S.W. (W. Laur.), Ph.D.(N. Carolina)

**Principal and Vice-Chancellor**

Anthony C. Masi; A.B.(Colgate), Ph.D.(Brown) **Provost**

Morton J. Mendelson; B.Sc.(McG.), Ph.D.(Harv.) **Deputy Provost (Student Life and Learning)**

Jane Everett; M.A.(Car.), Ph.D.(McG.) **Dean of Students**

Kathleen Massey; B.A.(York) **University Registrar and Executive Director of Enrolment Services**

Jana Luker; B.A.(Guelph), B.Ed., M.Ed.(Tor.) **Executive Director of Services for Students**

William F. Foster; LL.B.(Auck.), LL.M. (Br.Col.) **Associate Provost (Policies and Procedures)**

Martin Kreiswirth; B.A.(Hamilton), M.A.(Chic.), Ph.D.(Tor.) **Associate Provost (Graduate Education) and Dean (Graduate and Postdoctoral Studies)**

TBA **Associate Provost (Planning and Budgets)**

Chandra Madramootoo; B.Sc., M.Sc., Ph.D.(McG.) **Associate Vice-Principal (Macdonald Campus) and Dean (Faculty of Agricultural and Environmental Sciences)**

Sylvia Franke; LL.B., B.Sc.(Tor.) **Chief Information Officer**

Johanne Pelletier; B.A., M.A.(McG.) **Secretary-General**

François R. Roy; B.A., M.B.A.(Tor.) **Vice-Principal (Administration and Finance)**

Lynne B. Gervais; B.A.(C'dia), Dip.Management(McG.) **Associate Vice-Principal (Human Resources)**

Jim Nicell; B.A.Sc., M.A.Sc., Ph.D.(Windsor), P.Eng. **Associate Vice-Principal (University Services)**

Marc Weinstein; B.A., B.C.L., LL.B.(McG.) **Vice-Principal (Development and Alumni Relations)**

TBA **Vice-Principal (Public Affairs)**

Richard I. Levin; B.S.(Yale), M.D.(NYU) **Vice-Principal (Health Affairs) and Dean (Faculty of Medicine)**

Denis Thérien; B.Sc.(Montr.), M.Sc., Ph.D.(Wat.) **Vice-Principal (Research and International Relations)**

Mourad El-Gamal; B.Sc.(Ain Shams), M.Sc.(Vanderbilt), Ph.D.(McG.) **Associate Vice-Principal (Research and International Relations)**

Rima Rozen; B.Sc., Ph.D.(McG.)  
**Associate Vice-Principal (Research and International Relations)**

### 2.6.1 Deans, Directors of Schools and Libraries

#### Deans

Chandra Madramootoo; B.Sc., M.Sc., Ph.D.(McG.)  
**Agricultural and Environmental Sciences**

Christopher Manfredi; B.A., M.A.(Calg.), M.A., Ph.D.(Claremont)  
**Arts**

Judith Potter; B.Sc.(Tor.), M.Ad.Ed.(St. FX), Ed.D.(Tor.)  
**Continuing Education**

Paul J. Allison; B.D.S.(Lond.), F.D.S.R.C.S.(Eng), M.Sc.(Lond.), Ph.D.(McG.)  
**Dentistry**

Hélène Perrault; B.Sc.(C'dia), M.Sc., Ph.D.(Montr.) (*effective August 2008*)  
**Education**

Christophe Pierre; M.Sc.(Prin.), Ph.D. (Duke)  
**Engineering**

Martin Kreiswirth; B.A. (Hamilton), M.A. (Chic.), Ph.D. (Tor.)  
**Graduate and Postdoctoral Studies**

Nicholas Kasirer; B.A.(Tor.), B.C.L., LL.B.(McG.), D.E.A.(Paris)  
**Law**

Peter Todd; B.Com.(McG.), Ph.D.(Br.Col.)  
**Management**

Richard I. Levin; B.Sc.(Yale); M.D.(NYU)  
**Medicine**

Donald McLean; Mus.Bac., M.A., Ph.D.(Tor.)  
**Music**

Ellen Aitken; Th.D.(Harv.), M.Div.(U.of South); A.B.(Harv.)  
**Religious Studies**

Martin Grant; B.Sc.(PEI), M.Sc., Ph.D.(Tor.)  
**Science**

Jane Everett; M.A.(Car.), Ph.D.(McG.)  
**Dean of Students**

#### Directors of Schools and Libraries

Michael Jemtrud; B.Sc., B.Arch., B.A.(Penn. St.), M.Arch.(McG.)  
**Architecture**

Shari R. Baum; B.A.(C'nell), M.S.(Vt.), M.A., Ph.D.(Brown)  
**Communication Sciences and Disorders**

Sue Whitesides; M.Sc.(Stan.), Ph.D.(Wis.)  
**Computer Science**

Kristine G. Koski; B.Sc., M.Sc.(Wash.), Ph.D.(Calif.)  
**Dietetics and Human Nutrition**

Nigel Roulet; B.Sc., M.Sc.(Trent), Ph.D.(McM.)  
**Environment**

France Bouthillier; B.Ed.(Que.), M.S.Bl.(Montr.), Ph.D.(Tor.)  
**Library and Information Studies**

Hélène Ezer; B.Sc., M.Sc.(McG.), Ph.D.(Montr.)  
**Nursing**

Maureen J. Simmonds; Dip. P.T.(Wolverhampton), B.Sc.(P.T.), M.Sc.(P.T.), Ph.D.(Alta.)  
**Physical and Occupational Therapy**

Wendy Thomson; B.S.W., M.S.W.(McG.), Ph.D.(Brist.)  
**Social Work**

David Brown; B.A.(Bishop's), M.U.P.(McG.), Ph.D.(Sheffield)  
**Urban Planning**

Janine Schmidt; B.A.(Qld.), M.Lib.(N.S.W.)  
**Libraries**

## 2.7 Student Governance

All students registered in an undergraduate program on the downtown (McGill) campus are registered members of the accredited Student Society McGill University, affectionately known as SSMU (Sm OOO). Your student society acts as your representation on key issues inside and outside of the campus. There are 6 elected members of the society who represent all 18,000 plus students on the downtown campus. There is a legislative council which meets twice a month that is comprised of a councillor from all faculty associations. This council of 35 members meets to discuss Students' Society of McGill University business.

Each faculty and each department also have organizations dedicated to providing extra curricular involvement for their students.

The Student Society runs over 150 clubs and 14 services and provides a great deal of extra curricular opportunities for students to balance a life of study with a life of play and also an opportunity to meet other students.

Situated on the downtown campus the Students society operates a five floor building including an international lounge, cafeteria, reading room, club office space and a campus multipurpose venue.

The Students' Society of McGill University offices are located at 3600 McTavish Street suite 1200 and operate between the hours of 9-5 during the year and operate from 10-4 in the summer.

For more information regarding student government at McGill you can contact:

President [President@ssmu.mcgill.ca](mailto:President@ssmu.mcgill.ca)

Vice President Communications and Events: [CE@ssmu.mcgill.ca](mailto:CE@ssmu.mcgill.ca)

Vice President Clubs and Services: [CS@ssmu.mcgill.ca](mailto:CS@ssmu.mcgill.ca)

Vice President Finance and Operations: [Operations@ssmu.mcgill.ca](mailto:Operations@ssmu.mcgill.ca)

Vice President University Affairs: [UA@ssmu.mcgill.ca](mailto:UA@ssmu.mcgill.ca)

Vice President External Affairs: [external@ssmu.mcgill.ca](mailto:external@ssmu.mcgill.ca)

Or Visit the Website at [www.ssmu.ca](http://www.ssmu.ca).

Welcome to McGill and we look forward to representing your interests.





### 3 General University Information and Regulations

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## 3.1 General Policies and Information

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### 3.1.1 Admission

Admission requirements and applications procedures are outlined in the individual faculty and school sections.

### 3.1.2 Authorization, Acknowledgement and Consent

When applying for admission to the University, all students acknowledge that they are bound by and undertake to observe the statutes, rules, regulations, and policies in place from time to time at McGill University and the faculty or faculties in which they are registered, including those policies contained in the University Calendars and related fee documents. Their obligation as a student commences with their registration and terminates in accordance with the University's statutes, regulations, and policies.

Students should verify any information or statement provided as part of their application, realizing that an admission granted based on information in their application or supporting documents that is incorrect or untrue may be revoked at the sole discretion of the University.

### 3.1.3 Student Rights and Responsibilities

The *Handbook on Student Rights and Responsibilities* is published jointly by the Office of the Dean of Students and the University Secretariat. A compendium of regulations and policies governing student rights and responsibilities at McGill, it is distributed to new students at the Dean of Students' Orientation Sessions on both downtown and Macdonald campuses.

The Handbook is also available on the Web at [www.mcgill.ca/deanofstudents/rights](http://www.mcgill.ca/deanofstudents/rights).

### 3.1.4 Policy Concerning Access to Records

Statements of account and all other correspondence are sent directly to students who retain full control as to who has access to their records or accounts. (Officers and members of the University staff may also have access to relevant parts of such records for recognized and legitimate use.) No progress report or any other information is sent to parents and/or sponsors unless specifically requested by the student in writing.

In accordance with the Act Respecting Access to Documents held by Public Bodies and the Protection of Personal Information (the "Access Act") personal information, including transcripts of academic records, may be released only with the authorization of the student. When a student applies to McGill, he/she authorizes the University to release certain personal information (name, address, telephone number, e-mail address, date of birth, program and student status) to the persons and bodies listed below.

The following persons and bodies are included in the authorization:

- a. libraries of other Quebec universities with which McGill established reciprocal borrowing agreement (ID number and bar code may also be disclosed to such libraries)
- b. the Quebec Ministère de l'Éducation, du Loisir et du Sport (MELS), in order to create, validate and/or modify the student's Permanent Code
- c. the appropriate authorities involved with the external or internal funding of the student's fees (financial records may also be disclosed to such authorities)
- d. the Association of Universities and Colleges of Canada

- e. the Association of Registrars of Universities and Colleges of Canada and the Conférence des recteurs et des principaux des universités du Québec, or the member institutions of these organizations, for the purpose of admissions operations and the production of statistics
- f. the school(s) or college(s) which the student attended
- g. students and alumni who have volunteered to speak with admitted students
- h. the Student Associations recognized by McGill University for the category(ies) of students to which the student belongs
- i. the McGill Alumni Association
- j. professional bodies or corporations (e.g., engineers, dentists)
- k. McGill Network and Communications Services for the purposes of listing the student's McGill e-mail address in an on-line e-mail directory.

Students who choose not to authorize the University to disclose personal information to the organizations mentioned above in h, i, j and k must complete and submit an Opposition Form. The Opposition Form is available at Enrolment Services.

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### 3.1.5 Proof of Proficiency in English

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

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

#### Test of English as a Foreign Language (TOEFL)

Most undergraduate programs require 233 (577 for the paper-based version). Some programs require higher or lower scores.

#### McGill Certificate of Proficiency in English

For further information about the program contact the Department of Languages and Translation, Centre for Continuing Education, 688 Sherbrooke St. W., Suite 1199, Montreal, Quebec, H3A 3R1. Telephone: (514) 398-6160. E-mail: [info.conted@mcgill.ca](mailto:info.conted@mcgill.ca) Website: [www.mcgill.ca/conted](http://www.mcgill.ca/conted)

#### International English Language Testing System (IELTS)

A band score of 6.5 or better.

#### University of Michigan English Language Test (MELAB)

A minimum mark of 85%.

#### APIEL (Advanced Placement International English Language)

A minimum score of 4.

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### 3.1.6 Language Policy

The main language of instruction at McGill is English. Every student has a right to write essays, examinations, and theses in English or in French except in courses where knowledge of a language is one of the objectives of the course.

It is recommended that students who lack proficiency in English avail themselves of the opportunity to take an intensive English as a second language course prior to, or early in, their program of studies. Information concerning second language course offerings can be found in the Faculty of Arts section of this Calendar and in the Summer Studies and Continuing Education Calendars.

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### 3.1.7 E-mail Communication

E-mail is an official means of communication between McGill University and its students. All students are assigned a McGill e-mail address. They should view and verify their McGill e-mail address on Minerva, under the Personal menu. As with all official University communications, it is the student's responsibility to ensure that time-critical e-mail is accessed, read, and acted upon in a timely fashion. If a student chooses to forward University e-mail to another e-mail mailbox, it is that student's responsibility to ensure that the alternate account is viable.

It is a violation for any user of official McGill e-mail addresses to impersonate a University officer, a member of the faculty, staff or student body, in line with the McGill University "Code of Conduct for Users of McGill Computing Facilities" and relevant federal and provincial legislation.

The E-mail policy is available at [www.mcgill.ca/email-policy](http://www.mcgill.ca/email-policy). Find more information on E-mail at [www.mcgill.ca/it](http://www.mcgill.ca/it) under "Email and Calendaring". Please see section 4.3 "For your Information Technology (IT) needs".

### 3.1.8 Academic Integrity

Communicating about academic integrity is an essential way to foster it. In submitting work in their courses, students must understand the meaning and consequences of plagiarism and cheating; these are considered to be extremely serious academic offences. Students who have any doubt as to what might be considered plagiarism in preparing an essay or term paper should consult the instructor of the course to obtain appropriate guidelines. There is a student guide to the meaning of plagiarism; students should consult the academic integrity Website at [www.mcgill.ca/integrity](http://www.mcgill.ca/integrity). Links to instructional tutorials are also provided on this Website. Strategies to prevent cheating are also provided on the Integrity Website. The possession or use of unauthorized materials in any test or examination constitutes cheating. Responses on multiple-choice examinations are normally checked by the exam security computer monitoring program. The program detects pairs of students with unusually similar answer patterns on multiple choice exams. Data generated by the exam security computer monitoring program can be used as admissible evidence either to initiate or corroborate an investigation or a charge of cheating under Section 16 of the Code of Student Conduct and Disciplinary Procedures.

The Code of Student Conduct and Disciplinary Procedures includes sections on plagiarism and cheating. The Code is included in the *Handbook on Student Rights and Responsibilities*, which is available through the academic integrity Website or at [www.mcgill.ca/secretariat/handbooks/student](http://www.mcgill.ca/secretariat/handbooks/student).

### 3.1.9 Proper Use of Computing Facilities

Students are required to comply with the Code of Conduct for Users of McGill Computing Facilities as approved by the University Senate. The Code is published in the *Handbook on Student Rights and Responsibilities*.

This policy (or code) is also posted on the CIO Website at [www.mcgill.ca/cio/e-policies](http://www.mcgill.ca/cio/e-policies).

### 3.1.10 Non-smoking Policy

Quebec law prohibits smoking in public buildings.

### 3.1.11 Vaccination/Immunization Requirements

A COMPULSORY Immunization program exists at McGill for students in the Health Sciences Programs. Health Sciences students must start the immunization process as soon as they are accepted at McGill and must complete it well before they are permitted contact with patients. Entry into the McGill University Teaching Hospitals may be delayed if immunizations are incomplete.

Proof of immunity must be written and signed by either a nurse or a physician and include the following:

- 1) Proof of primary series vaccinations for Diphtheria, Pertussis, Tetanus and Polio and proof of Diphtheria, Tetanus, combined with Component Pertussis Vaccine and Polio (Salk) vaccination boosters within the last 10 years.
- 2) Proof of two live Measles, Mumps and Rubella vaccinations the first one having been received after 12 months of age, or positive serology for each of these agents.
- 3) Proof of a TWO step PPD skin test for Tuberculosis using the Mantoux method within the last 12 months or documentation of previously positive PPD and a normal chest x-ray.

- 4) Proof of Varicella vaccination or positive serology.
- 5) Proof of Hepatitis B vaccination and positive anti-Hepatitis B surface antigen serology (i.e. anti-HBs). "Immunity" to Hepatitis B may be documented by both a positive anti-Hepatitis B core antigen serology (i.e. anti-HBc) and absence of Hepatitis B surface antigen (i.e. HBsAg). In this latter case, vaccination is not necessary.

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

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

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

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

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

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

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

Students will receive details of the immunization requirements with their acceptance package. Immunizations can be completed at McGill Student Health Services which operates during the summer.

### 3.1.12 Health Insurance – International Students

By Senate regulation, all students (full-time, part-time, special, exchange and visiting) and their accompanying dependants who do not have Canadian citizenship or Permanent Resident status must participate in the University's compulsory sickness and accident plan. For enrolment procedures and details on the health insurance plan, students should consult the International Student Services Website. For information concerning rates, see section 3.4.7 "Other Fees".

All inquiries related to this University policy must be directed to International Student Services.

International Health Insurance

Telephone: (514) 398-6012

E-mail: [international.health@mcgill.ca](mailto:international.health@mcgill.ca)

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

### 3.1.13 Health Insurance – Canadian Residents

Canadian students from outside the province of Quebec should check with their own provincial Medicare office to ensure the validity of their health coverage while studying at McGill.

Canadian students who have been living abroad may not be eligible for provincial health insurance coverage. To ensure adequate health insurance coverage, you may enrol in the group plan offered through International Student Services. Please note that this option is ONLY available during the first month of your first semester at McGill.

All undergraduate students who pay tuition fees at either the Canadian or Quebec rates and who are members of the Students' Society of McGill University (SSMU) or the Macdonald Campus Students' Society (MCSS) are automatically covered by the Students' Society's Health and Dental Plans. For details on fees, Change-of-Coverage dates and on what is covered by the plans, please refer to the information contained on the Web at [www.aseq.com](http://www.aseq.com). If you're not sure of your eligibility, please contact ASEQ, at (514) 789-8775.

### 3.1.14 Special Medical Needs

Students who have particular medical needs are requested to have their physician submit appropriate information on a confidential basis to the Student Health Service; see section 4.1.3 "Student Services – Downtown Campus" for contact information on the downtown campus and see section 4.1.4 "Student Services – Macdonald Campus" for Macdonald campus contact information.

### 3.1.15 Minerva

Minerva is McGill's Web-based information system serving students, staff and faculty. To access Minerva students should go to [www.mcgill.ca/minerva](http://www.mcgill.ca/minerva) and click on the login icon. Once logged in to Minerva, students can view class schedules, including course descriptions and spaces available in course sections; register and make course changes; view their unofficial transcript and degree evaluation reports; view their Permanent Code, citizenship and Quebec residency status and fee information; update their personal information such as address, telephone number and emergency contacts; apply to graduate; view their graduation status and convocation details; view their McGill log-in information to access the Internet and e-mail; order official transcripts; retrieve tax receipts; submit an on-line course evaluation; apply to McGill and view their application status. In addition, students in some faculties can change their major or minor programs; and apply for an Exchange program using Minerva.

### 3.1.16 myMcGill

Launched in April 2006, myMcGill is McGill's own Web portal, giving students and staff a personalized interface to McGill's information systems.

myMcGill offers an integrated McGill Web experience by offering Single-Sign-On (SSO) to several McGill Web systems. This translates into users accessing these systems without being prompted for additional or subsequent logins. It also provides direct (one click) access to functions within the back end systems without having to go to the front screen of these systems and navigate through multiple menus. To log into myMcGill go to: <http://my.mcgill.ca> or from the McGill homepage ([www.mcgill.ca](http://www.mcgill.ca)), click on the myMcGill tab at the top right hand corner of the page.

## 3.2 Personal Information

### 3.2.1 Updating Personal Information

It is important that all students keep their official records up to date, especially their mailing or student billing address as these are used by the University year round. If address information on file is invalid, incomplete or missing, a student's mail will be held. Once a valid address has been updated, future mail will be sent to the student.

Students must update their addresses and/or telephone number and emergency contact information on Minerva in the Personal Menu tab.

Students who are away from campus and do not have access to the Internet may request changes by writing to their Student Affairs Office or to Enrolment Services. A written request must include the student's signature.

Changes to personal information requiring verification of official documents, e.g., change of name or citizenship or correction of birth date, must be reported to Enrolment Services as soon as possible. Such changes can only be made in person at Enrolment Services, James Administration Building, Room 205. Macdonald campus students can request changes in person at the Student Affairs Office, Laird Hall, Room 106.

### 3.2.2 Immigration Information

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

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

In addition, International Student Services prepares a "Getting Started" pamphlet along with a detailed Handbook for international students, which is sent to all accepted applicants. The Handbook is also available on the Web.

For further information, please contact:  
International Student Services, Brown Student Services Building,  
3600 McTavish Street, Suite 3215, Montreal, QC H3A 1Y2  
Telephone: (514) 398-4349  
Website: [www.mcgill.ca/stuserv/iss](http://www.mcgill.ca/stuserv/iss)  
E-mail: [international.students@mcgill.ca](mailto:international.students@mcgill.ca)

### 3.2.3 Legal Documents

#### 3.2.3.1 Why Do We Collect Legal Documents from You?

Your **tuition fees** at McGill will vary according to whether you are a Quebec student, a Canadian out-of-province student, or an international student, as per section 3.2.3.2 "What Documents Do We Need from You?" Fee schedules are listed in section 3.4 "Fees".

Some of the documents we ask from you help us obtain your **Permanent Code** from the Government of Québec. This unique 12-character code, issued by the Ministry of Education, is obligatory for all students registered in a Quebec Institution.

If you have previously attended school in Québec, you already possess a Permanent Code - you can find it on your school report card or your CEGEP or university transcript. Students can also check if McGill has received their Permanent Code after they have accepted the University's offer of admission on Minerva under the Personal menu.

Students can consult their tuition and legal status (including their Permanent Code) on Minerva. Select **Student Menu -> Student Accounts Menu -> View your Tuition and Legal Status**.



### 3.2.3.2 What Documents Do We Need from You?

Follow instructions in the **first** row of this table that applies to you. **Send clear, legible copies of documents (not originals).**

#### Quebec and Canadian-Out-Of-Province Students

You have applied to McGill from CEGEP or you already have a student record at McGill	<ul style="list-style-type: none"> <li>Usually <b>no documents</b> are required for your Canadian and/or Quebec status, as per our records or as ascertained from the Quebec Ministry of Education (MELS).</li> </ul>
You have applied to McGill from another Quebec University	<ul style="list-style-type: none"> <li>Canadian birth certificate; or Canadian citizenship card (both sides); or Certificate of Indian status card; or Makivik Society card; or Record of Permanent Resident status (note 3)</li> <li>For your Quebec residency status, usually no documents are required, unless we cannot ascertain this from the Quebec Ministry of Education (MELS)</li> </ul>
You were born in Quebec	<ul style="list-style-type: none"> <li>Quebec <b>birth certificate</b> (note 1 &amp; 5)</li> <li>Permanent Code Data Form (note 2 &amp; 6)</li> </ul>
You were born (or became a Landed Immigrant) in a Canadian province other than Quebec	<ul style="list-style-type: none"> <li>Canadian birth certificate; or Canadian citizenship card (both sides); or Certificate of Indian status card; or Makivik Society card; or Record of Permanent Resident status (note 3)</li> <li>Permanent Code Data Form (note 2 &amp; 6)</li> </ul>
You are a Quebec resident through one of the other situations outlined by the Ministry of Education	<ul style="list-style-type: none"> <li>Canadian birth certificate; or Canadian citizenship card (both sides); or Certificate of Indian status card; or Makivik Society card; or Record of Permanent Resident status (note 3)</li> <li>Permanent Code Data Form (note 2 &amp; 6)</li> <li>Attestation of Residency in Quebec Form (note 6)</li> <li><b>Other supporting documents</b>, depending on which situation you checked on the above Attestation of Residency form</li> </ul>

#### International Students

You will be in Canada for less than 6 months (i.e. for only one academic semester)	<ul style="list-style-type: none"> <li>Visitors Permit issued by Citizenship and Immigration Canada at your port of entry into Canada</li> <li>Photo page of your passport and the page stamped by Citizenship and Immigration Canada at your port of entry</li> <li>Permanent Code Data Form (note 2 &amp; 6)</li> </ul>
You will be in Canada for more than 6 months (i.e. for two or more consecutive academic semesters)	<ul style="list-style-type: none"> <li>Certificate of Acceptance of Quebec (CAQ)</li> <li>Permanent Code Data Form (note 2 &amp; 6)</li> <li>Study Permit issued by Immigration Canada (note 4)</li> </ul>

**Note 1:** You may alternatively supply your Quebec baptismal certificate if it was issued **prior to January 1, 1994** and clearly shows where you were born and that your baptism occurred no more than 4 months after your birth.

**Note 2:** Permanent Code Data Form (signed) is usually required. If the names of your parents appear on your birth certificate, or if you have already provided us with your Permanent Code, you do not need to supply this form.

**Note 3:** Proof of Permanent Resident status can be proved by an IMM 5292 document together with the Permanent Resident card (copy of both sides required). Alternatively, you may provide the

IMM 1000 document along with the PR card (copy of both sides required).

**Note 4:** If you are a refugee, you should instead provide your Convention Refugee status document.

**Note 5:** Usually we need your birth certificate to prove your place of birth in Quebec. If you already have a valid MELS Permanent Code, but we are still showing you as being charged Canadian fees, we will accept a Canadian passport that shows your birth place in Quebec as proof that you qualify for Quebec residency.

**Note 6:** The links to download and print the **Permanent Code Data** and **Attestation of Quebec Residency** forms can be found at [www.mcgill.ca/legaldocuments/forms](http://www.mcgill.ca/legaldocuments/forms).

#### Fee Exemptions

Exemptions from international tuition fees may be claimed by students in certain categories. As well, both international and non-Quebec Canadian students or Canadian Permanent Residents in certain language courses (in some cases programs) leading to a degree in French may be eligible for a fee exemption from international or the non-Quebec Canadian rate. Please note that the list of language course (in some cases, programs) is limited and subject to change by the Ministère de l'Éducation, du Loisir et du Sport. Students, if eligible for one of the exemption categories, are then assessed at the Quebec student rate. A list of categories and the required application forms are available at [www.mcgill.ca/student-records/fees/exemption](http://www.mcgill.ca/student-records/fees/exemption) and also at Enrolment Services where the application forms must be submitted. An exemption will not be granted unless the application form is submitted.

### 3.2.3.3 Have We Received Your Documents?

#### Quebec/Canadian/International Fees

Once received, it usually takes us about a week to record your documents and update your file accordingly.

- Check your tuition status on **Minerva** student accounts menu: **Student Menu->Student Accounts Menu->View your Tuition and Legal Status**.
- Check the phrase: *Fees currently calculated according to rules for...* This will tell you if you are assessed as: International student, Canadian student, or a Quebec student.
- The University has implemented e-billing as of the 2005-2006 academic year. A paper fee statement will no longer be mailed via Canada Post. For more information please refer to the following Website: [www.mcgill.ca/student-accounts/e-bill](http://www.mcgill.ca/student-accounts/e-bill).

**If you do not agree with the assessment, notify us right away. We cannot accept changes or offer you a lower tuition rate after the last day of classes at the end of the term, as the government does not allow us to amend our files at that point.**

#### Permanent Code

It can take anywhere from one week to four weeks for the Ministry to verify or issue your Permanent Code.

Check your Permanent Code on Minerva: **Personal Menu ->Name Change** or alternately via **Student Menu->Student Accounts Menu->View Tuition Fee and Legal Status**. If your 12-character Permanent Code appears there, your documents are in order. If not, you have not yet provided us with your documents listed above or we have not yet received confirmation from the Ministry that your documents are sufficient for creation of a Permanent Code.

### 3.2.3.4 What Are the Consequences of Not Providing Your Documents?

All proofs of citizenship, requests for Quebec residency, international fee exemption, and immigration status changes must be received by the end of the last day of classes of a current term to take effect for that term. **All documents received after that date will be updated and lower your fees for the following term only.**

We cannot issue you an ID card without having received your documents. Your ID card is essential to use many services on campus, and to sit for your final exams.

If your Permanent Code has not been issued by October 15 (Fall term) or February 15 (Winter term) we will put a hold on your record, which will prevent you from registering or dropping any courses, and will prevent you from obtaining your official transcript, until our record has been put in order. For students in short programs, this action may be taken earlier in the term.

Should your tuition status be reduced as a result of the document review process, any late payment or interest charges accumulated on the difference will also be waived.

### 3.2.3.5 Where Do I Send my Documents?

Send in all your documents after you have been accepted to McGill and before you arrive on campus. **Do not send us originals.** Please fax or mail a clear and legible photocopy. Write your McGill ID on the documents so that we can match them to your record. The sooner you submit your documents, the sooner we can update your status and ensure that your record is in order.

#### By E-mail:

You may submit your legal documents electronically by following these steps:

1. Save the attached file in an accepted format:
  - Standard PDF (.pdf) - encrypted PDF's will not be accepted
  - Tagged image format (.tif, .tiff; for scans)

(Due to the possibility of malicious content, Microsoft Word Documents (.doc), Hypertext files (.htm, .html) or any other format will not be accepted. Do save in an accepted format and do not just rename the file extension.)

2. **Ensure that the resolution used is no less than 300 dpi** for an electronic replica (scan) of documentation (e.g., scan of your birth certificate). Preferred file size is 100Kb per image.
3. **Address your e-mail to [legaldocumentation@mcgill.ca](mailto:legaldocumentation@mcgill.ca) and attach your relevant scanned document(s).** Files should be sent as attachments to your e-mail and not as part of the e-mail body.
4. **Put your First Name, Last Name, and McGill ID number in the subject line of your e-mail.**

**Note:** Individual e-mail size (including your attachments) should not exceed 5 MB (5120 KB).

#### By Mail:

Enrolment Services  
Documentation Centre  
688 Sherbrooke Street West, Suite 1460  
Montreal, QC H3A 3R1 CANADA

#### By Fax:

(514) 398-3227

#### In Person or by Courier:

Enrolment Services  
James Administration Building, Room 205  
845 Sherbrooke St. West  
Montreal, QC H3A 2T5 CANADA

If there is a problem with your documents, you may contact us at:

**Telephone:** (514) 398-4474

**E-mail:** [admissions@mcgill.ca](mailto:admissions@mcgill.ca)

### 3.2.4 Identification (ID) Cards

Students registered at McGill are required to present an ID card when writing examinations and when using libraries, Student Services, certain laboratories, and many residences.

An ID card cannot be issued until at least 3 hours after the student has registered. When requesting the card, new students must present Permanent Code information and proof of legal status in Canada (for a list of documents please see [section 3.2.3 "Legal Documents"](#)).

### **ID cards will not be issued if any of the legal documents are missing.**

Registered students may obtain an ID card at these times and locations:

<p><b>Quebec CEGEP students:</b> Thursday, June 10 to Friday, August 29th, 2008, Open 9:00 a.m. to 5:00 p.m. (note that we are closed on: Monday June 23rd &amp; Tuesday June 24th, Monday, June 30th &amp; Tuesday, July 1st and week-ends). You are encouraged to come during this period to avoid line-ups later in August. No international students can be carded before August 20.</p>	<p>Enrolment Services, James Administration Building, Room 205</p>
<p><b>Canadian and Quebec students:</b> Tuesday, July 29th to Tuesday, August 19th, 2008, Open 9:00 a.m. to 5:00 p.m. (except week-ends). You are encouraged to come during this period to avoid line-ups later in August. No international students can be carded before August 20.</p>	<p>Enrolment Services, James Administration Building, Room 205</p>
<p><b>All students, including international students:</b> Monday, August 20 to Friday, August 29th, 2008. Open 9:00 a.m. to 5:00 p.m. including Saturday and Sunday, August 23-24.</p>	<p>Lorne M. Trottier Building 3630 University Street</p>
<p>Starting Tuesday, September 2, 2008, Normal office hours.</p>	<p>Enrolment Services, James Administration Building, Room 205</p>

### ID Card Schedule for the Macdonald Campus:

**Quebec CEGEP students (newly registered)**, may obtain an ID card from the Student Affairs Office, Room 106, Laird Hall. Office hours are from 9:00 a.m. to 4:00 p.m., Monday through Thursday and 9:00 a.m. to 3:00 p.m. on Friday throughout the Summer. (Please note that the Student Affairs Office will be closed for the statutory holiday of Tuesday June 24th as well as Tuesday July 1st).

**Canadian and Quebec Students**, may obtain an ID card during the weeks of August 4 to 8, 11 to 15, 18 to 22, 25 to 29, from the Student Affairs Office, Room 106, Laird Hall. Those students missing any of the dates noted will be able to obtain their ID cards during Orientation activities.

**International Students**, may obtain their ID cards as of August 20, 2008 from the Student Affairs Office, Room 106, Laird Hall.

As of Tuesday, September 2nd, 2008, ID cards may be obtained from the Macdonald Campus Student Affairs Office during normal office hours.

#### Notes:

- students who do not register for consecutive terms should retain their ID card to avoid having to replace it when they re-register.
- if your card has expired there is no charge for a replacement as long as you hand in the ID card.
- if you change programs or faculties there is no charge as long as you hand in the ID card.
- if your card has been lost, stolen or damaged, there is a \$20 replacement fee.
- students who need security access to labs or other facilities should refer to [www.mcgill.ca/security/services/access](http://www.mcgill.ca/security/services/access).

The Student Identification Card is the property of the University, is to be used by the cardholder only, and is not transferable. Students withdrawing from all of their courses must attach their ID card to the withdrawal form or return their ID card to Enrolment

Services (or the Faculty of Agricultural and Environmental Sciences, Student Affairs Office, Macdonald Campus).

### 3.2.5 Name

#### 3.2.5.1 Legal Name

All students are registered under their legal name as shown in one of the following documents:

1. Canadian birth certificate.
2. Canadian Immigration Record of Landing (IMM1000 or IMM5292 and Permanent Residence card, both sides).
3. Canadian Immigration Study or Work Permit document.
4. Certificate of Acceptance of Quebec (CAQ).
5. International passport (for Canadians, a Canadian citizenship card is required. Note that a Canadian passport is not acceptable).
6. Letter from international student's consulate or embassy in Canada.
7. Marriage certificate issued outside of Quebec\* (translated into English or French by a sworn officer if in another language).

In the case of a variation in the spelling of the name among these documents, the University will use the name on the document that appears first on the above list.

**Note:** This is the name that will appear on the student's degree, diploma or certificate on graduation, and on the student's transcript, and used by the Ministère de l'Éducation, du Loisir et du Sport (MELS) to create a Permanent Code.

\* Quebec marriage certificates are only acceptable if issued prior to 1984.

#### 3.2.5.2 Preferred First Name

Students can provide a preferred first name at the time of admission on their web application and following that by sending a signed request to Enrolment Services, James Administration Building, Room 205, for the name to be updated on their file.

The preferred first name is included on class lists (in brackets alongside the legal name) for use by instructors. Students should note that their legal name will be the name that will appear on their transcript and diploma.

### 3.2.6 Verification of Name

Students should verify the accuracy of their name on McGill's student records via Minerva. Any necessary corrections to formatting, e.g., changing case (upper/lower), adding accents and spacing, can be made on Minerva under the **Personal Menu -> Name Change Form**.

Students **cannot** change the name on their record via Minerva. Requests for such changes must be made by presenting official documents (see section 3.2.5 "Name") in person at Enrolment Services, James Administration Building, Room 205.

## 3.3 Registration / Student Records / Exams

The information contained in this section applies to the University in general, students are advised to consult the appropriate faculty or school section for academic policies and regulations specific to their programs.

### 3.3.1 Registration

Once students have confirmed their intention to attend McGill on Minerva, they must register during the registration periods listed below by using Minerva, McGill's Web-based information system, to add courses to their record. They may continue to register throughout the registration period by adding and dropping courses until they have finalized their schedule. Registration is performed on-line at [www.mcgill.ca/minerva](http://www.mcgill.ca/minerva).

Refer also to Registration information in each faculty section.

All course descriptions are available at [www.mcgill.ca/courses](http://www.mcgill.ca/courses). New students in particular should refer to section 3.3.10 "Course Information and Regulations" to familiarize themselves with McGill's course numbering system, multi-term course rules, and course terminology.

For fee policies related to registration and withdrawal from courses or withdrawal from the University, please refer to all parts of section 3.4 "Fees".

All M.D.,C.M. students must complete registration for 2008-2009, as per registration periods indicated below, on the Web by adding confirmation of registration course on Minerva in the Fall 2008 term. Based on your addition of this registration course, all courses in the Medicine curriculum for 2008-2009 will be added to your record.

### 3.3.2 Registration Periods

The dates given below were accurate when this Calendar was published. Although changes are not anticipated, students are advised to confirm the dates on the Web at [www.mcgill.ca/student-records](http://www.mcgill.ca/student-records).

#### Returning Students

Registration will take place between Thursday, March 27 and Monday, July 28, 2008.

Registration will be phased in, opening in the following order:

<b>Year 3 and Year 4 students:</b>	Thursday, March 27
<b>Year 2 students:</b>	Tuesday, April 1
<b>All other returning students:</b>	Thursday, April 3

Some faculties and departments set their own schedules for advising and registration within these dates. Further information is distributed from the faculty Student Affairs Offices and Websites.

Successful completion of registration is contingent upon acceptable academic standing in the previous session and payment of any previous outstanding fees and fines.

#### Newly Admitted Students Entering in September 2008

Registration will take place between Tuesday, June 10 and Tuesday, September 2.

Registration will be phased in, opening in the following order:

**Tuesday, June 10**, registration opens for students admitted from Quebec CEGEPs.

**Tuesday, July 29**, registration opens for students whose highest level of education prior to registering at McGill is a French Baccalaureate, International Baccalaureate or at least one year of university.

**Wednesday, July 30**, registration opens for students whose highest level of education prior to registering at McGill is high school, and who have been admitted to the following faculties/schools/degrees: Arts, B.A. & Sc. degree, Education, Management, Music, Religious Studies and Social Work.

**Thursday, July 31**, registration opens for students whose highest level of education prior to registering at McGill is high school, and who have been admitted to the following faculties/schools: Agricultural and Environmental Sciences, Engineering including Architecture, Nursing, Physical and Occupational Therapy, and Science.

A newly admitted student entering in September 2008 who wishes to register for courses in the Summer of 2008 may do so on Minerva. Please check the Summer Studies calendar for further information or refer to [www.mcgill.ca/summer](http://www.mcgill.ca/summer).

**Medical students must confirm their registration prior to the Faculty of Medicine mandatory orientation & registration session held from August 19 - 22, 2008, in the McIntyre Medical & Sciences Building, 6th floor lobby.**



### Newly Admitted Students Entering in January 2009

Registration will take place between Tuesday, December 2, 2008 and Monday, January 5, 2009.

Some faculties and departments require that students be advised before registration and set specific dates for advising and registration within these dates. Please refer to the Faculty sections of this Calendar, as well as to the *Welcome to McGill* booklet or the *Essential Guide for New Students, Macdonald Campus*, which are included with the acceptance package.

#### 3.3.2.1 Late Registration

Students who fail to register during the normal registration period may do so within the period designated by the University for late registration. They will be assessed a late registration fee as listed below:

**Returning Students:** May register late from Tuesday, July 29 until and including Tuesday, September 2 with the payment of a late registration fee of \$50 (\$20 for Special Students).

**New and Returning Students (Fall):** Students may register late via Minerva from Wednesday, September 3 until Tuesday, September 16 with the payment of a late registration fee of \$100 (\$40 for Special Students).

**New and Readmitted Students (Winter):** May register late via Minerva from Tuesday, January 6 until Tuesday, January 20 with the payment of a late registration fee of \$100 (\$40 for Special Students).

**Special Late Registration:** Students whose records are not available for registration on-line during the late registration period, usually due to late admission, may receive special permission to register in person. This information is included with their letter of acceptance.

### 3.3.3 Class Schedule

The Class Schedule for the upcoming Fall and Winter terms normally becomes available in mid-March at [www.mcgill.ca/courses](http://www.mcgill.ca/courses). (The Summer term schedule is normally made available in January). This schedule includes the days and times when courses are offered, class locations, names of instructors, and informational remarks and comments. The calendar entries of scheduled courses can be accessed by clicking on the CRN (course reference number) that appears with each course section shown.

Students should make special note of any pre-registration requirements for a course, such as placement tests, or departmental approval/permission required.

Class Schedule information is subject to change and is updated as courses are added, cancelled, rescheduled or relocated. It is the responsibility of all students to consult the Class Schedule at the time of registration, and again before classes begin, to ensure that changes have not resulted in conflicts in their schedule.

### 3.3.4 Course Load

It is the student's responsibility to follow the faculty regulations listed below. When registering on Minerva, students *must not* exceed the maximum credits permitted by their faculty.

For information on course load requirements for entrance scholarships renewal and in-course awards refer to [section 3.7.1 "Entrance Awards for McGill Students"](#).

The normal course load in most undergraduate faculties is 15 credits per term. For students in the Faculty of Engineering, Faculty of Education, and Schulich School of Music, however, the normal course load is 15 to 18 credits per term.

Students in Arts, Management, Religious Studies, or Science whose CGPA is above 3.00 may take 18 credits per term. Such students who wish to do so are strongly urged to consult an advisor.

Students in satisfactory standing may take up to 17 credits per term (18, in Music and Engineering).

*Students in probationary standing* take a maximum of 12 credits per term, with the following exceptions:

- Agricultural and Environmental Sciences: 14 credits.
- Arts and Science: up to 14 credits, with special approval of the Associate Dean.
- Engineering: 13 credits, including repeated courses.
- Music: 14 credits.
- Management: 12 credits maximum of new material.

In some cases a student in probationary standing may add a repeated course in which a grade of D or F was obtained.

#### Note:

Students who carry fewer than 12 credits per term are considered to be part-time in that term.

### 3.3.5 Course Change Period

During the initial Registration Periods, [see section 3.3.2 "Registration Periods"](#), students may make changes to their course registrations (add or drop courses), subject to the requirements and restrictions of their program and of individual courses.

The Course Change deadline coincides with the deadline for late registration. Please refer to the Calendar of Dates, [section 1, "Calendar of Dates 2008-09"](#).

Students who drop their last Fall course **after** the end of August or drop their last Winter course **after** the end of December are considered to be withdrawn from the University. They must follow the procedures for readmission.

Students who are registered in the Fall term may continue to add and drop courses that will begin in the Winter term throughout the Fall term until the deadline for course change/late registration in the Winter term.

After the Course Change deadline, courses may be added according to each faculty's regulations and only with written permission of the instructor and the Office of the Associate Dean of the student's faculty (or Director, BCom Program, in the Desautels Faculty of Management). A fee will be charged for each course added.

### 3.3.6 Regulations Concerning Course Withdrawal

Following the Course Change deadline there is a period of a few days during which students may withdraw, with a grade of W and full refund of course fees, from courses that start in that term.

After the Withdrawal (with refund) deadline, there is a period during which withdrawal from a course will also result in a grade of W but no course fees will be refunded.

#### Courses that begin in the Fall Term

Deadline for withdrawal (grade of 'W') with refund:

Sunday, September 21, 2008

Deadlines for withdrawal (grade of 'W') without refund:

- Single-term courses: Sunday, October 19, 2008

- Multi-term courses that began in Fall term: Tuesday, January 20, 2009

#### Courses that begin in the Winter Term

Deadline for withdrawal (grade of 'W') with refund: Sunday, January 25, 2009

Deadline for withdrawal (grade of 'W') without refund:

- Single-term courses: Sunday, February 15, 2009

- Multi-term courses that began in Winter term: Friday, May 15, 2009\*

\*Please note that students in multi-term courses with course numbers ending in N1 and N2 (begin in the winter, skip the summer, are completed in the subsequent Fall term) may withdraw after May 15 and until the end of the Fall term course change period by contacting their faculty Student Affairs Office.

After the withdrawal (without refund) deadline, but before the end of term, the student may, under exceptional circumstances, be granted permission to withdraw from a course. (Permission will not be granted merely because a student is doing unsatisfactory work.) A grade of W or WF, as appropriate, will appear on the



transcript but will not be calculated in the GPA. For further information students should consult their faculty Student Affairs Office.

**Special Notes for Medicine, Dentistry, School of Nursing, and School of Physical and Occupational Therapy:** Withdrawal (W) deadlines dates are listed in the Calendar of Dates, see [section 1 “Calendar of Dates 2008-09”](#).

1. The health profession programs described in this Calendar are highly structured and students should consult their adviser or Student Affairs Office to determine what course changes, if any, are allowed.
2. The responsibility for initiating 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 [section 3.4.9 “Fees and Withdrawal from the University”](#).

### 3.3.7 Regulations Concerning University Withdrawal

Students considering University withdrawal are strongly urged to consult with their adviser and Student Affairs Office before making a final decision.

#### Student's responsibility

The responsibility for initiating University 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 drops or withdraws from all courses on Minerva or the date the request for withdrawal is submitted to the Student Affairs Office is the official date of withdrawal, even if the student stopped attending lectures earlier.

#### 3.3.7.1 Deadlines for University Withdrawal

All students who have accessed Minerva to register must officially withdraw within deadlines if they decide not to attend the term(s) for which they have registered. See Withdrawal (W) deadline dates in the Calendar of Dates. Students who drop their last Fall or Winter course by the end of the add/drop period of that term are considered withdrawn from the University. They must follow the procedures for readmission.

Students who wish to withdraw from the University by the deadlines indicated below must drop or withdraw from all courses on Minerva.

#### Fall Term:

Deadline for University withdrawal with refund (minus \$100 for returning and \$200 for new students):

Sunday, September 21, 2008

Deadline for University withdrawal without refund:

Sunday, October 19, 2008

#### Winter Term:

Deadline for University withdrawal with refund (minus \$100 for returning and \$200 for new students):

Sunday, January 25, 2009

Deadline for University withdrawal without refund:

Sunday, February 15, 2009

Students who are blocked from dropping or withdrawing from their last course on Minerva are required to contact their Student Affairs Office. The Student Affairs Office will supply any forms necessary to complete the University withdrawal where the deadline for University **withdrawal has not been passed**.

#### 3.3.7.2 Consequences of University Withdrawal

Fee refunds, if any, for the term in which the student withdraws will be in accordance with [section 3.4.9 “Fees and Withdrawal from the University”](#).

Upon withdrawal, students are required to return their ID card to the University as stated in [section 3.2.4 “Identification \(ID\) Cards”](#).

Students who withdraw during the Fall term are considered withdrawn from the entire academic year, regardless of whether Winter term courses are dropped. If they wish to return for the Winter term, they must follow the procedures for readmission.

### 3.3.8 Inter-Faculty Transfer

McGill students who have not graduated and wish to transfer into another undergraduate faculty may now apply using the **Minerva** Faculty Transfer/Readmission Menu, unless otherwise indicated in the table below.

Students must also refer to the Faculty Website for faculty-specific rules and to determine what supporting documents must be submitted for their application. To access the Faculty Websites and find more information on Faculty Transfers please refer to [www.mcgill.ca/student-records/inter-faculty-transfers](http://www.mcgill.ca/student-records/inter-faculty-transfers).

Faculty/School	Notes	Fall Term Application Deadline	Winter Term Application Deadline
<b>Agricultural and Environmental Sciences, Dietetics and Human Nutrition</b>		June 1	December 1
<b>Nursing</b>	For the B.Sc.(N.) program only. Students must apply through the Minerva application form and follow instructions on the School of Nursing Website.	February 1 to 15 August	June 1 to 15 December
<b>Physical and Occupational Therapy</b>	(There is no admission to Physical and Occupational Therapy for the Winter term.)	June 1	N/A

### 3.3.9 Quebec Inter-University Transfer Agreement (IUT)

**Note:** [section 3.3.9 “Quebec Inter-University Transfer Agreement \(IUT\)”](#) applies to the School of Nursing.

The IUT Agreement permits concurrent registration at McGill and another Quebec institution.

#### 3.3.9.1 McGill Students

Regular undergraduate and graduate degree, diploma or certificate students registered at McGill may, with the permission of their faculty, register at any university in the province of Quebec for three (3), or exceptionally six (6), **credits** per term in addition to their registration at McGill. These courses, subject to faculty regulations, will be recognized by McGill for the purpose of the degree for which the student is registered up to the limit imposed by the residency requirements of the program. (Normally, a minimum residency requirement of 60 credits must be completed at McGill in order to qualify for a McGill degree — students should check with their faculty.) This privilege will be granted if there are valid academic reasons.

Students wishing to take advantage of this agreement should consult their Student Affairs Office for details, and are informed that this agreement is subject to the following conditions:

- The other universities concerned may, at their discretion, refuse the registration of a student for any of their courses.
- Students must complete their faculty and program requirement.
- The student is responsible for ensuring that the McGill Class Schedule permits these courses to be taken without conflict.
- The universities concerned are not responsible for special arrangements in cases of examination or class schedule conflicts.
- Marks earned at the host university will not appear on McGill transcripts or be included in McGill grade point averages.
- Students who are attending McGill as exchange students from outside Quebec are not eligible to take courses at another Quebec institution through the IUT agreement.
- Students should be aware that late results received from host universities may delay their graduation.

Scholarship holders should consult with their Student Affairs Office and the Scholarships Coordinator concerning eligibility for continuation or renewal of their awards.

Students must initiate an on-line Inter-University Transfer (IUT) application to request the required authorizations at [www.mcgill.ca/student-records/iut](http://www.mcgill.ca/student-records/iut). Students may also find additional information posted at their faculty Website.

**Note:** Once the IUT application is approved by both the home and host universities, the student remains responsible for registering in the same course for which they have obtained electronic approval. The method of registration of the host university will vary (e.g., Web, in-person, phone, etc.). **The student is advised to initiate the electronic application allowing enough time to meet the host university's registration deadlines. Furthermore, the student is responsible for adhering to all registration deadlines of the host institution.** Students who later wish to drop or withdraw from the course(s) for which approval has been granted, will need to drop or withdraw from the course as per the method of registration at the host university AND submit this change on the online IUT application.

For courses that are completed the grade will be automatically submitted to the home university by the host institution.

### 3.3.9.2 On-line IUT Application — McGill and Visiting IUT Students

Students from other Quebec universities wishing to come to McGill using the Inter-University Transfer (IUT) agreement must initiate an on-line application to request the required authorizations at [www.mcgill.ca/student-records/iut](http://www.mcgill.ca/student-records/iut). Visiting students should also refer to their home university website for regulations on the number of credits allowed as well the policies for transferring the credits.

**Note:** Once the IUT application is approved by both the home and host universities, the student remains responsible for registering in the same course for which they have obtained electronic approval. At McGill, the visiting student whose application has been approved will have to register on Minerva ([www.mcgill.ca/minerva](http://www.mcgill.ca/minerva)). Visiting students will be informed via e-mail of the steps involved in registering once their application has been approved.

**The student is advised to initiate the electronic application allowing enough time to meet the host university's registration deadlines. Furthermore, the student is responsible for adhering to all registration deadlines of the host institution.** Students who later wish to drop or withdraw from the course(s) for which approval has been granted will need to drop or withdraw from the course as per the method of registration at the host university AND submit this change on the online IUT application.

For courses that are completed the grade will be automatically submitted to the home university by the host institution.

## 3.3.10 Course Information and Regulations

### 3.3.10.1 Course Numbering

Each McGill course is assigned a unique seven-character course "number".

**The first four characters (Subject Code)** refer to the unit offering the course.

These codes were implemented in September 2002, replacing the three-number Teaching Unit Codes previously used. A complete list of Teaching Unit Codes and their Subject Code equivalents can be found on the Web at [www.mcgill.ca/student-records/transcripts](http://www.mcgill.ca/student-records/transcripts).

**The three numbers following the Subject Code** refer to the course itself, with the first of these indicating the level of the course.

- Courses numbered at the 100, 200, 300, and 400 levels are intended for undergraduate students. In most programs courses at the 300 level and 400 level are normally taken in the student's last two years.
- Courses at the 500 level are intended for graduate students, but may also be open to qualified senior undergraduate students.
- Courses at the 600 and 700 level are intended for graduate students only.

**Two additional characters (D1, D2, N1, N2, J1, J2, J3) at the end of the seven-character course number identifies multi-term courses.**

### 3.3.10.2 Multi-term Courses

Most courses at McGill are single term (Fall or Winter or Summer) courses with final grades issued and any credits earned recorded at the end of that term. Single term courses are identified by a seven-character course number.

A unit may, however, decide that the material to be presented cannot be divided into single term courses or it is preferable that the work to be done is carried out over two, or three, terms. Under such circumstances, courses are identified by a two-character extension of the course number.

In some cases, the same course may be offered in various ways: as a single term and/or in one or more multi-term versions. The course content and credit weight is equivalent in all modes, the only difference being the scheduling, and students cannot obtain credit for more than one version.

**Courses with numbers ending in D1 and D2** are taught in two consecutive terms (most commonly Fall and Winter). Students must register for the same section of both the D1 and D2 components. When registering for a Fall term D1 course on Minerva, the student will automatically be registered for the Winter term D2 portion. No credit will be given unless both components (D1 and D2) are successfully completed in consecutive terms, e.g., Fall 2008 and Winter 2009.

**Courses with numbers ending in N1 and N2** are taught in two non-consecutive terms (Winter and Fall). Students must register for the same section of both the N1 and N2 components. No credit will be given unless both components (N1 and N2) are successfully completed within a twelve (12) month period.

**Courses with numbers ending in J1, J2 and J3** are taught over three consecutive terms. Students must register for the same section of all three components (J1, J2, J3). No credit will be given unless all three components are successfully completed.

### IMPORTANT CONDITIONS FOR MULTI-TERM COURSES

1. **Students must be registered for each component of the multi-term course. Students must ensure that they are registered in the same section in each term of the multi-term course.**
2. **Students must successfully complete each component in sequence as set out in the multi-term course. Credit is granted only at the end of the multi-term course; no credit is given for partial completion.**

### 3.3.10.3 Course Terminology

**Prerequisite:** Course A is prerequisite to course B if a satisfactory pass in course A is required for admission to course B.

**Corequisite:** Course A is corequisite to course B if course A must be taken concurrently with (or may have been taken prior to) course B.

**Credits:** The credit weight of each course is indicated in parentheses beside the course title. For D1 and D2 courses the credit weight is indicated after the course number. For further information refer to [section 3.5.2 "Credit System"](#).

### 3.3.11 Course Nomenclature In Program Descriptions

**Required Courses:** Courses that must be completed to fulfill the requirements of a major, minor, etc., unless the student receives exemptions. Students have no choices among required courses.

**Complementary Courses:** A set of alternative courses that can be taken to fulfill the requirements of a major, minor, etc. Students choose a specified number of courses from the set.

**Elective Courses:** Courses that do not count toward the fulfillment of the requirements of a major, minor, etc. They are often, but need not be, selected from outside a student's program of study. Some restrictions may apply, but students have the most choice in selecting elective courses. Some faculties also permit students to take elective courses using the satisfactory/unsatisfactory option. Consult your faculty regulations concerning elective courses.

### 3.3.12 Auditing of Courses

No auditing of courses is permitted at McGill.

## 3.4 Fees

The University reserves the right to make changes without notice in the published scale of fees.

Further information regarding fees can be found on the Student Accounts Website [www.mcgill.ca/student-accounts](http://www.mcgill.ca/student-accounts).

**Note:** This section relates only to fees for the undergraduate programs listed in this Calendar. Graduate program fee information can be found in the General Information section of the *Graduate and Postdoctoral Studies Calendar*, or obtained from the unit concerned.

### 3.4.1 Fee Information Booklet (electronic)

The *Fee Information Booklet* will be available on the Student Accounts Website [www.mcgill.ca/student-accounts/documents](http://www.mcgill.ca/student-accounts/documents) in the summer. This link will also be sent via the McGill e-mail address shortly after students have confirmed their acceptance of the offer of admission. It contains additional information as well as any fee adjustments that may have been made after the publication of this Calendar. Students are bound by the policies and procedures contained therein. In the event of any discrepancy, the *Fee Information Booklet* supersedes the Calendar.

### 3.4.2 Access to Fee Information

Students can view their Account Summary by Term on Minerva. The Fall 2008 term fees will be accessible as of August 1st.

### 3.4.3 Tuition Fees

Tuition fees vary according to the residence and citizenship status of the student. The rates described below only refer to credit activities.

### Quebec Students

Tuition fees for Quebec students who are Canadian citizens or Permanent Residents are \$62.27 per credit or \$1,868.10 for 30 credits.

In accordance with provincial government requirements, students must provide proof that they qualify for assessment of fees at the Quebec rate; see [section 3.2.3 "Legal Documents"](#) for details.

**Note:** Students who do not submit appropriate documentation by the stipulated deadline are billed at the non-Quebec Canadian or the international rate, depending on the documentation submitted.

If proof of status is submitted after a student has been billed, but before the document submission deadline, the tuition supplement will be waived. Should your tuition status be changed during the evaluation period resulting in a reduction of fees, any late payment and/or interest charges accumulated on the difference will also be waived.

### Non-Quebec Students (Canadian or Permanent Resident)

Tuition fees for non-Quebec students who are Canadian citizens or Permanent Residents are \$179.28 per credit (\$62.27 Quebec rate plus \$117.01 out of Province supplement) or \$5,378.40 for 30 credits.

In accordance with provincial government requirements, students must provide proof that they qualify for assessment of fees at the non-Quebec Canadian rate; see [section 3.2.3 "Legal Documents"](#) for details.

**Note:** Students who do not submit appropriate documentation by the stipulated deadline will be billed at the international rate.

If proof of status is submitted after a student has been billed, but before the document submission deadline, the tuition supplement will be waived. Any late payment and/or interest charges accumulated during the documentation evaluation period will be waived.

### International Students (2007-2008 rates)

At the time of publishing, any increases to tuition fees for international students had not been announced. Students should check on the Student Accounts Website ([www.mcgill.ca/student-accounts](http://www.mcgill.ca/student-accounts)) where any announcements will be immediately posted as soon as information is received.

Tuition fees for international students in all undergraduate programs included in this Calendar except Dentistry and Medicine are \$514.00 per credit (\$15,420.00).

The international fees listed in [section 3.4.12 "Yearly Fees and Charges by Faculty \(Estimated for 2008-2009\)"](#) are representative of fees that students could expect to be charged in each degree program.

Exemption from International Tuition Fees may be claimed by students in certain categories. Such students, if eligible, are then assessed at the Quebec student rate.

A list of these categories and the required application forms can be obtained from Enrolment Services. Information is also available on the Web at [www.mcgill.ca/students](http://www.mcgill.ca/students).

### 3.4.4 Documentation

For information, see [section 3.2.3 "Legal Documents"](#).

### 3.4.5 Compulsory Fees (2007-2008 rates)

#### 3.4.5.1 Student Services Fees

The Student Services fee is overseen by the Senate Committee on the Coordination of Student Services, a committee composed equally of students and University staff. Through the Office of the Executive Director of Services for Students, these services are available on the Downtown and Macdonald campuses to help students achieve greater academic, physical, and social well-being.

The fee, complemented by revenue from the Quebec government, the University, and the generosity of donors, supports Student Health (including Dental), Mental Health, Counselling and Tutorial, Chaplaincy, Career and Placement, Scholarships and

Financial Aid, International Student Services, the Office for Students with Disabilities, the First Year Office (including the Franco-phone Assistant), Off-Campus Housing, and the First Peoples' House. The Office of the Dean of Students administers the academic integrity process as described in the Handbook of Student Rights and Responsibilities (see [www.mcgill.ca/integrity/students](http://www.mcgill.ca/integrity/students)).

### 3.4.5.2 Athletics and Recreation Fee

The Athletics and Recreation fee covers athletics facilities, campus recreation (intramurals, fitness and recreation courses, drop-in recreation, etc.), and intercollegiate sports at both the Downtown and Macdonald campuses.

### 3.4.5.3 Student Society Fees

Student Society fees are compulsory fees collected on behalf of student organizations. Fees must be approved by the student body through fee referenda according to the constitutional rules of the association or society.

Changes to Student Society fees are voted upon by the students during the Fall or Spring referendum periods.

**Note:** For international students, the student society fee includes the SSMU Dental Insurance plan of \$98.20. International students will be obliged to participate in the University's compulsory International Health Insurance Plan, which at the 2007-08 rate costs \$639 for single coverage. For more information, please contact International Student Services, (514) 398-6012.

## 3.4.6 Administrative Charges

(Fees that follow are an **estimate** based on the expected cost of living index as calculated by Statistics Canada. These figures will be updated and available on the Student Accounts Website, [www.mcgill.ca/student-accounts](http://www.mcgill.ca/student-accounts), based on the index at the end of January 2008.)

### 3.4.6.1 Registration Charge

The University charges a per-credit registration charge to all students in courses and programs. This is assessed as follows: \$7.02 per credit to a maximum of \$105.30 per term.

### 3.4.6.2 Information Technology Charge

The purpose of the information technology charge is to enhance certain technology services provided to students as well as to provide training and support to students in the use of new technology. The fee is assessed as follows: \$6.86 per credit to a maximum of \$102.90 per term.

### 3.4.6.3 Transcripts and Diploma Charge

The University charges a per credit transcript charge to all students. This entitles students to order transcripts free of charge and is assessed as follows: \$1.22 per credit to a maximum of \$18.60 per term.

### 3.4.6.4 Copyright Fee

All Quebec universities pay a per credit fee to Copibec (a consortium that protects the interests of authors and editors) for the right to photocopy material protected by copyright. The fee is assessed as follows: \$.78 per credit to a maximum of \$11.70 per term.

## 3.4.7 Other Fees

International Student Health and Accident Plan (compulsory) (based on 2007-08 rates) Single	\$639
Application for Admission	
All programs except MBA - non CEGEP applicants	\$80
Students applying from Quebec CEGEP	\$60
MBA	\$100
Reconsideration of Application (excluding Medicine and Dentistry)	\$40
Admission appeals charge (excluding Medicine)	\$100

### Late Registration

*After regular registration deadline:*

- All eligible returning students, except Special students and Graduate part-time students. \$50
- Special students and Graduate part-time students. \$20

*As of the second day of classes:*

- All students except Special students and Graduate part-time students. \$100
- Special students and Graduate part-time and additional session students. \$40

Late Course Change Fee \$25

Minimum Charge upon withdrawal \$100

Re-reading Examination Paper (refundable if the letter grade is increased) \$35

Supplemental Examinations, each written paper \$35

Duplicate ID Card \$20

Late Payment \$25

– charged on balances >\$100 as of the end of October (end of February for the Winter term)

Interest on outstanding balances (rate determined in February, to be applicable on June 1 – was 14.9% annually in 2007-08)

Returned cheque charge \$20

Prepayment Fee:

Dentistry	\$2,000
Pre-Dentistry	\$1,000
Medicine	\$500

### Communication Sciences and Disorders Fees

M.Sc.A. program, lab materials	\$50
M.Sc.A. ID badge (1st year)	\$30

### Dentistry - Purchases of Equipment and Materials Fee

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

The estimated cost of these purchases is as follows:

Second Year	\$18,500
Third Year	\$4,200
Fourth Year	\$1,500

It is expected that the Faculty of Dentistry will have the technology in place by 2008-2009 to provide Web-based courseware and examinations, and later to implement an electronic patient record system that will be used in the undergraduate teaching clinic. Students will be required to be equipped with laptops that meet certain minimum requirements. These requirements will be sent to students as soon as they are available.

### Dentistry and Medicine – Microscopes

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

### Nursing Fees

Books, Uniform, Stethoscope, etc.	\$2,000
Graduate Pins (3rd year)	\$50 to \$160
Nursing Explorations – 3 years	\$55 to \$75 per year

### Physical and Occupational Therapy Fees

Books and Other Equipment	\$1,000
Uniforms (Physical Therapy only)	\$100
Laboratory Materials	\$75



### 3.4.8 Billings and Due Dates

#### 3.4.8.1 Confirmation of Acceptance Deposit

Students admitted to the University will be required to confirm their acceptance of the offer of admission on [www.mcgill.ca/minerva/applicants](http://www.mcgill.ca/minerva/applicants) and pay the required deposit by credit card (Visa or Mastercard) at the time.

#### 3.4.8.2 Invoicing of Fees

Fees are assessed on a term by term basis.

Electronic billing is the official means of delivering fee statements to all McGill University students. The University has replaced printed paper fee statements with a convenient electronic billing system for students to view their account statement on Minerva. All charges to the student's account, including tuition, fees, health insurance and other miscellaneous charges are on your e-bill. E-bills are generally produced in the first few days of the month and an e-mail notification that the e-bill is ready to be viewed on Minerva is sent to the student's official McGill e-mail address. Charges or payments that occur after the statement date will appear on the next month's statement, but may be immediately viewed on the Account Summary by Term on Minerva (this is the on-line dynamic account balance view).

Interest *will not* be cancelled due to non-receipt of fee invoices. Students should access the Student Accounts website at [www.mcgill.ca/student-accounts](http://www.mcgill.ca/student-accounts) for information on payment due dates.

Term	Payment Due Date
<b>Fall term</b>	
Returning students	August 29, 2008
Students new to the University in Fall	September 29, 2008
<b>Winter Term</b>	
Returning students	January 6, 2009
Students new to the University in Winter	January 30, 2009

#### 3.4.8.3 Late Payment Fees:

Students who still have an outstanding balance greater than \$100 on their account as of October 30th (February 28th for the Winter term) will be charged a late payment fee of \$25 over and above interest.

#### 3.4.8.4 Guest Access on Minerva

Students may choose to give access privileges to a guest within Minerva. These privileges include viewing e-Bills/Account Summaries, Tax Receipts and e-payment.

A Web page at [www.mcgill.ca/student-accounts/guest](http://www.mcgill.ca/student-accounts/guest) describes how students can set up this access. Students are asked to provide certain information about the individual for whom they wish to provide access to their fee-related information. The guest will be contacted by e-mail and provided with a link which they must use within a designated time period.

Students may revoke these access privileges at any time. At the same time, note that Student Accounts staff may respond to questions from your authorized guests regarding the information to which you have given them access.

If students do not wish to give a guest access privileges to Minerva, they may still enter alternative student billing e-mail addresses to which Student Accounts will send a copy of the monthly e-bill notification. However if someone has been granted access as a guest and their guest e-mail is the same as a student billing e-mail address, the University will de-activate the student billing e-mail address in order to only notify your guest about the billings once.

Students are cautioned NOT to share their own PINS with anyone, and guest access allows information to be passed to a guest without giving away your PIN.

### 3.4.9 Fees and Withdrawal from the University

All students who have accessed Minerva to register must officially withdraw in accordance with [section 3.3.6 "Regulations Concerning Course Withdrawal"](#) if they decide not to attend the Term(s) for which they have registered. **Otherwise they will be liable for all applicable tuition and other fees.**

Students who have accessed Minerva and who drop their last course from September 1st through to the withdrawal period with full refund, will be deemed to have withdrawn from the University. They will be automatically charged a minimum charge of \$100 (or their deposit fee, whichever is higher) to cover administrative costs of registration.

**Students who discontinue their classes without taking steps to drop their courses will be liable for all applicable tuition and other fees.**

#### 3.4.9.1 Fee Refund Deadlines

The deadline dates for course refunds are independent of the deadline dates given for withdrawal from courses.

##### Fall Term – up to and including September 21:

Returning students – 100%\* refund (Less minimum charge of \$100 in the case of complete withdrawal.)

New students – 100%\* refund (Less registration deposit or \$100, whichever is higher)

**Fall Term – after September 21:** No refund.

##### Winter Term – up to and including January 25:

Returning students – 100%\* refund (Less minimum charge of \$100 in the case of complete withdrawal.)

New students – 100%\* refund (Less registration deposit or \$100, whichever is higher)

**Winter Term – after January 25:** No refund.

\* Including tuition fees, society and other fees, student services, athletics fee, registration and transcripts charges, and information technology charge.

### 3.4.10 Other Policies Related to Fees

#### 3.4.10.1 Overdue Accounts

All tuition and fees assessed by the University must be paid in full or arrangements must be made to settle the debt.

Students' accounts are considered **delinquent** if they are not paid in full within 60 days after the bill is issued. A financial hold will be placed on such accounts, preventing students from obtaining official academic transcripts and from accessing Minerva for any registration functions.

**Interest:** Interest is charged on overdue balances at the monthly rate of 1.24% multiplied by the balance outstanding at the end of the month (14.9% annually). The rate is evaluated each Spring, at which time it is set for the following academic year.

Students are advised to regularly verify their account balance via Minerva.

The University has no obligation to issue any transcript of record, award any diploma, or re-register a student in the case of non-payment of tuition fees, library fees, residence fees or loans on their due date.

#### Information for Registered Students

Students who have registered in a given term and who have amounts owing from previous terms must either pay their accounts or make payment arrangements with the Student Accounts Office before the end of the course add/drop period. Students in financial difficulty should first consult the Student Aid Office (Brown Student Services Building, Room 3200; 398-6013) to discuss the possibility of obtaining financial aid.

Failure to pay the previous term's fees or to make arrangements to settle the debt prior to the add/drop deadline will lead to cancellation of registration in the current and subsequent terms.

**Information for Students Who Are No Longer Registered**

The delinquent accounts of students who fail to settle their debt or reach a suitable arrangement and of students who fail to provide the Student Accounts Office with up-to-date contact information, will be referred to a collection agency. **Where neither the University nor the collection agency is able to collect on the account, the University reserves the right to have the student reported to a credit bureau.** Students should be aware that the University is entitled to use all legal means to obtain payment and that students will be responsible for all costs associated with such actions.

**Cancelling Registration for Non-Payment**

In accordance with the fee policy as stated in [section 3.4.10.1 "Overdue Accounts"](#):

The Student Accounts Office will make all reasonable efforts to notify students with a delinquent student account, and who have more than \$100 outstanding from the previous term, that their registration will be cancelled for non-payment. The cancellation will be made effective the last day of the drop/add period unless the account has been settled or payment arrangements have been made with the University by then. After the add/drop deadline, students who pay or make payment arrangements with the Student Accounts Office and who want to confirm that their registration for the current or subsequent term(s) should be re-instated must complete the [www.mcgill.ca/files/student-accounts/RequestforReinstatementForm.pdf](http://www.mcgill.ca/files/student-accounts/RequestforReinstatementForm.pdf) and submit it to the Student Accounts Office, which will forward it to Enrolment Services for approval and processing.

**3.4.10.2 Acceptance of Fees vs. Academic Standing**

Acceptance of fees by the University in no way guarantees that students will receive academic permission to pursue their studies. If it is subsequently determined that the academic standing does not permit the student to continue, all fees paid in advance will be refunded on application to the Student Accounts Office.

**3.4.10.3 Fees for Students in Two Programs**

Students in two programs normally are billed additional fees for their second program. Depending on the level of the two programs eg., one program at the undergraduate vs. one program at the graduate level, students may incur both society and faculty fees and/or additional tuition fees. Consult the student accounts website for further details.

Student in two programs may consult Enrolment Services for information on tuition fees. Adjustments to bills will be made throughout the term when fees cannot be automatically calculated.

**3.4.10.4 Québec Exchange (Inter-University Agreements)**

Students taking courses as part of the Inter-University Agreement are required to pay the fees at their home university. The Agreement, therefore, relates solely to the transfer of academic credits. International students in undergraduate programs will not normally be permitted to take IUT courses. Students taking courses as part of the Inter-University Agreement are required to pay additional course charges that are compulsory upon registration in a particular course. Such additional course charges may represent special activity charges or course materials. The University reserves the right to refuse course registrations in non government-funded activities.

**3.4.10.5 Senior Citizens**

Senior citizens aged 65 and over who require financial aid should be aware that such aid will be available for students enrolled full-time in degree programs. Students in need may contact the Scholarships and Student Aid Office for more information at (514) 398-6013.

**3.4.11 Deferred Fee Payment****3.4.11.1 Students with Sponsors**

Students whose fees will be paid by an outside agency such as the Department of Veterans Affairs, CIDA, a foreign government, or their University department (i.e., teaching assistants or demonstrators), must have written evidence to that effect. Sponsors and students alike must inform the University that a sponsorship is taking place so that the contract may be initiated and the student's fee account affected. Notification to the University should occur at least one month prior to the beginning of the term in which the contract is to take effect. Full documentation on the procedure as well as the forms required to be completed are found at [www.mcgill.ca/student-accounts/third](http://www.mcgill.ca/student-accounts/third).

When a third party has agreed to pay fees on behalf of a student, payment will be recorded on the fee account, thereby reducing the balance the student must pay. The University reserves the right to insist upon payment. **If the third party does not pay the promised fees within 90 days of invoicing, the student will be responsible for paying the fees plus the late payment fee and accrued interest.**

**3.4.11.2 Students Receiving McGill Scholarships/Awards**

**Fall Term:** McGill scholarships or awards normally are credited to the recipient's fee account by mid-August. These awards have the effect of reducing the student's outstanding balance.

**Winter Term:** Students can view upcoming Winter term scholarships or awards on Minerva once processed by the Student Aid Office. These awards are future-dated and will be released to the student's fee account by January 2.

**3.4.11.3 Students Receiving Government Aid**

Students are encouraged to pay their tuition promptly upon receipt of their government assistance. Interest on outstanding tuition is charged monthly beginning in August for returning students and in September for new students. Students who have applied for government assistance by June 30th (June 1st for US students) will be entitled to an exemption of interest and/or late payment charges effective upon receipt of their government aid award at either the Student Aid Office or the Macdonald Campus Student Services.

Students are reminded that tuition and student housing fees have first call upon financial aid received from any source.



**3.4.12 Yearly Fees and Charges by Faculty (Estimated for 2008-2009)**

Tuition fees at the undergraduate level are based on the number of credits taken. The tables reflect normal full-time course loads.

*Part-time students will be charged tuition fees at the per credit rate and will be subject to student society fees, student services fees, registration and transcripts charges, and information technology charges.*

**Note:** Any changes to fees subsequent to the publication date will be updated as they are confirmed via the Student Accounts Website [www.mcgill.ca/student-accounts](http://www.mcgill.ca/student-accounts).

**3.4.13 Faculty of Dentistry – D.M.D.**

	Year 1	Year 2	Year 3	Year 4
Average Number of credits taken each year	64.00	67.00	51.00	34.00
Tuition				
Quebec students	3,985.28	4,172.09	3,175.77	2,117.18
Out-of-province students	11,473.92	12,011.76	9,143.28	6,095.52
International students	28,526.72	29,863.91	22,732.23	15,154.82
Society Fees ( <i>Note 1</i> )	432.36	432.36	412.36	412.36
Student Services / Athletics	445.00	445.00	445.00	445.00
Registration / Transcripts & Diploma Charges	365.40	365.40	365.40	243.60
Information Technology Charge	303.30	303.30	303.30	202.20
Class Notes	730.00	0.00	0.00	0.00
Equipment Rental & Purchase	0.00	320.00	1,000.00	1,000.00
Copyright Fees	23.40	23.40	23.40	23.40
Total Fees for Quebec students	\$6,284.74	\$6,061.55	\$5,725.23	\$4,443.74
Total Fees for Out-of-province students	\$13,773.38	\$13,901.22	\$11,692.74	\$8,422.08
Total Fees for International students	\$30,739.78	\$31,666.97	\$25,195.29	\$17,394.98

*Note 1: Society fees for International students reduced by \$86.40 for the student health insurance plan*

*As of March 2008*

**3.4.14 Faculty of Medicine – M.D.,C.M.**

	Year 1	Year 2	Year 3	Year 4
Average Number of credits taken each year	70.00	47.50	51.00	28.50
Tuition				
Quebec students	4,358.90	2,957.83	3,175.77	1,774.70
Out-of-province students	12,549.60	8,515.80	9,143.28	5,109.48
International students	31,201.10	21,172.18	22,732.23	12,703.31
Society Fees ( <i>Note 1</i> )	581.86	517.86	517.86	514.11
Student Services / Athletics	445.00	445.00	445.00	445.00
Registration / Transcripts & Diploma Charges	365.40	365.40	365.40	243.60
Information Technology Charge	303.30	303.30	303.30	202.20
Equipment Rental & Purchase	0.00	0.00	0.00	0.00
Copyright Fees	23.40	23.40	23.40	23.40
Class Notes	850.00	0.00	0.00	0.00
Total Fees for Quebec students	\$6,927.86	\$4,612.79	\$4,830.73	\$3,203.01
Total Fees for Out-of-province students	\$15,118.56	\$10,170.76	\$10,798.24	\$6,537.79
Total Fees for International students	\$33,683.66	\$22,740.74	\$24,300.79	\$14,045.22

*Note 1: Society fees for International students reduced by \$86.40 for the student health insurance plan.*

*As of March 2008*

**3.4.15 School of Nursing**

**B.N. (Integrated)** - 66 credits over 2 years for students admitted from CEGEP Nursing Program

**B.Sc.(N.)** - 106 credits over 3 years; 139 credits over 4 years

The following fees are based on an average 30 credits in the Fall and Winter terms. Typically there are additional credits to be taken in the summer term which incur tuition, administrative charges and copyright fees at the per credit rate.

Society fees and the Student Services/Athletics and Recreation fee are not charged in the Summer term.

	Quebec Students	Non-Quebec Canadians	International Students
Tuition	1,868.10	5,378.40	15,420.00
Society & Other Fees	423.80	423.80	337.40
Student Services / Athletics	445.00	445.00	445.00
Registration / Transcripts & Diploma Charges	247.80	247.80	247.80
Copyright Fee	23.40	23.40	23.40
Information Technology Charge	205.80	205.80	205.80
<b>TOTAL</b>	<b>\$3,213.90</b>	<b>\$6,724.20</b>	<b>\$16,679.40</b>

*As of March 2008*

**3.4.16 School of Physical and Occupational Therapy –  
B.Sc.(Phys.Ther.), B.Sc.(Occ.Ther.)  
(based on 30 credits per year)**

	Quebec Students	Non-Quebec Canadians	International Students
Tuition	1,868.10	5,378.40	15,420.00
Society & Other Fees	415.80	415.80	329.40
Student Services / Athletics	445.00	445.00	445.00
Registration / Transcripts & Diploma Charges	247.80	247.80	247.80
Copyright Fee	23.40	23.40	23.40
Information Technology Charge	205.80	205.80	205.80
<b>TOTAL</b>	<b>\$3,205.90</b>	<b>\$6,716.20</b>	<b>\$16,671.40</b>

*As of March 2008*

**3.4.17 School of Dietetics and Human Nutrition –  
B.Sc.(Nutr.Sc.) (based on 30 credits per year)**

	Quebec Students	Non-Quebec Canadians	International Students
Tuition	1,868.10	5,378.40	15,420.00
Society & Other Fees	261.60	261.60	193.91
Student Services / Athletics	445.00	445.00	445.00
Registration / Transcripts & Diploma Charges	247.80	247.80	247.80
Copyright Fee	23.40	23.40	23.40
Information Technology Charge	205.80	205.80	205.80
<b>TOTAL</b>	<b>\$3,051.70</b>	<b>\$6,562.00</b>	<b>\$16,535.91</b>

*As of March 2008*

**3.5 Student Records****3.5.1 Academic Standing**

Students enter the University in satisfactory standing and their academic standing is determined soon after the end of a term in accordance with the regulations of their faculty. Standing codes are generated in January for the Fall term, in May for the Winter term, and in September for the Summer term. Students who are placed in unsatisfactory standing must apply to the faculty for re-admission. Consult the appropriate section of this Calendar for the Regulations on Academic Standing that apply to a particular faculty.

**3.5.2 Credit System**

The faculties listed in this Calendar use the credit system, where each course is assigned a credit rating reflecting the number of weekly contact hours. In general, a three-credit course indicates three hours of lectures per week for one term but this does not apply to all faculties. Laboratory contact hours usually count for fewer credits. Credits also reflect the amount of effort required of students and generally assume two hours of personal study for each contact hour.

The credit weight of each course is indicated in parentheses beside the course title.

**Note:** Credit for multi-term courses (courses with the suffix sets: D1, D2; N1, N2; J1, J2, J3) is granted only after successful completion of all components in the specified time frame. For example, a student would have to take D1 and D2 components in consecutive terms and successfully complete them both in order to obtain credit.

Some faculties have specific policies on course credit, so students should consult the faculties' sections of the Calendar for more information.

**3.5.3 Grading and Grade Point Averages (GPA)**

**Please note:** The following section does not apply to the School of Physical and Occupational Therapy; for more information, see [section 8.4.9 "Credit System"](#) and the School of Physical and Occupational Therapy's *Rules and Regulations for Student Evaluation and Promotion Course Guide*.

Courses can be graded either by letter grades or in percentages, but the official grade in each course is the letter grade. Effective with the Fall term of 2002, all verification forms, transcripts and other documents show only letter grades for all subsequent terms. Where appropriate, a class average will be calculated and appear on transcripts expressed as the letter grade most representative of the class performance.

Grades A through C are termed satisfactory passes, D a conditional (non-continuation) pass, and F a failure. Certain courses have been approved for Pass/Fail (P/F) grading. Students may also designate elective courses to be graded under the S/U option; consult the faculty chapters of this calendar to see if this is applicable to you.

Students must obtain grades of C or better in courses used to fulfil program requirements. Students may not register in a course for which they have not passed all the prerequisite courses with a grade of C or better, except by written permission of the Departmental Chair concerned.

Grades	Grade Points	Numerical Scale of Marks
A	4.0	85 - 100%
A-	3.7	80 - 84%
B+	3.3	75 - 79%
B	3.0	70 - 74%
B-	2.7	65 - 69%
C+	2.3	60 - 64%
C	2.0	55 - 59%
D	1.0	50 - 54%
F (Fail)	0	0 - 49%

Letter grades are assigned grade points according to the table shown above. A student's academic standing will be determined on the basis of a grade point average (GPA), which is calculated by dividing the sum of the course credit times the grade points by the total course GPA credits.

GPA credits are the credits of courses with grades that are assigned grade points.

$$\text{GPA} = \frac{\sum (\text{course credit} \times \text{grade points})}{\sum (\text{GPA course credits})}$$

The term grade point average (TGPA) will be the GPA for a given term calculated using all the applicable courses at the same level in that term. The cumulative grade point average (CGPA) will be the GPA calculated using the student's entire record of applicable courses at McGill at the same level; if the level is changed, e.g., from undergraduate to graduate, the CGPA starts again. This policy took effect January 2003. Prior to January 2003, if a student's degree program had changed, e.g., from B.Sc. to B.A., the CGPA started again. For students with academic information prior to Fall 2002, who are registered in a different program or in a different level post-Fall 2002, the transcript displays a special message regarding the CGPA restarting. If courses are repeated, all results are included in the GPA calculation. Therefore, grades of D or F continue to be used in the CGPA calculation even after the course is repeated or if a supplemental examination is taken. Students should note that credits are only granted once for a repeated course regardless of the passing grade.

### 3.5.3.1 Other Grades

- J** – unexcused absence (failed): the student is registered for a course but does not write the final examination or do other required work; calculated as a failure in the TGPA and CGPA (see note below).
- K** – incomplete; deadline extended for submission of work in a course (see section 3.5.4 “Incomplete Courses”).
- KE or K\*** – further extension granted (see section 3.5.4 “Incomplete Courses”).
- KF** – failed to meet the extended deadline for submission of work in a course; calculated as a failure in TGPA and CGPA.
- KK** – completion requirement waived. Not calculated in TGPA or CGPA.
- L** – deferred examination.
- LE or L\*** – permitted to defer examination for more than the normal period.
- NR** – no grade reported by the instructor (recorded by the Registrar).
- P** – pass; not calculated in TGPA or CGPA.
- Q** – course continued in next term (applicable only to courses taken pre-Fall 2002).
- S** – satisfactory; equivalent to C or better in an elective course; not calculated in TGPA or CGPA.
- U** – unsatisfactory; equivalent to D or F in an elective course; not calculated in TGPA or CGPA.
- W** – withdrew; a course dropped, with permission, after the Course Change deadline; not calculated in TGPA or CGPA.
- WF** – withdrew failing; a course dropped, with special permission in an exceptional case, after faculty deadline for withdrawal from course, the student's performance in the course at that stage being on the level of an F; not calculated in TGPA or CGPA. (Not used in Music.)
- WL** – faculty permission to withdraw from a deferred examination; not calculated in TGPA or CGPA.
- NA or &&** – grade not yet available.
- W-- or --** – no grade: student withdrew from the University, not calculated in TGPA or CGPA.

**Note re J grade:** All students who miss a final exam will be given a grade of J. The student will then have the following options:

- a) ask to be assigned a grade based only on the grades earned for the work submitted up to, but not including, the final exam.

The grade earned will be calculated by adding the grades obtained on the individual pieces of work and a grade of 0 for the portion of the final grade allocated to the final exam. This option is not available if the professor has stipulated in the course outline that the final exam is a required part of the evaluation;

- b) request a deferred exam, if the student has the appropriate reasons and documentation.

Students must make their request for option a) no later than four months after the end of the examination period of the original course. Requests for deferred exams (option b) must be made by the faculty deadlines as indicated in the faculty sections of this Calendar. Students wishing to appeal a J grade should write to the Associate Dean of their faculty.

### 3.5.4 Incomplete Courses

If, in the instructor's opinion, there is sufficient reason to permit a delay in the submission of required term work, an extension of the deadline after the end of the course may be granted to the student. In this case, the instructor will submit a grade of K (incomplete).

If a grade of K is submitted, the instructor will also indicate the date by which the student must complete the work. Consult the faculty sections for maximum extensions.

If the instructor submits a new grade within the deadline, both the new grade and the grade of K will appear on the student's faculty reports and verification forms. However, on the student's official transcript the new grade will replace the K.

If the required work is not completed before the deadline, a grade of KF will be updated on the student's record. A KF denotes a failed course and is calculated in the TGPA and CGPA the same as an F.

In exceptional circumstances, and with the approval of the Associate Dean (or Director, BCom Program, Desautels Faculty of Management), the deadline may be extended further, in which case the grade of KE (further extension granted) will appear. If the extended deadline is not met, a grade of KF will replace the KE. Music students who have marks of K not cleared by mid-May are ineligible for scholarships.

Students who have not, without a valid excuse, participated in or written a final examination or submitted required term work for any courses they were registered in shall be assigned a final grade of J (unexcused absence). For more information, see note regarding J grade above.

### 3.5.5 Verification of Student Record

#### 3.5.5.1 Unofficial Transcripts

Subject to section 3.5.6 “Changes to Student Records after Normal Deadlines”, students are responsible for verifying their academic record on Minerva using the unofficial transcript to ensure that they are registered in the proper courses, and that the correct program information and expected term of graduation is appearing on their record.

Graduating students must make sure to verify their record on Minerva prior to the end of term in which they are graduating to ensure that the correct expected term of graduation is indicated on their unofficial transcript; if not, the student may be overlooked for graduation. Any questions or problems with their record should be directed to the Student Affairs Office.

### 3.5.6 Changes to Student Records after Normal Deadlines

#### 3.5.6.1 Student Record Changes

Student record changes include the following: course add or course drop, course withdrawal, university withdrawal, program change (including changing minors or concentrations).

### 3.5.6.2 Registrar Deadlines

Fall term - January 31  
Winter term - June 1  
Summer term - October 1

### 3.5.6.3 Before Registrar Deadlines

For record changes after the normal deadlines published in the calendar, but before the Registrar deadlines above, the student must make a request in writing to the Associate Dean of their faculty (or Director, BCom Program, Desautels Faculty of Management), clearly explaining the reasons why the change could not have been requested prior to these dates. The Associate Dean will then review the request and render a decision. If permitted, the change will then be processed according to existing faculty and Enrolment Services student record procedures.

### 3.5.6.4 After Registrar Deadlines

A change that is requested after the Registrar deadlines above will not normally be considered. In situations where there are "extraordinary personal" or "extraordinary academic" circumstances that could not have been foreseen prior to these deadlines, students may formally request a student record change from the Associate Dean of the faculty (or Director, BCom Program, Desautels Faculty of Management). If the Associate Dean of the faculty approves the request, the change will then be processed according to faculty and Enrolment Services student record procedures. For all changes other than grade changes, full documentation supporting extraordinary circumstances will be filed by the faculty with Enrolment Services.

### 3.5.6.5 Fee Assessment Consequences

When a change to the student record is made, the revised fee assessment will be reflected on the next fee statement.

If a student wishes to contest the fee assessment, he or she must make a request in writing to Enrolment Services. ES, upon reviewing the extraordinary circumstances described in the supporting documentation provided by the faculty, and upon consultation with the Student Accounts Office if necessary, will decide whether or not to consider the request and will advise the student in writing of the outcome.

### 3.5.6.6 Student's Citizenship and/or Immigration or Fee Exemption Status

Changes related to student's citizenship and/or immigration or fee exemption status are not handled by the Faculty and are dealt with in [section 3.2.3, "Legal Documents"](#).

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## 3.5.7 Transcript of Academic Record

### 3.5.7.1 Unofficial Transcripts

Students who require a copy of their student record can view and print their own unofficial transcript by accessing Minerva. This applies to records from 1976 to present. For pre-1976 records, an official transcript must be ordered.

### 3.5.7.2 Official Transcripts

Official transcripts can be ordered on-line via **Minerva** by going to Student Menu->Student Records Menu->Request Printed/Official Transcript. Students who cannot access Minerva should fill out the "Request for Release of Official Document" form available on-line at [www.mcgill.ca/student-records/transcripts](http://www.mcgill.ca/student-records/transcripts) or in person at Enrolment Services at the address below. Transcript requests may be submitted by mail, by fax, or in person but must be signed by the student. To protect privacy, we do not accept telephone or e-mail requests.

Enrolment Services  
James Administration Building  
845 Sherbrooke Street West, Room 205  
Montreal, Quebec H3A 2T5  
Fax: (514) 398-8939

### 3.5.7.3 General Information

Transcripts are free of charge.

Official transcripts are sent directly to the addresses provided by the student. Official transcripts in sealed envelopes can be given to those requesting them.

Requests are processed in 3 to 5 working days, somewhat longer for pre-1976 records and at peak times.

Enrolment Services is not responsible for transcripts that are lost or delayed in the mail.

The University will issue only complete transcripts recording all work attempted and results obtained in any and all programs. In no circumstances will partial transcripts be issued.

Official transcripts will NOT be issued for students registered on or after September 2001 who have failed to provide the information and/or documents necessary to obtain or verify their Permanent Code.

Transcripts will not be issued if you owe fees or fines over \$30.

Official transcripts are produced on secure paper that cannot be copied.

### 3.5.7.4 Course Numbering on the Transcript

Prior to September 2002, course numbers had a seven-character designation beginning with the three-number code for the teaching unit/department. The next three digits specified the course, with the first of these indicating its level. The final character was a letter indicating the term, or terms, during which the course was offered. For example:

107-200A = Philosophy (107) course (200) in Fall term (A);  
301-202B = Architecture (301) course (202) in Winter term (B);  
154-230D = Economics (154) course (230) extending for two terms, Fall and Winter (D).

A list of the former Teaching Unit Codes and their Subject Code equivalents is available on the Web at

[www.mcgill.ca/student-records/transcripts](http://www.mcgill.ca/student-records/transcripts).

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## 3.6 Examinations

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### 3.6.1 Examinations – General Information

In addition to the general policies listed here, students should consult the faculty sections of this Calendar for particular regulations. Students will be informed by the end of the change of course period of the evaluation method to be used in each course.

Every student has a right to write term papers, examinations and theses in English or in French except in courses where knowledge of a language is one of the objectives of the course.

Students will not be permitted to write an examination in any course unless they have fulfilled the requirements of the course to the satisfaction of the instructor and the Associate Dean (or Director, BCom Program, Desautels Faculty of Management). Once students have presented themselves for an examination or test, they must submit all written work to the invigilator before leaving.

Students writing examinations must have with them their valid McGill student ID card. Forgetfulness cannot be considered an acceptable excuse.

**Students are reminded that cheating in any examination is considered a serious offence which could lead to expulsion from the University. Students are not permitted to have in their possession, or to use, any unauthorized materials during an examination. This includes electronic devices such as cellphones, iPods, MP3 players, PDA's and other web-access devices. Unauthorized items found on the student or desk area during an exam will be confiscated and turned over to the Disciplinary Officer.**



Responses on multiple choice examinations are normally checked by the Exam Security Computer Monitoring Program. The program detects pairs of students with unusually similar answer patterns on multiple-choice examinations. Data generated by the program can be used as admissible evidence either to initiate or corroborate an investigation or a charge of cheating under Section 16 of the Code of Student Conduct and Disciplinary Procedures.

All students are responsible for knowing the University Examination Regulations and the Code of Student Conduct and Disciplinary Procedures. The former are normally posted during the examination period and are available at the following Website: [www.mcgill.ca/student-records/exam/regulations](http://www.mcgill.ca/student-records/exam/regulations). Both may be obtained from the Office of the Associate Dean (or Student Affairs Office, BCom Program, Desautels Faculty of Management).

Information about issues related to academic integrity can be found at [www.mcgill.ca/integrity](http://www.mcgill.ca/integrity).

### Class Tests

Members of the teaching staff may from time to time give interim class tests if they think them necessary.

### Special Facilities

Students with visual or other disabilities should consult the Coordinator, Office for Students with Disabilities, Brown Building, about the possibility of special examination facilities.

### Credit by Examination

In certain exceptional cases and in certain faculties, students may apply to the Associate Dean (or Director, BCom Program, Desautels Faculty of Management) to write a final examination in order to obtain credit in a course for which they were not registered. This is possible only in those courses where there is no other assessment except the final examination.

## 3.6.2 Final Examinations

Formal final examinations are held during an examination period following the term in which the course is given. The dates of the examination periods are listed in the Calendar of Dates. **Students are warned not to make travel arrangements to leave Montreal prior to the scheduled end of any examination period.** In some courses there is no final examination; standing in these courses is determined on the basis of term work and class tests.

### 3.6.2.1 University Regulations Concerning Final Examinations

#### Preamble

The objectives of these regulations are as follows:

- 1) to protect students from excessive workloads;
- 2) to use the full 15-week term to maximum advantage.

#### Regulations

1. These regulations shall apply to undergraduate courses up to and including the 500 level that are evaluated by the use of written examinations. They shall not apply to clinical, field, laboratory, performance, and seminar courses, or to other courses that are evaluated solely by means of a design, paper, program, or project.
2. Written examinations (including take-home examinations) shall not be held during the last two weeks of scheduled classes during the Fall and Winter terms, except where a pattern of continuous evaluation has been established, in which case the total value of examinations given in this period shall comprise no more than 10% of the final mark.
3. If the written examinations in a course constitute 50% or more of the final mark, one of these shall be given as a final written examination; and it shall take place during the examination period after the last day of scheduled lectures in December or April.
4. A final examination given during the examination period shall be worth at least 25% of the final mark.

5. Students shall be informed of all course requirements by the end of the course change period. All term work shall be assigned early enough in the term for students to complete the assignment(s) by the last day of class.
6. The due date for term work in courses to which these regulations apply shall be no later than the last day of classes.
7. In courses that span the Fall and Winter terms (course pairs with numbers ending D1 and D2), instructors who wish to give a mid-year examination in December must schedule it in the formal examination period.
8. The principles enunciated in these regulations shall be applied, appropriately modified, to courses given during the summer, to other courses of less than a 13-week duration, and to courses in the Faculties of Law, Medicine, Dentistry, and Education that do not follow the normal University Timetable.
9. Individual faculties may propose variations in these regulations to the Academic Policy and Planning Committee in order to meet their special needs.
10. These regulations, and any variations to them, shall be made known to students by each faculty.

**Instructors are not permitted to grant any special treatment regarding examinations to any student.** Students who believe there are circumstances which might justify making special examination arrangements for them or which might legitimately be taken into account in evaluating their performance should apply to the Associate Dean of their faculty (or Director, BCom Program, Desautels Faculty of Management).

**It is the responsibility of the student to confirm the date, time and place of the examination by checking examination schedules posted on notice boards on campus and on the Web at [www.mcgill.ca/students](http://www.mcgill.ca/students).** This information is not available by telephone. No student will be allowed to enter an examination later than one hour after it has started.

### 3.6.2.2 Reassessments and Rereads

In accordance with the Charter of Student Rights, and subject to the conditions stated therein, students have the right to consult any written submission for which they have received a mark and the right to discuss this submission with the examiner. If, after such discussion, students want to have a formal final examination reread, they must apply in writing to the Student Affairs Office (the Department Chair in Music and the Associate Dean Students Affairs in the Faculty of Agricultural and Environmental Sciences). Students should check with that office regarding application deadlines for formal rereads.

For more detailed regulations concerning reassessments and rereads, students should consult their faculty section in the appropriate University Calendar.

## 3.6.3 Invigilation (Exams from Other Universities)

Upon request, McGill will offer an invigilation service enabling students to write exams given by other universities. Exams must be scheduled on weekdays at 9:30 a.m., and cannot be scheduled on evenings, weekends, statutory holidays, McGill holidays, or Fridays during the months of July and August.

#### The Cost

The cost for invigilation and administration is \$50 per student per exam plus \$10 for courier charges to Canada and \$20 to the USA and \$30 courier charges to overseas.

The home university should confirm in advance of the exam date if it is paying; otherwise, the student will be charged.

#### Setting Up

Please confirm the exam date and time well in advance of the scheduled exam and also provide your phone number and e-mail address.

Exams and examination booklets, along with full instructions, should be sent to this address well in advance of the scheduled exam:

Enrolment Services  
James Administration Building, Room 205  
McGill University  
845 Sherbrooke St. West  
Montreal, Quebec H3A 2T5  
Telephone: (514) 398-2207  
Fax: (514) 398-5544  
E-mail: [proctor.es@mcgill.ca](mailto:proctor.es@mcgill.ca)

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## 3.7 Scholarships and Student Aid

The Scholarships and Student Aid Office offers a complete range of merit and need-based awards for entering and in-course undergraduate students. As well, the office administers all federal, provincial and US government student aid programs. For information and links to government Websites, please consult [www.mcgill.ca/studentaid](http://www.mcgill.ca/studentaid). Comprehensive information concerning all undergraduate awards is also contained in the Undergraduate Scholarships and Awards Calendar available on the Web at [www.mcgill.ca/courses](http://www.mcgill.ca/courses) or from the Scholarships and Student Aid Office.

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### 3.7.1 Entrance Awards for McGill Students

**Undergraduate Entrance Scholarships** are available to students entering McGill University in the first year of their first undergraduate degree program. Students should consult [www.mcgill.ca/studentaid/scholarships/entrance](http://www.mcgill.ca/studentaid/scholarships/entrance) for details, the highlights of which include:

- Entrance Scholarships are entirely merit-based and financial need is not considered
- Value ranges from \$3,000 to \$10,000
- There are two types: the One-Year **Basic**, whereby eligibility is based solely on academic achievement, and the renewable **Major**, based on academic achievement as well as leadership qualities in school and/or community activities
- Application Procedures:
  - **Basic**: by applying to McGill, all eligible applicants are automatically considered. No separate application is required.
  - **Major**: candidates will be able to apply for a Major Scholarship on the Web after their application for admission has been submitted and they have received an e-mail acknowledgment
- Students must ensure that they have sent in all required supporting documentation
- Applicants to Dentistry, Law, Medicine and Music must inquire at their respective faculty's admissions office regarding availability of awards
- For complete information and regulations for Entrance Scholarship recipients, please visit [www.mcgill.ca/studentaid/scholarships/recipients](http://www.mcgill.ca/studentaid/scholarships/recipients).

**Need Based Entrance Financial Aid:** This program offers financial aid to students from families of modest means who require assistance to enable them to attend McGill. Upon acceptance to the University, first year, first degree students may apply for an entrance bursary on Minerva. The value of the entrance bursary depends on the degree of need of the student. Since financial need is the primary criterion in the selection of award recipients, it is expected that applicants of this program will

apply to the government student aid programs for which they may be eligible.

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### 3.7.2 In-Course Awards for McGill Students

**Faculty scholarships and awards** are decided by the individual Faculty Scholarships Committees, and students should consult the appropriate section of this Calendar for regulations and information concerning these awards, or the Undergraduate Scholarships and Awards Calendar, or the following Website: [www.mcgill.ca/studentaid/scholarships/in-course](http://www.mcgill.ca/studentaid/scholarships/in-course).

- Most undergraduate scholarships and awards are granted on the basis of the combined GPA for the Fall and Winter terms, or a ranking in the top 5% of the Faculty. Applications are not required unless specifically indicated in the terms of an award.
- To be considered for in-course awards and/or the renewal of entrance scholarships, students must complete at least 27 graded credits in the regular academic year exclusive of courses completed under the Satisfactory/Unsatisfactory option. Summer courses are not considered.
- Courses taken at other Quebec universities through the Inter-University Transfer (IUT) Agreement, to a maximum of 6 credits, may be counted towards the requirements for scholarship renewal or for consideration for other academic awards. Eligibility will be based on all courses taken during the regular academic year and on both the McGill GPA as well as the global GPA, which will include the IUT credits.
- Students should inform themselves of all regulations regarding in-course awards by consulting [www.mcgill.ca/studentaid/scholarships/in-course/regulations](http://www.mcgill.ca/studentaid/scholarships/in-course/regulations).
- A maximum of the top 10% of the students in each faculty based on the combined GPA for the fall and winter terms are named to the Dean's Honour List. This designation, while carrying no monetary reward, is an official University recognition of the student's achievements and is recorded on the transcript.
- Outstanding students, who rank in a maximum of the top 5% of their faculties, may also be considered for the J.W. McConnell and James McGill Awards, which are made by the University Committee on Scholarships and Student Aid to top students as ranked and recommended by each faculty.
- All awards, with the exception of prizes, are credited to the tuition fee accounts of students for the following academic year
- Students holding renewable scholarships granted by the University Committee on Scholarships and Student Aid will be eligible for renewal only if they meet the McGill standards for renewal.

**Need Based Student Aid:** The University offers a program of In-Course Financial Aid to full-time undergraduate degree students on the basis of demonstrated financial need. Need-based financial aid for in-course students includes bursaries, short and long term loans, a Work Study Program, and a Travel Award Program for exchanges/study abroad. In order to be considered for McGill Financial Aid, it is recommended that all applicants apply for the maximum government student assistance program for which they are eligible. The Scholarships & Student Aid Office oversees all provincial, federal and US student aid programs and disburses government funds.

Student Aid Counsellors are available for consultation on an individual basis to provide advice on budgeting and debt management, and to award financial assistance to needy and deserving students.

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### 3.7.3 Work Study Program

The Work Study Program provides students with financial assistance through part-time employment on campus. Acceptance to the program is based primarily on financial need. Academic standing is also considered. Work Study positions are varied ranging from clerical work in an administrative office to research with a



professor. In addition to helping students cope with their financial obligations, Work Study also provides practical work experience which may enhance future employment opportunities.

Further information is available on McGill's Work Study Website at: [www.is.mcgill.ca/studentaid/workstudy](http://www.is.mcgill.ca/studentaid/workstudy).

For more information:

Scholarships and Student Aid Office  
William & Mary Brown Student Services Building  
3600 McTavish Street, Suite 3200  
Montreal, QC H3A 1Y2 Canada

#### Student Aid

Telephone: (514) 398-6013  
E-mail: [student.aid@mcgill.ca](mailto:student.aid@mcgill.ca)  
[www.mcgill.ca/studentaid](http://www.mcgill.ca/studentaid)

#### Scholarships

Scholarships: (514) 398-4807  
E-mail: [scholarships@mcgill.ca](mailto:scholarships@mcgill.ca)  
Website: [www.mcgill.ca/scholarships](http://www.mcgill.ca/scholarships)

## 3.8 Graduation

In order to graduate, a student must complete faculty and program requirements. **It is the student's responsibility to ensure that all faculty requirements are met before graduation.** All students should contact their advisers (Senior Student Adviser, in Music) early in the graduating year with any questions as to whether they will meet the necessary program requirements by graduation time.

### 3.8.1 Apply to Graduate

**Most undergraduate students and non-thesis graduate students (master's, certificates, diplomas) must use Minerva to apply to graduate. It is your responsibility to inform us of your intention to graduate.** A student must complete a minimum residency requirement of 60 credits at McGill in order to qualify for a McGill degree. The minimum CGPA required to graduate is 2.00.

#### Deadlines:

- Students who intend to graduate at the end of the fall term (courses completed December for June convocation) must apply on Minerva by the end of November.
- Students who intend to graduate at the end of the winter term (courses completed April for June convocation) must apply on Minerva by February.
- Students who intend to graduate at the end of the summer term (courses completed by August for October convocation) must apply on Minerva by March.

Students who have missed these deadlines must contact their Faculty Student Affairs Office immediately.

The Application for Graduation is available on Minerva for students who have registered for their final year, **except** for students in the Faculties of Medicine and Dentistry who are automatically flagged for graduation in their final year. For more information on how to apply on Minerva, go to [www.mcgill.ca/minerva-students/records/graduation](http://www.mcgill.ca/minerva-students/records/graduation).

### 3.8.2 Graduation Approval Query

Graduating students may view the status of their graduation record on Minerva as part of the Faculty review and approval process. The menu option called "Student Graduation Query" is accessed via the Student Records menu option on Minerva, and becomes available to graduating students approximately 3-4 weeks before the "degree granted" notation is updated on their records.

If all requirements for graduation are met, the student's record on Minerva will be updated with the "degree granted" notation at the appropriate time:

- late February, if term of graduation is Fall

(Convocation in Spring)

- late May, if term of graduation is Winter

(Convocation in Spring)

- late October, if term of graduation is Summer

(Convocation in Fall)

**Note:** Information regarding the Convocation ceremonies can be obtained on the McGill Website at [www.mcgill.ca/convocations](http://www.mcgill.ca/convocations).

### 3.8.3 Replacement Diploma

There are several instances when students might request a replacement diploma: if your diploma was lost, damaged, or if the name on the diploma should be changed. Students must make a request in writing and should also include a certified cheque or money order for the amount of CDN \$60 made payable to McGill University. Students should refer to the sections below to determine which situation applies to them. All requests should be sent to:

Enrolment Services  
Duplicate Diploma Request  
McGill University  
James Administration Building, Room 205  
Montreal QC H3A 2T5  
E-mail: [registration@mcgill.ca](mailto:registration@mcgill.ca)

Please note that requests made on behalf of a student must be accompanied by a signed letter of authorization from the student.

**To replace a lost diploma:** Students must provide a sworn affidavit from a notary, a lawyer or a commissioner of oaths certifying that the diploma is lost. The affidavit should include: full name; student number; address; phone number; date of birth; degree granted/year granted; reason for a replacement diploma.

**To replace a damaged diploma or change the name on the diploma:** Students must send or deliver the original diploma. Include clear and complete photocopies of legal documents supporting the name change. Please refer to [section 3.2.5, "Name"](#) for the list of acceptable documents. Please note that the name change must be processed in the system before a duplicate diploma can be issued. Students must enclose a letter containing the following important information: full name; student number; address; phone number; date of birth; reason for a replacement diploma; new spelling/grammar changes.

## 3.9 Professional and Graduate Studies

Students intending to proceed into Dentistry, Law or Medicine should consult the faculties concerned about their prerequisites for admission.

### 3.9.1 Language Requirements for Professions

Quebec law requires that candidates seeking admission to provincially recognized professional corporations\* must possess a working knowledge of the French language, that is, be able to communicate verbally and in writing in that language.

To demonstrate this capability, candidates will be required to pass an examination set by the Office de la langue française, unless they can show that three years of full-time instruction in a French post-primary school have been completed. Candidates who have completed their secondary education in Quebec in 1986 or later and have received their certificate from secondary school are exempt from writing the examination. The professional corporation will require this certificate, proof of attendance or of successful completion of the Office examination.

The examination may be attempted by registered students during the two years prior to the date they receive a degree giving access to a professional corporation. Application forms for sitting the exam while still a student may be obtained from Enrolment Services. Priority will be given to those closest to graduation.

Examinations take place every three months and may be attempted an unlimited number of times.

More information may be obtained from the Office de la langue française, 125 Sherbrooke Street West, Montréal, Québec, H2X 1X4. Telephone: (514) 873-6565.

Students who need to acquire a functional level of proficiency in French may take courses from either the English and French Language Centre, Faculty of Arts, or the Centre for Continuing Education, 688 Sherbrooke Street West, telephone (514) 398-6200.

Students already proficient in French but who wish to keep up practice might consider courses in the Department of French Language and Literature, Faculty of Arts.

**Note:** Non-credit language courses, and in some cases credit language courses, completed at the Centre for Continuing Education may not be applied to program/degree requirements. Consult your Faculty for clarification.

\* McGill degrees and diplomas currently give access to corporations regulating the activities of the following professional groups:

Agrologists	Lawyers
Architects	Licensed General Accountants
Chartered Accountants	Nurses
Chartered Appraisers	Occupational Therapists
Chemists	Physicians
Dentists	Physiotherapists
Dietitians	Psychologists
Engineers	Social Workers
Geologists	Speech Therapists and Audiologists
Industrial Administration Accountants	Urbanists
Industrial Relations Counsellors	Vocational Guidance Counsellors

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### 3.9.2 Graduate Studies

Please note that students who intend to pursue graduate studies at McGill are not automatically admitted. Further information is available at [www.mcgill.ca/applying/graduate](http://www.mcgill.ca/applying/graduate), and in the Graduate and Postdoctoral Studies Calendar also available on the Web at [www.mcgill.ca/courses](http://www.mcgill.ca/courses).

Additional information regarding postgraduate awards is available at [www.mcgill.ca/gps](http://www.mcgill.ca/gps), or from the Graduate and Postdoctoral Studies Office, James Administration Building, Room 400, 845 Sherbrooke Street West, Montreal, QC H3A 2T5.

Inquiries about graduate assistantships should be directed to the individual departments.

## 4 Services and Support

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### 4.1 Student Services

#### 4.1.1 Office of the Dean of Students

William and Mary Brown Student Services Building  
3600 McTavish Street, Suite 4100  
Montreal, QC H3A 1Y2

Telephone:

Dean/Associate Dean: (514) 398-4990

E-mail: [deanofstudents@mcgill.ca](mailto:deanofstudents@mcgill.ca)

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

The Dean and the Associate Dean of Students coordinate and promote initiatives concerned with important aspects of the student experience, such as advising, academic integrity, student discipline, student recognition programs, and outreach to families, the McGill community and the broader local community.

#### 4.1.2 Office of the Executive Director, Services for Students

William and Mary Brown Student Services Building  
3600 McTavish Street, Suite 4100  
Montreal, QC H3A 1Y2

Telephone:

General Information: (514) 398-3825

Website: [www.mcgill.ca/student-services](http://www.mcgill.ca/student-services)

The Executive Director, Services for Students (EDSS), coordinates all student services at McGill to help promote student

success and well-being. The EDSS is available to provide assistance and/or information on almost all aspects of non-academic student life. Concerns of an academic nature will be directed to the proper individual, office or department.

#### 4.1.3 Student Services – Downtown Campus

Unless otherwise indicated, all Student Services on the Downtown Campus are located in the William and Mary Brown Student Services Building, 3600 McTavish Street, Montreal, Quebec, H3A 1Y2.

A list of services available is given below. For further information refer to the Student Services Website:

[www.mcgill.ca/student-services](http://www.mcgill.ca/student-services) or the address indicated above.

##### Student Services

General Information: (514) 398-8238

Website: [www.mcgill.ca/student-services](http://www.mcgill.ca/student-services)

**Career and Placement Service (CAPS):** provides a range of services to McGill students, and recent graduates, in the field of student and graduate employment.

Brown Student Services Building, Suite 2200  
(514) 398-3304

E-mail: [careers.caps@mcgill.ca](mailto:careers.caps@mcgill.ca)

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

**Chaplaincy Service:** concerned with the spiritual and mental well-being of all students.

Brown Student Services Building, Suite 4400  
(514) 398-4104

E-mail: [chaplaincy@mcgill.ca](mailto:chaplaincy@mcgill.ca)

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

**Counselling Service:** assists with personal, social, and emotional problems as well as vocational and academic concerns.

Brown Student Services Building, Suite 4200  
(514) 398-3601

E-mail: [counselling.service@mcgill.ca](mailto:counselling.service@mcgill.ca)

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

**First Peoples' House:** fosters a sense of community for Aboriginal students studying at McGill.

3505 Peel Street

(514) 398-3217

E-mail: [firstpeopleshouse@mcgill.ca](mailto:firstpeopleshouse@mcgill.ca)

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

**First-Year Office:** helps ease the transition of all students new to McGill. Coordinates "Discover McGill", a one-day, campus-wide University and faculty orientation.

Brown Student Services Building, Suite 2100  
(514) 398-6913

E-mail: [firstyear@mcgill.ca](mailto:firstyear@mcgill.ca)

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

**Health Services and Dental Clinic:** provides access to experienced physicians, nurses and health educators who offer health services and information in a confidential atmosphere. Also operates a laboratory offering a wide array of testing, and a dental clinic.

Brown Student Services Building, Suite 3300  
(514) 398-6017

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

**International Student Services:** offers support to international students on non-academic matters (immigration, health insurance, etc.), runs a Buddy Program and an orientation program.

Brown Student Services Building, Suite 3215  
(514) 398-4349

E-mail: [international.students@mcgill.ca](mailto:international.students@mcgill.ca)

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

**Mental Health Service:** a psychiatric clinic which offers easily accessible treatment for mental health problems.

Brown Student Services Building, Suite 5500  
(514) 398-6019  
Website: [www.mcgill.ca/mentalhealth](http://www.mcgill.ca/mentalhealth)

**Scholarships and Student (Financial) Aid Office:** provides assistance in the form of loans, bursaries, and work study programs to students requiring financial aid.

Brown Student Services Building, Suite 3200  
(514) 398-6013/6014  
(514) 398-4807 (Scholarships)  
E-mail: [student.aid@mcgill.ca](mailto:student.aid@mcgill.ca)  
Website: [www.mcgill.ca/studentaid](http://www.mcgill.ca/studentaid)

**Student Housing (Off-Campus):** maintains computerized lists of available off-campus student housing.

Student Housing Office, 3641 University Street  
(514) 398-6010  
E-mail: [offcampus.housing@mcgill.ca](mailto:offcampus.housing@mcgill.ca)  
Website: [www.mcgill.ca/offcampus](http://www.mcgill.ca/offcampus)

**Residences:** offers accommodation for approximately 2,400 students. See **Facilities, section 4.5**, for more information.

Student Housing Office  
(514) 398-6368  
E-mail: [housing.residences@mcgill.ca](mailto:housing.residences@mcgill.ca)  
Website: [www.mcgill.ca/residences](http://www.mcgill.ca/residences)

**Office for Students with Disabilities:** coordinates services to meet the special needs of students with disabilities.

Brown Student Services Building, Suite 3100  
(514) 398-6009  
TDD: (514) 398-8198  
E-mail: [disabilities.students@mcgill.ca](mailto:disabilities.students@mcgill.ca)  
Website: [www.mcgill.ca/osd](http://www.mcgill.ca/osd)

**Tutorial Service:** sponsors an extensive tutorial program for students.

Brown Student Services Building, Suite 4200  
(514) 398-6011  
E-mail: [tutoring.service@mcgill.ca](mailto:tutoring.service@mcgill.ca)  
Website: [www.mcgill.ca/tutoring](http://www.mcgill.ca/tutoring)

#### 4.1.4 Student Services – Macdonald Campus

While students who study on the Macdonald Campus may make full use of all Student Services available at McGill, the Office of the Executive Director of Services for Students offers students direct access to the services listed below.

Further information can be found on the Web at [www.mcgill.ca/macdonald-studentservices](http://www.mcgill.ca/macdonald-studentservices) and the Student Services Website, [www.mcgill.ca/studentervices](http://www.mcgill.ca/studentervices).

Unless otherwise indicated, Macdonald Campus services are located in the Centennial Centre, Room CC1-124, 21,111 Lakeshore Road.

Telephone: (514) 398-7992 Fax: (514) 398-7610  
E-mail: [stuserv.macdonald@mcgill.ca](mailto:stuserv.macdonald@mcgill.ca)

**Career and Placement Service (CAPS):** provides a range of services to McGill students, and recent graduates, in the field of student and graduate employment.

Telephone: (514) 398-7582  
Website: [www.caps.mcgill.ca/macdonald](http://www.caps.mcgill.ca/macdonald)

**Counselling Services:** A professional counsellor is available three times a week offering counselling for personal, social and emotional concerns as well as for academic and vocational concerns. Appointments are required.

Telephone: (514) 398-7992

**Health Service:** A referral service is available Monday through Friday. A nurse/health educator is on campus Mondays, Tuesdays and Wednesdays and a physician may be seen by appointment on

specified dates.  
Telephone: (514) 398-7565

**Off-Campus Housing:** maintains computerized lists of available off-campus student housing.

Website: [www.mcgill.ca/offcampus](http://www.mcgill.ca/offcampus)  
Telephone: (514) 398-7992

**Student (Financial) Aid Office:** Information about government aid, McGill loans and bursaries, and the Work Study Program can be obtained at the Centennial Centre. During the academic year (September to April) an Administrator visits the campus every Wednesday to help students with financial problems.

Telephone: (514) 398-7992

#### 4.1.5 Extra-Curricular Activities

There are over 250 activities and clubs which students may join. These include international clubs; religious groups; political clubs; fraternities; communications groups such as Radio McGill, the *McGill Tribune*, and the *McGill Daily*; and some 50 miscellaneous groups (e.g., science clubs; literary, theatrical and musical societies; a chess club; and the McGill Outing Club).

The University Centre, 3480 McTavish Street, provides club rooms for these activities in a four-storey building with cafeterias, a ballroom, lounges and an experimental theatre. Activities for graduate students are centred in David Thompson House at 3650 McTavish Street. On the Macdonald Campus, facilities are located in the Centennial Centre (refer to FAES section).

#### 4.1.6 Ombudsperson for Students

The position of Ombudsperson for Students is filled on a half-time basis by an academic staff member. The Ombudsperson receives complaints from students and assists in the resolution of those complaints through informal means including information, advice, intervention, and referrals with a view to avoiding the more formal grievance procedures that already exist in the University.

The Office of the Ombudsperson is a confidential, independent, and neutral dispute resolution service for all members of the student community. Please call (514) 398-7059 for an appointment. Office of the Ombudsperson, Brown Building, Room 5202  
Website: [www.mcgill.ca/ombudsperson](http://www.mcgill.ca/ombudsperson).

#### 4.1.7 Bookstore

The McGill University Bookstore stocks new and used textbooks, a full range of books for the academic and professional community, stationery supplies, and McGill insignia clothing and gift items.

3420 McTavish Street Telephone: (514) 398-7444  
Website: [www.mcgill.ca/bookstore](http://www.mcgill.ca/bookstore)

Macdonald Bookstore  
Centennial Centre Telephone: (514) 398-8300  
Website: [www.mcss.mcgill.ca/bookstore.html](http://www.mcss.mcgill.ca/bookstore.html)

#### 4.1.8 Computer Store

The McGill Computer Store, located on the second floor of the University Bookstore, sells a full range of PC, Macintosh and Unix hardware, computer software and consumer electronics at educational prices.

3420 McTavish Street Telephone: (514) 398-5025  
Website: [www.mcs.mcgill.ca](http://www.mcs.mcgill.ca) [sales.mcs@mcgill.ca](mailto:sales.mcs@mcgill.ca)

#### 4.1.9 Day Care

The McGill Childcare Centre is an independently run centre which can accommodate approximately 100 children, ranging in age from 4 months to 5 years. As placements are limited, especially for certain age groups, early application is suggested.

The Centre is located at:

3491 Peel Street, Montreal, QC H3A 1W7  
Telephone: (514) 398-6943

A Campus Day Care Centre, located adjacent to the Macdonald Campus, is an independently run centre which can accommodate approximately 60 children, ranging in age from 4 months to 5 years. In addition, 50 children can be accommodated in Home Day Care within the neighbourhood. Preference is given to the Campus community. Early application is recommended. The Centre is located at:

1 Maple Avenue, Ste. Anne de Bellevue H9X 2E3  
Telephone: (514) 398-7951

For Home Day Care information:  
Telephone: (514) 457-7953

## 4.2 Athletics

### Downtown Campus

**Athletics:** offers programs in recreational, intercollegiate, instructional, intramural and sports clubs.

Athletics Complex, 475 Pine Avenue West (514) 398-7000  
E-mail: [athletics@mcgill.ca](mailto:athletics@mcgill.ca)  
Website: [www.athletics.mcgill.ca](http://www.athletics.mcgill.ca)

### Macdonald Campus

**Athletics:** Athletics offices are located in the Stewart Athletic Complex, just west of the Centennial Centre. Available at no charge to Macdonald students is a wide selection of activities, as well as the use of an excellent array of equipment. Facilities include a gymnasium, pool, weight room (with monitors on hand four evenings per week), arena, tennis courts, playing fields and large expanses of green space.

In addition to providing many open times for your enjoyment, there are also instructional, recreational, intramural and intercollegiate activities. There are nominal fees for instructional courses. Stewart Athletic Complex (514) 398-7789  
Website: [www.agrenv.mcgill.ca/society/athletic](http://www.agrenv.mcgill.ca/society/athletic)

## 4.3 For your Information Technology (IT) needs

The **IT at McGill** Website, [www.mcgill.ca/it](http://www.mcgill.ca/it), is your one-stop access point for Information Technology resources at McGill.

Visit the **IT at McGill** website to:

- Get resources, references and links to central IT services at McGill,
- Search the McGill IT Knowledge Base,
- View online video presentations,
- Contact the ICS Service Desk for IT help,
- View IT announcements,
- Find useful tips on keeping your equipment secure and running smoothly.

The following are some of the basic IT services, to get you started.

### 4.3.1 Logging In

You need to use your **McGill Username** (usually in the form of [firstname.lastname@mail.mcgill.ca](mailto:firstname.lastname@mail.mcgill.ca)) and **McGill Password** to access many central IT services including: the myMcGill portal, myCourses, E-mail, wireless, Virtual Private Network (VPN), and McGill's dialup access service (DAS).

To find out your McGill Username and set your McGill Password:  
1) Log in to Minerva (using your 9-digit McGill ID number and your PIN).

- 2) Go to the Personal Menu and click "Password for McGill Username".
- 3) Follow the onscreen instructions.

### 4.3.2 myMcGill

The myMcGill Web portal is the central access point, where you will go to:

- Read your E-mail,
- Check myCourses,
- View and update your student records and account information, with direct links to Minerva,
- Search the McGill Library Catalogue,
- Keep abreast of the latest McGill news,
- And more.

Click **myMcGill** at the top right of any McGill Website ([www.mcgill.ca](http://www.mcgill.ca)) and sign in using your McGill Username and McGill Password.

#### 4.3.2.1 Browser compatibility

The myMcGill portal currently supports the latest versions of following browsers:

- IE (Windows)
- Firefox (Mozilla) (Windows/Mac)
- Netscape (Windows)

### 4.3.3 myCourses

Many of your courses will have online materials or activities such as assignments and readings, the syllabus, project guidelines, discussion forums, calendars, etc.

Access your online course content via myCourses at [www.mcgill.ca/mycourses](http://www.mcgill.ca/mycourses) or through the myMcGill Web portal.

- Sign in using your McGill Username and McGill Password.
- Click myCourses (WebCT Vista) to enter the site.
- Verify your browser settings using the Check Browser utility at the top right corner of the page.

Find more information on myCourses at [www.mcgill.ca/it](http://www.mcgill.ca/it) under "Teaching and Learning".

### 4.3.4 E-mail

Your McGill E-mail Address (usually in the form of [firstname.lastname@mail.mcgill.ca](mailto:firstname.lastname@mail.mcgill.ca)) is the official way the University communicates with you by E-mail. Please read the Student E-mail Policy at [www.mcgill.ca/email-policy](http://www.mcgill.ca/email-policy). Access your E-mail at <http://exchange.mcgill.ca> or through the myMcGill portal. Verify your McGill E-mail Address on the Minerva Personal Menu.

### 4.3.5 Online Student Directory

Opt in to the student directory and make it easier for your fellow classmates to contact you. Find more on this service at [www.mcgill.ca/directory/students](http://www.mcgill.ca/directory/students).

### 4.3.6 Getting Connected

You can find more details on the following services at [www.mcgill.ca/it](http://www.mcgill.ca/it), under "Telephone, Network and Wireless":

**Wireless** - Access the Internet using your laptop or other mobile device from virtually anywhere on campus, through the McGill Wireless Network.

**Virtual Private Network (VPN)** - You need to establish a VPN connection to access McGill restricted sites and resources (e.g., Library databases) if you connect to the Internet with an Internet Service Provider (ISP) other than McGill's DAS.

**Dialup access (DAS)** - Access the Internet using your telephone line and a modem, instead of using a high speed ISP.



**McGill Residences Telecommunications** - For students living in McGill Residences and MORE buildings, there is a Voice and Data (wired and wireless) service.

**Computer labs** are provided by many faculties and departments for students in their programs. For lab locations, computer availability, software/peripheral availability and more, visit <http://vhd.mcgill.ca/labs>.

**"Connectivity@McGill" iCare clinic** - Attend this free, hands-on clinic and learn how to configure your computer to connect to the Internet via wireless or modem, and how to set up a VPN connection. Find out how to register at [www.mcgill.ca/it](http://www.mcgill.ca/it), under "IT Service Desk and Training".

#### 4.3.7 Safe Computing

**"Computing Safety" iCare clinic** - Attend this free clinic and learn how to prevent being infected by viruses, spyware, adware and other malicious programs. Find out how to register at [www.mcgill.ca/it](http://www.mcgill.ca/it) under "IT Service Desk and Training".

**Antivirus software** from Symantec is free to download from McGill's Software Licensing site at <http://elms04.e-academy.com/mcgill/>. Find out how at [www.mcgill.ca/it](http://www.mcgill.ca/it) under "IT Security Best Practices". Note: Please uninstall any previous antivirus software from your computer before installing Symantec.

#### 4.3.8 Need Help?

**Welcome New Students** - Take an interactive guided tour of IT services at [www.mcgill.ca/it](http://www.mcgill.ca/it), under "ICS Service Desk and Training".

**McGill IT Knowledge Base** - Search the Knowledge Base at <http://vhd.mcgill.ca/knowledgebase> for answers to commonly asked questions about IT.

##### 4.3.8.1 Getting Help

Contact the ICS Service Desk by submitting your request via a Web form at <http://webforms.mcgill.ca>, or go to the Service Desk at [www.mcgill.ca/it](http://www.mcgill.ca/it), under "ICS Service Desk and Training".

## 4.4 Resources for Study and Research

### 4.4.1 Libraries

The Library consists of 13 branch libraries, special collections and specialized services located across the University's downtown campus and Macdonald campus, on the shores of Lac St. Louis. Numbering over 6 million items, the Library's vast holdings include 2.5 million books, 250,000 cartographic items and thousands of sound and video recordings. The Library's e-resources are extensive, and include almost 50,000 e-journals, and over 1 million e-books on subjects ranging from early English texts to nutrition.

A comprehensive Website ([www.mcgill.ca/library](http://www.mcgill.ca/library)), and a wide range of services link the Library's resources to those who need them for teaching, learning, research and scholarship and is key to finding all the information you need. The online catalogue lists most items held in the Library's collections. Hundreds of databases on topics from art history to zoology guide users to relevant journal articles and research materials, while subject guides on topics like chemistry and social work provide comprehensive and clear direction for users undertaking research. From past examination papers and McGill theses to foreign newspapers, there's an amazing range of online information you can find using the Library's Website.

The expert and friendly staff in each branch library will help you locate information for course work, assignments or research topics. Training is provided at all levels to ensure users are able to find, locate and use information, and information skills programs are undertaken as part of mandatory course curricula.

Furthermore, Liaison Librarians proficient in specific disciplinary areas and are on hand to assist students and staff. Should you have any queries, assistance is always close by, whether in person, on the phone, or online, via E-mail and online chat.

Opening hours vary for each library but most are open up to 84 hours per week. All branch libraries extend their opening hours during examination periods: to 24hr access in the case of the Humanities and Social Sciences Library. Hundreds of computers are available for e-mail, word-processing, accessing online courses, reading library materials, preparing assignments and internet searching. Designed to enhance the learning experiences of a diverse range of users, the Library's facilities offer a variety of comfortable and attractive spaces. There are places for quiet individual study, dynamic e-zones, and group study rooms which can be booked for use. Wireless access is available across the library, and printing and copying facilities, operated by a card system, are conveniently located in all libraries. Special facilities are available for the vision and hearing impaired.

Users have access to specialized services such as the Electronic Data Resources Service, which supports empirical and statistical research, and a digitization program highlighting unique scholarly materials. You can borrow from any library, and should be sure to check out the Course Reserve collection in your branch library, where you can find copies of textbooks and high-demand items on course reading lists.

### 4.4.2 University Archives

The McGill University Archives (MUA) acquires, preserves and makes available to researchers (including students) of all disciplines more than 5,000 metres of records dating from 1797 to the present. These records document the history of McGill University faculty research, alumni and student organizations, and select Montreal-based organizations, all in a variety of media (including textual records, photographs, slides, audio-tapes, film, video, University publications, and artifacts). The MUA acquires private records to support University research goals and manages the University's corporate memory and information assets through its Records Management Program. The Records Management Program regulates the flow of administrative records and protects vital evidence of University functions and activities according to Quebec archives and records legislation.

The MUA Reading Room is open to the public Monday-Friday, 9:00-12:30 and 1:45 to 4:45; however, appointments are recommended. The MUA Website includes virtual exhibitions, on-line searching of the MUA holdings, digital collections including the largest campus database of digitized images, and access to the McGill History Portal (focusing on historical information about McGill University and its community).

McGill University Archives  
McLennan Library - Ground Floor  
Telephone: (514) 398-3772  
Fax: (514) 398-8456  
Website: [www.archives.mcgill.ca](http://www.archives.mcgill.ca)

### 4.4.3 Museums

#### 4.4.3.1 Redpath Museum

The Redpath Museum exists to foster the study of the history and diversity of the natural world. Its mandate includes geological, biological and cultural diversity. Its collections have been growing for over a century, and provide resources for research and for graduate and undergraduate education in biology, geology, anthropology and other fields. Among the largest collections are fossils from the ancient sea floor of eastern Quebec, the oldest land plants, a vast range of minerals, molluscs from around the world, Egyptian and classical antiquities, and artifacts from Central Africa. The Museum also houses research laboratories and classrooms.

The Museum welcomes McGill students and staff to visit its new permanent exhibit, which presents the history of life through the ages illustrated by material from Quebec and neighbouring



regions, besides displays that feature the mineral and mollusc collections. A new ethnology gallery devoted to cultures throughout the world, including ancient Egypt, classical Greece and Rome, Asia, and Africa, has recently been installed.

859 Sherbrooke Street West

Telephone: (514) 398-4086

E-mail: [redpath.museum@mcgill.ca](mailto:redpath.museum@mcgill.ca)

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

#### 4.4.3.2 McCord Museum of Canadian History

The McCord Museum is home to one of the finest historical collections in North America. It possesses some of Canada's most significant cultural treasures, including the most comprehensive collection of clothing - comprised of over 16,000 garments or accessories - made or worn in Canada; an extensive collection of First Nations artifacts - the most important of its kind in Quebec with a corpus of over 13,000 objects from across Canada; and the renowned Notman Photographic Archives, which contain over 1,000,000 historical photographs and offer a unique pictorial record of Canada from pre-Confederation to the present. The McCord also houses paintings by renowned artists such as Théophile Hamel, Cornelius Krieghoff, James Pattison Cockburn and George Heriot. The Museum's Textual Archives include some 185 linear metres of documents relating to Canadian history. Finally, the McCord's Website ([www.mccord-museum.qc.ca](http://www.mccord-museum.qc.ca)) features award-winning virtual exhibitions, innovative learning resources and a vast, searchable database of information on the Museum's collections.

Exhibitions at the McCord provide inspirational and innovative interpretations of the social and cultural history of Montréal, Quebec and Canada. In addition to guided tours, school programs, cultural activities and lectures, the McCord offers a range of services including the Museum Café and the boutique.

Researchers welcome by appointment.

690 Sherbrooke Street West

Telephone: (514) 398-7100

E-mail: [info@mccord.mcgill.ca](mailto:info@mccord.mcgill.ca)

Website: [www.mccord-museum.qc.ca](http://www.mccord-museum.qc.ca)

#### 4.4.3.3 Lyman Entomological Museum and Research Laboratory

Located on the Macdonald Campus, this institution has the largest insect collection of any Canadian university, and is second in both numbers of species and specimens only to the Canadian National Collection of Insects, Ottawa. As its main function is research and teaching, and not exhibition, it is not generally open to the public, but tours are available, by appointment, to interested parties. Telephone: (514) 398-7914.

#### 4.4.3.4 Other Historical Collections

In addition to the above, there are other collections and exhibits of a specialized nature, ordinarily open only to students but to which access may be gained by application to the department concerned. These include the Anatomical and Pathological Museums.

The Physics Department has two specialized collections which may be viewed by appointment. The Rutherford Museum contains original apparatus and other items used by Professor Ernest Rutherford in his Nobel Prize-winning research on radioactivity at McGill University, 1898-1907. The McPherson Collection comprises a wide range of historical apparatus and instruments used for measurements and investigations, with special emphasis on 19th-century physics.

## 4.5 Facilities

### 4.5.1 Buildings

#### 3605, de la Montagne Street

Montreal, QC H3G 2M1

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

#### McIntyre Medical Sciences Building

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

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

#### Strathcona Anatomy and Dentistry Building

3640 University Street, Montreal, QC H3A 2B2

This building, opened in 1911, houses the administrative offices of the Faculty of Dentistry, the Department of Anatomy and Cell Biology as well as the Polypeptide Hormone laboratory.

#### Duff Medical Sciences Building

3775 University Street, Montreal, QC H3A 2B4

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

**Note:** The Sheldon Biotechnology Centre's address is 3773, University Street, Montreal, QC H3A 2B4.

#### Research and Training Building

1033 Pine Avenue West, Montreal, QC H3A 1A1

In 1943 a large building and site were donated as a basis for the development of an Institute of Psychiatry. The building was reconstructed to permit the establishment of a 50-bed unit, together with extensive research laboratories, and opened in 1944.

In 1946 the first day-hospital in the world was opened at the Institute and in 1953 a 50-bed wing was added. In 1985, another wing, housing in-patient services, psychology and occupational therapy, was added.

The Research and Training Building of the Department of Psychiatry was built by McGill University in 1963, providing an extensive and modern research facility.

#### McGill Genome Quebec Innovation Centre

740 Doctor Penfield Avenue, Montreal, QC H3A 1A4

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

#### The McGill Medical Simulation Centre

3575 Park Avenue, Montreal, QC H2X 3P9

The Medical Simulation Centre is located in La Cité Complex. This 18,000 square feet of space contains a surgical skills area, high fidelity simulation labs and ten clinical encounter rooms. The Centre has debriefing rooms and a conference room with audiovisual links to the practice areas. All types of simulation modalities will be used there including standardized patients, task trainers, high fidelity simulation and surgical simulation. This Centre will provide the next generation of doctors, nurses, occupational therapists and physical therapists with unique educational opportunities to prepare them for the demands of clinical practice.

#### Lady Meredith House

1110 Pine Avenue West, Montreal, QC H3A 1A3

This building currently houses the Division of Experimental Medicine, the Centre for Medical Education, the offices of Occupational Health and Distance Education, as well as the

Faculty Development Office, the Centre for Continuing Medical Education and the Molson Informatics Project.

**Charles Meredith House**

1130 Pine Avenue West, Montreal, QC H3A 1A3  
This elegant building, built for Charles Meredith, houses the Institute for Health and Social Policy. The Occupational Health teaching program also has some faculty offices, student offices and teaching laboratories located there.

**Purvis Hall**

1020 Pine Avenue West, Montreal, QC H3A 1A2  
Purvis Hall, one of several old mansions in the historic "Golden Square Mile" of Montreal, is situated at the corner of Peel and Pine. This building is dedicated to the administrative offices, teaching and research activities of the Department of Epidemiology, Biostatistics, and Occupational Health.

**Beatty Hall**

1266 Pine Avenue West, Montreal, QC H3A 1A8  
Built in 1912, this heritage building was designed by Hogle and Davis architectural firm. In 1946 it was acquired by McGill and currently houses the School of Communication Sciences and Disorders.

**Davis House**

3654 Promenade Sir-William-Osler, Montreal, QC H3G 1Y5  
Built in 1909 for contractor James T. Davis, this heritage building, designed by architects Edward and W.S. Maxwell, houses teaching and research facilities of the School of Physical and Occupational Therapy.

**Hosmer House**

3630 Promenade Sir-William-Osler, Montreal, QC H3G 1Y5  
Built in 1901, for Ogilvie Flour Mill founder Charles Hosmer, this heritage building and its coach house, designed by architect Edward Maxwell, houses teaching and research facilities of the School of Physical and Occupational Therapy.

**Hosmer Annex**

3541 de la Montagne, Montreal, QC H3G 2A2  
The School of Physical and Occupational Therapy occupies this building.

**Hugessen House**

3666 McTavish Street, Montreal, QC H3A 1Y2  
The Department of Psychiatry occupies this building.

**Rabinovitch House**

3640, rue de la Montagne, Montreal, QC H3G 2A8  
This building houses the Centre for Research on Language, Mind and Brain and the McGill Phonathon.

**Wilson Hall**

3506 University Street, Montreal, QC H3A 2A7  
The School of Nursing shares this main campus building with the School of Social Work.

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

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

**515 - 517 Pine Avenue West, Montreal, QC H2W 1S4**

The Department of Family Medicine occupies this building.

**536 Pine Avenue West, Montreal, QC H2W 1S6**

This building houses the Department of Oncology.

**1140 Pine Avenue, Montreal, QC H3A 1A3**

This building houses the Department of Clinical Health and Informatics Research.

**MACDONALD CAMPUS**

**Macdonald-Stewart Building**

21,111 Lakeshore Rd., Ste. Anne de Bellevue, QC H9X 3V9  
This building, completed in 1978, houses the administrative offices and laboratories for the School of Dietetics and Human and the Faculty of Agricultural and Environmental Sciences.

**4.5.2 Hospitals**

**MCGILL UNIVERSITY TEACHING HOSPITALS**

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

**McGill University Health Centre (MUHC) /**

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

**The Montreal Children's Hospital**

2300 Tupper Street  
Montreal, Quebec  
H3H 1P3  
Telephone: (514) 412-4400

**The Montreal General Hospital**

1650 Cedar Avenue  
Montreal, Quebec  
H3G 1A4  
Telephone: (514) 934-1934

**The Royal Victoria Hospital**

687 Pine Avenue West  
Montreal, Quebec  
H3A 1A1  
Telephone: (514) 934-1934

**The Montreal Neurological Hospital**

3801 University Street  
Montreal, Quebec  
H3A 2B4  
Telephone: (514) 398-6644

**The Montreal Chest Institute**

3650 St-Urbain  
Montreal, Quebec  
H2X 2P4  
Telephone: (514) 934-1934

Each year the MUHC receives almost one million ambulatory visits, 40,000 in-patient stays, and trains approximately 2,000 medical and surgical residents, nurses and students.

The MUHC has over 1,300 physicians and 10,000 health care and other personnel, working within the organization's six clinical missions-The Montreal Children's Hospital, Medicine, Surgery, Neurosciences, Mental Health, and Women's Health.

The **Research Institute of the MUHC** is a world-renowned biomedical and health-care hospital research centre. The institute supports over 500 researchers, nearly 1,000 graduate and post-doctoral students and operates more than 300 laboratories devoted to a broad spectrum of fundamental and clinical research. The Research Institute operates at the forefront of knowledge, innovation and technology and is inextricably linked to the clinical programs of the MUHC, ensuring that patients benefit directly from the latest research-based knowledge.

A central future goal of the MUHC is to consolidate services on two campuses; this will involve modernization of the downtown Montreal General Hospital and the building of a new facility at the Glen Yard-a 43-acre site located in central Montreal. This two-campus redevelopment project will consolidate our patient care, research and teaching activities and support our continued excellence. **For more information about the MUHC, please visit our Website at [www.muhc.ca](http://www.muhc.ca).**

There are three other principal teaching hospitals:

**Sir Mortimer B. Davis – Jewish General Hospital** is located at 3755 Côte Ste-Catherine, Montreal, QC H3T 1E2.

Since 1934, the Sir Mortimer B. Davis - Jewish General Hospital has served patients from diverse religious, linguistic and cultural backgrounds in Montreal, throughout Quebec and beyond. As one of the province's largest acute-care hospitals, this 637 bed McGill University teaching hospital admits more than 22,000 patients per year, while handling approximately 300,000 outpatient visits, 62,000 emergency visits and 3,700 births. The JGH is widely recognized for excellence in various specialties, including oncology, cardiology, neonatology, orthopedics, family medicine, aging and emergency medicine. As a result, the hospital has been designated by the government of Quebec as one of Montreal's five major service centres: a provincial centre for high risk obstetrical and neonatal care; and a breast referral and investigation centre. Treatment is provided by approximately 550 affiliated doctors-with teaching appointments at McGill University-as well as 300 medical residents per year. The Jewish General Hospital carries out more than 22% of the training for McGill's Faculty of Medicine and is home to several of the university's programs, including the McGill AIDS Centre, the McGill Centre for Translational Research in Cancer, the McGill Head and Neck Surgery and Oncology Program, and the McGill Menopause Clinic. The hospital's Lady Davis Institute for Medical Research is acknowledged as a world leader in many fields of investigation, including cancer (the Terry Fox Molecular Oncology Group), aging (the Bloomfield Centre for Studies in Aging), epidemiology (the Centre for Clinical Epidemiology and Community Studies), nursing (the Centre for Nursing Research), AIDS, cardiovascular disease, genetics, emergency medicine, nephrology, and the psychosocial aspects of illness. The outstanding quality of this work has enabled the Lady Davis Institute to attract more funding per researcher than any other hospital affiliated research institution in Quebec. More information is available at [www.jgh.ca](http://www.jgh.ca).

**St. Mary's Hospital Centre** is located at 3830 Lacombe Avenue, Montreal, QC H3T 1M5.

St. Mary's is an acute care specialized hospital with 316 adult beds and 65 bassinets. About 3,600 babies are delivered annually at the Hospital. There is a progressive and active Family Medicine Centre recognized for its teaching. The Emergency Department is very busy and supervised by a staff physician 24 hours per day. The Hospital also provides numerous highly specialized services such as renal dialysis, oncology, organized geriatric and psychogeriatric, nuclear medicine, C.T. scanning services as well as MRI exams. There are approximately 49,000 out-patient clinic visits, 5,000 procedures through the surgical day center, and over 15,000 patient admissions and 119,00 ambulatory care visits annually. The Hospital is noted for its devotion to patients, motivation to the achievement of excellence, and good spirit.

**Douglas Hospital** is located at 6875 LaSalle Boulevard, Borough of Verdun, Montreal, QC H4H 1R3.

Founded 125 years ago (1881-2006), the Douglas Hospital is a University Institute in Mental Health with a triple mission of care, research, and teaching. A member of the McGill Integrated University Health Network (RUIS McGill) and affiliated with the World Health Organization, it offers hospitalization and extensive out-patient ultraspecialized services.

The Hospital provides child and adolescent, adult, and geriatric clinical services, and is dedicated to treating patients in the least restrictive manner possible, with a major focus on rehabilitation and successful reintegration into the community. It offers training for residents in psychiatry, as well as for medical and paramedical students from a wide range of disciplines. The Douglas Hospital Research Centre is the second largest in the country, with a team of over 60 scientists and clinical researchers and 180 university students. This team is devoted to making better sense of the causes of mental disorders – whether genetic, environmental, cultural or social – as well as developing diagnostic tools, treatments and prevention methods. Also, the Research Centre is home to McGill University centres in schizophrenia, aging and suicide as well as the Montreal Pan American Health Organization/World Health

Organization Collaborating Centre for Reference and Training in Mental Health, which offers consultation services, research and teaching programs here and abroad.

#### HOSPITALS AFFILIATED WITH MCGILL UNIVERSITY

The following hospitals have been approved by, and have contracted with, McGill University for participation in teaching and research in one or more departments and services:

**CSSS de Gatineau**

Gatineau-Hull, QC

**Jewish Rehabilitation Hospital**

3205 Place Alton Goldbloom, Laval, QC H7V 1R2

**Lakeshore General Hospital**

160 Stillview, Pointe Claire, QC H9R 2Y2

**LaSalle General Hospital**

8585 Terrasse Champlain, LaSalle, QC H8P 1C1

**Maimonides Hospital Geriatric Centre**

5795 Ave. Caldwell, Montreal, QC H4W 1W3

**Shriners Hospital For Children**

1529 Cedar Avenue, Montreal, QC H3G 1A6

#### 4.5.3 Clinical Facilities for Dentistry

The McGill University McCall Dental Clinic is located in the Montreal General Hospital.

At the Clinic, Third and Fourth year students in the undergraduate program are taught under the guidance of the dental staff to carry out all phases of clinical dentistry and related laboratory procedures. They attend this clinic daily except for such time as may be taken up by lectures or other University work.

The Montreal General Hospital offers the facilities of all departments in the hospital and allows the students to observe a wide variety of interesting and unusual cases under treatment.

#### 4.5.4 Facilities for Human Nutrition

The Mary Emily Clinical Nutritional Research Unit is located on 7 Maple Street in Sainte-Anne-de-Bellevue.

The Unit was developed in 1995 with the objective to create a facility dedicated to in-patient human nutrition experimentation using precisely controlled diets. The Unit is housed in a detached 5,000 sq. ft. building located at the perimeter of the Macdonald Campus with easy access to the community at large. This Unit is capable of supporting 12 research subjects on an in-patient basis. The facility is unique in Canada, in that it allows strict, in-house monitoring and testing of research subjects over prolonged periods while they consume diets prepared in-house. The first floor houses a state-of-the-art metabolic kitchen to prepare foods in a controlled manner including sitting area for consumption of meals. The second floor houses an interview room to provide for attainment of written ethical consent/assent. A research/clinical assessment room is dedicated to procedures including blood sampling by a phlebotomy team or clinical staff in adults, infants and children. The Unit is a self-supporting initiative which is available for use by external researchers. For further information regarding collaborative or independent extramural research interests, contact the Director of the School of Dietetics and Human Nutrition.

#### 4.5.5 Research Centres

**Artificial Cells and Organs Research Centre**

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

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

Fax: (514) 398-7452

This Centre concentrates on interdisciplinary research on the application of artificial cells in medicine and biotechnology. The present research emphasis is on artificial cells, regenerative medicine, nanomedicine, enzyme replacement therapy, biotechnology, blood substitutes based on nanobiotechnology, biomaterials,



bioencapsulation of enzymes, cells, micro-organisms, and stem cells, especially artificial cells containing bone marrow stem cells for liver regeneration. The members of this centre come from different specialties in McGill ranging from the basic science Departments of Physiology, Engineering and Biomedical Engineering to clinical divisions in the McGill teaching hospitals. The Centre Office is in the McIntyre Medical Sciences Building.

**Biomedical Ethics Unit**

3647 Peel Street, Montreal, QC H3A 1X1  
 Telephone: (514) 398-6980  
 Fax: (514) 398-8349

The Biomedical Ethics Unit (BEU) offers undergraduate and graduate courses in bioethics and health law. These include electives for medical students, in-hospital courses, lectures and rounds for residents and other health care workers. The BEU also administers the Master's specialization in Bioethics, which is available to students in the Faculties of Medicine, Law, Religious Studies and the Department of Philosophy. The program emphasizes the conceptual and practical aspects of bioethics and ordinarily takes two years to complete. Current faculty members have training in philosophy, religious studies, medicine, history, sociology, epidemiology, molecular biology and law. The BEU faculty and trainees are active in a variety of interdisciplinary research areas and have expertise in clinical trials research, genetics, pediatrics, innovative technologies, access to care, public health ethics, health inequalities, biosecurity, anti-aging research and pharmaceutical development. We also provide in-hospital clinical ethics consultation services and serve on the Clinical and Research Ethics Committees for the McGill teaching and affiliated hospitals. BEU members and research associates actively collaborate with faculty across McGill, as well as nationally and internationally in research, teaching and clinical activities. There are currently six faculty members plus affiliate members, postdoctoral fellows and graduate students. The current director of the BEU is Kathleen Cranley Glass; [kathleen.glass@mcgill.ca](mailto:kathleen.glass@mcgill.ca).

**Centre for Bone and Periodontal Research**

740 Dr. Penfield Avenue, Room 2200,  
 Montreal, Quebec, H3A 1A4 Canada  
 Tel: (514) 398-6028  
 Fax: (514) 398-4020  
 Website: [www.bone.mcgill.ca](http://www.bone.mcgill.ca)

The Centre for Bone and Periodontal Research was established in October 2001 to promote and facilitate research and training in the areas of bone, cartilage and periodontal disease. The Bone Centre currently represents the interests of more than 60 clinical and fundamental scientists across Canada, many of whom are recognized leaders in research pertaining to disorders such as arthritis, osteoporosis, metastatic and metabolic bone disease and developmental disorders of the skeleton and oral cavity.

The Centre provides advanced instrumentation for hard tissue research, acts to increase the research capacity of its members and to translate advances into improved diagnosis, prevention and treatment of diseases involving the skeleton and oral cavity.

**Centre for the Study of Host Resistance**

Montreal General Hospital, 1650 Cedar Avenue, Room A6149,  
 Montreal, QC H3G 1A4  
[www.mcgill.ca/hostres](http://www.mcgill.ca/hostres)

The development of novel interventions for human diseases is expected to dominate the field of biomedical research in the coming years. Such efforts will require multidisciplinary design and will be decisively shaped by the emerging knowledge of human genetic variability and its relationship to disease risk. This type of integrative biological thinking is the hallmark of the study of "Host Resistance", a field that originated and was pioneered by researchers at McGill University. Over the last 20 years, research conducted at the McGill Centre for the Study of Host Resistance has focused on cutting edge principles of genetic research and in doing so has produced leading discoveries in the fields of infectious diseases, cancer and common inherited diseases. The Centre has long been recognized as a leading training environment

and has been named a Canadian Institutes of Health Research Training Centre in Integrative Biology of Infectious Diseases and Autoimmunity.

**Centre for Translational Research in Cancer**

Sir Mortimer B. Davis – Jewish General Hospital  
 3755 Côte Ste-Catherine, Room D127, Montreal, QC H3T 1E2

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

The Centre provides core functions to enhance translational research, including a Tissue Bank, Clinical Research Unit, and a Molecular Modeling Program. The unique interaction of clinician-scientists and Ph.D. researchers provides an important strength to novel therapeutic development programs. There is significant interaction with biotechnology and the pharmaceutical industry.

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

**Centre for Research on Language, Mind and Brain**

3640 rue de la Montagne,  
 Montreal, QC H3G 2A8  
 Website: [www.crlmb.mcgill.ca](http://www.crlmb.mcgill.ca)

The multidisciplinary Centre for Research on Language, Mind and Brain brings together investigators from four faculties at McGill with the goal of advancing our understanding of the processes of speech and language that extends from the theoretical (e.g., theories of language structure, neural processing) to the applied (e.g., bilingual and second language learning, clinical intervention for speech and language disorders). Research domains include speech science modeling and analysis, the neural bases of language, language acquisition, and visual language processing, among others. The Centre provides an interdisciplinary training environment for undergraduate and graduate students, as well as postdoctoral fellows.

**McGill AIDS Centre**

Lady Davis Institute, Jewish General Hospital,  
 3755 Côte Ste.-Catherine, Room 318, Montreal, QC H3T 1E2

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

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

hospitals and clinics. Furthermore, the Centre will provide a forum for the input and participation by people with HIV infection or with AIDS in this research, teaching, and care.

#### **McGill Cancer Research Group**

3655 Promenade Sir-William-Osler, Room 701,  
Montreal, QC H3G 1Y6

The mission of the McGill Cancer Research Group is two fold: to bring together internationally renowned scientists devoted to cancer research and provide them with state of the art resources so that they can fully contribute to the worldwide effort of developing novel approaches for the improvement of the diagnosis, treatment and management of this disease as well as to provide an internationally recognized training ground for the next generation of investigators. Scientific activities of the Group are mainly concentrated on the following topics: signaling and molecular mechanisms in apoptosis and cell division, differentiation and motility, genetics of Complex Traits, development of new mouse models of human cancer, Cell Transfer System, Chemical Biology of cancer targets, Development Biology, Identification of complex traits markers in cancer and Research and validation of new therapeutic targets for cancer. Associate members involved in both basic and clinical cancer research interact regularly with a core of investigators housed in the Group itself. The Group's office is in the McIntyre Medical Sciences Building.

#### **McGill Centre for Studies in Aging**

6825, boul. LaSalle,  
Verdun, QC H4H 1R3

The specific goals of the Centre are: i) to bring together investigators in the basic sciences, the clinical sciences, the social sciences and other disciplines in order to create a greater knowledge base for understanding the aging process; ii) to serve as a focus for the education and training of those individuals concerned with the elderly; iii) to transfer the newly created knowledge to those institutions and organizations actually giving service and care to the aged; and iv) to identify via research those parts of the aging process which are preventable or capable of being modified, to assist the individual aged person in coping with the problems of being elderly and ultimately, through these processes, to benefit mankind.

#### **McGill Nutrition and Food Science Centre**

Royal Victoria Hospital, 687 Pine Avenue West,  
Montreal, QC H3A 1A1

Established in 1982 in recognition of the increasing importance of nutrition in clinical medicine, the Centre has a four-fold function. The first is the development and integration of research at the basic and clinical level, involving investigators at the Crabtree Laboratory of the Centre at the MUHC/Royal Victoria Hospital, and at other locations in the University, and to encourage existing faculty to interact in nutrition-related investigations. The second function is the provision of opportunities for graduates in medicine, nutrition and other disciplines to do graduate and postdoctoral research in the laboratories of full-time and associate members. The third is to provide contemporary nutrition teaching at the relevant levels of the medical curriculum, during residency training and thereafter. The Centre is committed to providing reliable information to the public on nutrition-related matters. Finally, nutrition consulting activities in the clinical setting, particularly intravenous feeding are supported and further developed. The Centre is administratively related to the Faculty of Medicine, Faculty of Agriculture and Environment Sciences, the School of Dietetics and Human Nutrition and other Macdonald Campus departments.

#### **Centre for Medical Education**

Lady Meredith House, 1110 Pine Avenue West  
Montreal, Quebec, H3A 1A3

#### **Centre Vision**

The McGill Centre for Medical Education strives to promote excellence and scholarship across the continuum of health professional education.

#### **Centre Mission**

The McGill Centre for Medical Education aims to serve as a resource for curriculum development and innovation; stimulate interest in educational research and development; advance the field of health professional education through scholarship; and ensure that research informs educational practice.

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

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

Members of the Centre for Medical Education collaborate with individuals, departments and other organizations to advocate for excellence in teaching and learning, scholarship at all levels of the educational continuum, and improved health care.

#### **Centre for Research on Pain**

Location: Suite 3100, Genome Building  
740 Dr. Penfield Avenue, Montreal, QC H3A 1A4  
Mailing Address: Stathcona Anatomy and Dentistry Building  
3640 University Street, Montreal, QC H3A 2B2

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

### **4.5.6 Libraries**

All of the McGill University libraries are available to health sciences users but two of them are likely to be of particular interest. These are the Life Sciences Library and the Osler Library of the History of Medicine, both situated in the McIntyre Medical Sciences Building and the Macdonald Campus Library, which is a primary resource for Dietetics and Human Nutrition users.

#### **Life Sciences Library**

The Life Sciences Library was founded in 1823, making it the oldest health sciences library in Canada. The Library contains about 290,000 volumes and it receives about 1000 current print journal titles. In addition to print, the Library licenses access to a variety of electronic resources, including over 4,300 journals, 400 books and several clinical tools. Access to licensed electronic resources is available to all McGill faculty, staff and students.

The Library is a major resource for teaching, research and clinical care in communication sciences and disorders, dentistry, medicine, nursing, biology, and physical and occupational therapy. The Library is noted for its strong retrospective collection of books and journals. Information on the library collections and services can be found at [www.health.library.mcgill.ca](http://www.health.library.mcgill.ca).

The Library is open to all who need to use its collections. Borrowing privileges are extended to all McGill faculty, staff and students. The Library's hours vary throughout the year and are available on the website noted above or by telephoning (514) 398-4475. It should be noted that only holders of valid McGill ID cards can access the Library during weekend or evening hours.

#### **Osler Library of the History of Medicine**

The Osler Library of the History of Medicine, which opened in 1929, is physically and intellectually connected to the Life Sciences Library. The Library has as its nucleus the 8,000 volumes willed to McGill University in 1919 by Sir William Osler (one of its most famous pupils and teachers). The collection now totals



over 55,000 volumes as Sir William's original gift has been augmented by transfers from the Life Sciences Library, by other gifts and bequests and by an active purchasing program. The Library is supported by a Friends group, publishes a Newsletter, available at the website noted above and offers an annual research travel grant.

The Osler Library is open to all who wish to consult its collections and current material is available for loan. Borrowing privileges are extended to all McGill faculty, staff and students. The Library is open only on weekdays from 9:00 to 5:00 and in July and August is also closed on Fridays.

## 5 Faculty of Dentistry

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### 5.1 The Faculty

#### 5.1.1 Location

Faculty of Dentistry  
 Strathcona Anatomy and Dentistry Building  
 3640 University Street  
 Montreal, QC H3A 2B2  
 Canada  
 Telephone: (514) 398-7203  
 Fax: (514) 398-8900

Telephone: (D.M.D. Admissions) (514) 398-6699  
 Fax: (Admissions) (514) 398-2028  
 E-mail: [undergrad.dentistry@mcgill.ca](mailto:undergrad.dentistry@mcgill.ca)  
 Website: [www.mcgill.ca/dentistry](http://www.mcgill.ca/dentistry)

#### 5.1.2 Administrative Officers

##### Faculty

Paul J. Allison; B.D.S., F.D.S.R.C.S., M.Sc.(Lond.), Ph.D.(McG.) **Dean**  
 Marie E. Dagenais; D.M.D.(Montr.), Dip.Rad.(Tor.) **Associate Dean (Academic Affairs)**  
 Marc D. McKee; B.Sc., M.Sc., Ph.D.(McG.) **Associate Dean (Graduate Studies and Research)**  
 Fernando Cervero; M.B., Ch.B., Ph.D.(Madrid), D.Sc.(Edin.) **Director (Graduate Programs)**  
 Jeffrey M. Myers; B.Sc., D.D.S.(McG.) **Associate Dean (Clinical Affairs)**  
 Peter. J. Chauvin; B.Sc., D.D.S.(McG.), M.Sc.(W. Ont.), F.R.C.D.(C) **Director, Student Promotions**  
 Christophe Bedos; D.D.S. (Paris), M.Sc., Ph.D. (Montr.) **Chair, Admissions Committee**  
 Robert J.C. David; D.D.S.(McG.) F.I.C.D., F.A.G.D. **Chair, Continuing Dental Education**

##### Multidisciplinary Residency Directors

Duy-Dat Vu; D.M.D.(Laval), M.Sc., Cert. Pedo(Montr.) **Montreal Children's Hospital**  
 Irwin Margolese; D.D.S.(McG.) **Queen Elizabeth Health Complex**  
 Antoine Chehade; B.Sc., D.D.S., M.Sc.(McG.) **Royal Victoria Hospital and Montreal General Hospital**  
 Melvin Schwartz; B.Sc., D.D.S.(McG.) **Sir Mortimer B. Davis-Jewish General Hospital**

#### 5.1.3 History

Our Faculty's focus is on training oral physicians, capable of providing comprehensive health care to their patients. We offer unparalleled opportunities for practical experience in a wide variety of hospital and clinical settings. Internationally renowned for our research bolstered by new, world-class facilities, our students are exposed to the latest developments in dental research.

Historically we have enjoyed a creative mix of students not only from Canada, but also from the United States and around the world. We have a strong history of student participation in faculty affairs with the goal to create a collegial learning environment.

The history of dental education in Quebec goes back to 1892 when the Association of Dental Surgeons of the Province of Quebec founded, in Montreal, a dental school known as the Dental College of the Province of Quebec. Instruction in this College was in both English and French and the College was located on Phillips Square. This College became associated with Bishop's University in Lennoxville, Quebec, four years later as a department in the Faculty of Medicine of that University, but remained situated in Montreal. In this way the clinical training was provided by the College and the academic training by the University. The first Doctor of Dental Surgery (D.D.S.) degree in the province of Quebec was granted by Bishop's University.

The McGill Dental School was established in June 1904 as a department in the Faculty of Medicine and continued as

such until 1920 when it became known as the Faculty of Dentistry.

The Faculty of Dentistry has always been closely associated with the Montreal General Hospital, where the clinical teaching in the Faculty is mainly carried out along with rotations to other teaching hospitals. The preclinical teaching laboratory is housed in the Strathcona Anatomy and Dentistry Building on campus. The basic science subjects are taught in conjunction with the Faculty of Medicine during the first 18 months of the program.

To reflect the increase in curricular content of basic science and medical courses in recent years, the Faculty requested that the degree program be renamed. The change, to Doctor of Dental Medicine (D.M.D.), received University approval in the Spring of 2000.

### 5.1.4 Our Mission Statement

#### Our Vision

The Faculty of Dentistry, McGill University, envisions a healthy and equitable society. It is committed to the promotion of oral health and quality of life in the whole population, with emphasis on the needs of under-served communities and individuals.

#### Our Main Goals

- To enable oral health professionals to attain the highest levels of competence and commitment to patients and to the community.
- To foster outstanding research, and to educate and nurture students in order to increase knowledge and improve the wellbeing of the population.
- To serve the population through the delivery of oral health care in hospital facilities and through outreach programs in underprivileged communities.
- To maintain a leadership role in oral health education, in scientific research and in the shaping of public health policy, with an emphasis on reducing health inequalities.

#### Our Core Values

Commitment to excellence and innovation.

## 5.2 Admissions - Undergraduate Program

The application for admission to the Faculty of Dentistry for September 2009 will be available on-line in the Fall of 2008 at [www.mcgill.ca/applying](http://www.mcgill.ca/applying). Please consult this site, or the Faculty of Dentistry site [www.mcgill.ca/dentistry/admissions](http://www.mcgill.ca/dentistry/admissions), for the most recent application procedures.

All documents, including transcripts and letters of recommendation, must be submitted by the deadlines given below. Each application must be accompanied by a non-refundable fee of \$80 for applicants to the D.M.D program (4 years) and \$60 for applicants to the Dental Preparatory Program (5 years) paid by credit card.

#### Four-year program (D.M.D. Program)

Applicants who have completed, or will complete by the end of the current academic year, a Bachelors degree from an accredited university can apply to this program.

#### Five-Year program (Dental Preparatory Program)

Applicants who are citizens or permanent residents of Canada, living in the province of Quebec, and who are enrolled in the second and final year of the Sciences Profile in a CEGEP are eligible to apply for this program.

#### Advanced-standing: Foreign Trained and Transfer students

Applicants who hold a D.M.D. or equivalent degree from a non-accredited dental school or who are currently enrolled in an accredited D.M.D. or DDS program in Canada or the United States may apply to this program.

#### Deadlines for receipt of applications for admission to the 2009-10 academic year are:

November 15	For applicants whose residence is outside the province of Quebec.
January 15	For residents of Quebec applying to the four-year program or the Advanced Standing Program.
March 1	For residents of Quebec applying to the (Dent-P) Dental Preparatory program.

Final decisions are based on transcripts, DAT results, reference letters, autobiographical letter and interview.

For students accepted into the four-year program or the Advanced Standing Program, notification of acceptance must be accompanied by a deposit of \$2,000 (Canadian), which will be applied against tuition. Fifty percent (50%) of the deposit fee is refundable up to June 15.

For students accepted into the Dent-P program, notification of acceptance of the offer must be accompanied by a deposit of \$1,000 (Canadian), which will be applied against tuition. The deposit is refundable up to June 15.

### 5.2.1 Four Year D.M.D. Program

The first 18 months of the program, basic and applied sciences are taught in conjunction with the Faculty of Medicine. Students then complete 7 months of intense pre-clinical training followed by 2 years of clinical training in the McCall Undergraduate Teaching Clinic at the Montreal General Hospital. Students rotate through various hospital departments including Oral and Maxillofacial Surgery, Paediatric Dentistry (at the Montreal Children's Hospital) and the McGill Pain Centre.

#### Requirements

Applicants to the program should have either completed the following entrance requirements or be completing them by the end of the current academic year.

Applicants must have received an undergraduate degree or be in the final year of a course of study at a recognized college or university in a program leading to an undergraduate degree consisting of 120 credits over eight semesters following completion of high school.

A cumulative GPA of 3.5 or higher (on a 4.0 scale) is considered competitive.

#### Specific course requirements

Basic science requirements. Applicants must have successfully completed (or be in the final stages of completing) the following courses at a university level with laboratory or practical work in each:

- Minimum six (6) credits of general/introductory Biology
- Minimum six (6) credits of general/introductory Chemistry
- Minimum three (3) credits of introductory Organic Chemistry
- Minimum six (6) credits of general/introductory Physics

Minimum credits do not include compulsory laboratory or practical work. Grades of Pass/Fail (Satisfactory/Unsatisfactory) are not acceptable. Numerical or letter-class grades are required. Distance/correspondence education courses are not acceptable. Prerequisite courses completed more than eight years from date of application must be repeated.

University-level courses in Biochemistry, Cell and Molecular Biology are strongly recommended.

#### 5.2.1.1 Dental Aptitude Test (DAT)

Students applying for admission to the four-year program must complete the DAT no later than the Fall of the year in which they are applying and have the results sent to the Faculty of Dentistry.

The Test should be retaken if it was written more than three years before the date of application.

Canadian applicants are required to take The Canadian Dental Association Aptitude Test (DAT). Candidates applying from the United States should take the American Dental Association Admission Test.

### 5.2.2 Five-Year D.M.D. Program (Dent-P – Dental Preparatory)

Applicants who are citizens or permanent residents of Canada living in the province of Quebec and who are enrolled in the second and final year of the Sciences Profile of the Quebec Colleges of General and Professional Education (CEGEP) are eligible to apply for the five-year program.

The five-year program consists of a Dental Preparatory (Dent-P) year followed by the regular four-year dental program. During the Dent-P year, students are registered in the Faculty of Science and must take courses totalling 30 credits. There are several required courses as well as a number of elective courses selected for the purpose of broadening and enriching their education.

- Required Courses (6 credits)
- Elective Courses (24 credits) preferably in Humanities

Students must obtain a minimum cumulative GPA of 3.5 during their Dent-P year, with all individual marks "B" or higher, in order to be permitted into the regular program.

#### Requirements

Overall average, science course average, and individual course marks as well as the Cote de rendement au collégial (Cote R) are used in making the final decisions. A Cote R of 32.000 or higher would be considered competitive.

#### Required courses

Biology - 00UK, 00XU  
Chemistry - 00UL, 00UM, 00XV  
Mathematics - 00UN, 00UP  
Physics - 00UR, 00US, 00UT

#### Recommended course

Chemistry 302 (or equivalent)

Those who do not take this course in CEGEP will be required to take an equivalent course in the Dent-P year.

#### Dental Aptitude Test (DAT)

The Dental Aptitude Test (DAT) is NOT required for entry into the Dent-P program. Accepted students must take the DAT during their first year in the Program.

#### Applicants not admissible to the Dent-P program:

- Applicants who are completing a Diploma of Collegial Studies in more than two years (with the exception of certain students taking a "double DEC" or those enrolled in an approved Sports Études program);
- CEGEP students who have formerly been enrolled in college or university programs or in post-secondary technical schools, within or outside of the province, are not eligible to apply;
- Applicants who have already obtained a Diploma of Collegial Studies who are registered in an undergraduate degree program or who have completed an undergraduate degree are not eligible.

These students must apply to the four-year program.

### 5.2.3 Advanced Standing: Foreign Trained Dentists and Transfer Applicants

#### Foreign Trained Dentists

Students who have received their dental degree from a non-Canadian university should contact the Association of Canadian Faculties of Dentistry, 100 Bronson Avenue, Suite 204, Ottawa, ON, K1R 6G8 or refer to their Website [www.acfd.ca](http://www.acfd.ca) for information concerning the Qualifying Programs or special programs which are offered at some Canadian dental schools. McGill University does not offer a qualifying program.

Applicants who have completed a dental or medical degree at a non-Canadian or non-American university may apply for advanced standing. They will be required to pass the first part of

the American Dental Board Examination as well as the ACFD/AFDC Eligibility Examination prior to submitting an application and must also take an English Language Examination (TOEFL). Final decisions are partially based on these three exams.

#### Transfer Students

Students who are presently enrolled in a faculty of dentistry in Canada or the United States may be considered for entry into the third year of the D.M.D. program if:

1. they have completed or will have completed at least two years of the D.M.D./D.D.S. program;
2. they are ranked highly in their current program;
3. they have passed the first part of the American Dental Board Examination.

### 5.2.4 Compulsory Immunization Program

See [section 3.1.11 "Vaccination/Immunization Requirements"](#), is required for all applicants.

### 5.2.5 Instruments

All students must purchase a complete McGill Instrument Kit from the faculty, see [section 3.4.7 "Other Fees"](#).

### 5.2.6 Registration

#### 5.2.6.1 New Students

All students entering the four-year program in 2008-09 must initiate registration on Minerva ([www.mcgill.ca/minerva](http://www.mcgill.ca/minerva)). The Minerva Registration period for newly admitted Dentistry students is August 5 - August 19, 2008.

**All students are required to attend faculty registration in August. ATTENDANCE IS COMPULSORY. Failure to attend will result in cancellation of the student's offer of admission to the program and registration.**

For further information, consult the Web at [www.mcgill.ca/minerva](http://www.mcgill.ca/minerva) and [section 3.3.1 "Registration"](#). Registration information will be e-mailed to successful applicants.

#### 5.2.6.2 Returning Students

Returning students must register for 2008-09 on Minerva by adding the registration course REGN-RCDE on Minerva ([www.mcgill.ca/minerva](http://www.mcgill.ca/minerva)). Returning students must register by the deadline specified or pay the appropriate late registration fees.

For further information, consult the Web at [www.mcgill.ca/minerva](http://www.mcgill.ca/minerva) and the registration information mailed to returning students in early April.

## 5.3 Licensure

Applicants are reminded that a university degree in dentistry does not in itself confer the right to practice the profession of dentistry. It is necessary to comply with the dental laws of the country, province or state in which one proposes to practice. Students, therefore, are advised to register their qualifications at the beginning of their university course with the licensing body in the area in which they intend to practice.

### 5.3.1 National Dental Examining Board of Canada

In order to be eligible for licensure in Canada, graduates of Canadian Dental Programs are required to hold a certificate from the National Dental Examining Board of Canada. This certificate is issued to candidates who have successfully completed the NDEB examination. This examination is normally written by students in the final year of the undergraduate program.

Further information about the NDEB may be obtained from:  
 Registrar, National Dental Examining Board of Canada  
 100 Bronson Avenue, Suite 203,  
 Ottawa, ON, K1R 6G8  
 Tel.: (613) 236-5912  
 Website: [www.ndeb.ca](http://www.ndeb.ca)

### 5.3.2 Province of Quebec

In addition to processing a NDEB certificate, applicants who wish to practice in Quebec must meet the language requirement for professionals, [section 3.9.1 "Language Requirements for Professions"](#).

Further information regarding licensure in Quebec may be obtained from:

Ordre des Dentistes du Québec  
 625 boulevard René Lévesque Ouest-15e étage  
 Montréal, QC H3B 1R2  
 Tel: (514) 875-8511  
 Website: [www.odq.qc.ca](http://www.odq.qc.ca)

### 5.3.3 Dental Regulatory Authorities in Other Provinces

Students are advised to write to the addresses listed below for information whenever they are in doubt as to the regulations of any province in Canada.

Alberta - Executive Registrar, Alberta Dental Association,  
 101 8230 105th Street, Edmonton, AB, T6E 5H9  
 Website: [www.abda.ab.ca](http://www.abda.ab.ca)

British Columbia - Registrar, College of Dental Surgeons of British Columbia, 500-1765 West 8th Avenue, Vancouver, BC, V6J 5C6  
 Website: [www.cdsbc.org](http://www.cdsbc.org)

Manitoba - Registrar, Manitoba Dental Association, 103698  
 Corydon Avenue, Winnipeg, MB, R3M 0X9  
 Website: [www.manitobadentist.ca](http://www.manitobadentist.ca)

New Brunswick - Registrar, New Brunswick Dental Society,  
 520 King Street, Carleton Place 820, Fredericton, NB E3B 4Z9  
 Website: [www.nbdental.com](http://www.nbdental.com)

Newfoundland - Registrar, Newfoundland Dental Board,  
 139 Water Street, 6th Floor, St. John's, NF, A1C 1B2

Nova Scotia - Registrar, Provincial Dental Board of Nova Scotia,  
 102-1559 Brunswick Street, Halifax, NS B3J 2G1  
 Website: [www.pdbns.ca](http://www.pdbns.ca)

Ontario - Registrar, Royal College of Dental Surgeons of Ontario,  
 6 Crescent Road Toronto, ON M4W 1T1  
 Website: [www.rcdso.org](http://www.rcdso.org)

Prince Edward Island - Registrar, Dental Association of Prince Edward Island, 184 Belvedere Avenue, Charlottetown,  
 PE, C1A 2Z1

Saskatchewan - Registrar, College of Dental Surgeons of Saskatchewan, 202-728 Spadina Crescent East, Saskatoon, SK, S7K 4H7  
 Website: [www.saskdentists.com](http://www.saskdentists.com)

### 5.3.4 National Board of Dental Examiners (U.S.A)

Students intending to practice in the United States are advised to contact the Secretary, Council of the National Board of Dental Examiners, American Dental Association, 211 East Chicago Avenue, Chicago, Illinois 60611. Website: [www.ada.org](http://www.ada.org).

Information should also be obtained from the Secretary of the licensing board of the specific state in which the student intends to practice.

## 5.4 Scholarships, Awards and Financial Aid

### 5.4.1 Entrance Scholarships

Each year a limited number of Entrance Scholarships are awarded to students of high academic standing. Applicants must be entering a university for the first time to undertake a full-time undergraduate degree program.

Full information concerning undergraduate scholarships and bursaries are given in the *Undergraduate Scholarships and Awards Calendar* available on the Web at [www.mcgill.ca/courses](http://www.mcgill.ca/courses).

**DR. YU-MING LAM SCHOLARSHIP**, established in 1999 by Dr. Yu-Ming Lam (D.D.S. 1972) and family, in honor of Mr. Yin-Bun Lam, for students entering the four-year dentistry program. This scholarship will be awarded on the basis of high academic achievement by the Faculty of Dentistry and is renewable provided the holder maintains an academic standing established by the Faculty. Value: \$3,000.

#### PING KWAN LAU SCHOLARSHIP

### 劉秉鈞獎學金

Established in 1998 by Arthur Lau (B. Arch. 1962) and family in memory of his father, Ping Kwan Lau, for students entering the four-year dentistry program. This Scholarship will be awarded on the basis of high academic achievement, by the Faculty of Dentistry with preference to international students and will be renewable provided the holder maintains an academic standing established by the Faculty. Value: \$3,500.

**PHYLLIS BUTTERWORTH MAJOR ENTRANCE SCHOLARSHIP**, awarded on the basis of high academic achievement and is renewable provided the holder maintains an academic standing established by the Faculty. Preference shall be given to students from the United Kingdom. Value: minimum \$5,000.

**DR. HARRY ROSEN ENTRANCE SCHOLARSHIP IN DENTISTRY**, established in 2004 by A. Bram Appel, B.Com. 1935, and Bluma Appel, in honour of Harry Rosen, D.D.S. 1953, a distinguished graduate and Professor Emeritus of the Faculty of Dentistry. Awarded by the Faculty of Dentistry to an outstanding student entering the four-year dentistry program. Renewable provided the holder maintains an academic standing established by the Faculty. Value: \$3,000.

### 5.4.2 In-course Scholarships

Each year scholarships are awarded by the Faculty to students of high academic standing who are currently enrolled in a full-time undergraduate degree program. Advanced standing students cannot compete for prizes unless they meet the precise criteria for the prizes within the specified time frame.

**DR. ERNEST R. AMBROSE SCHOLARSHIP IN DENTISTRY**, established in 2001 by Doreen Laszlo, B.Ed.(PE) 1962, D.D.S. 1969 and Charles A. Laszlo, B.Eng. 1961, M.Eng. 1966, Ph.D. 1968, to honor Ernest R. Ambrose, D.D.S. 1950, a distinguished graduate, professor and former Dean of the Faculty of Dentistry. This scholarship will be awarded by the Faculty of Dentistry Scholarships Committee to an outstanding undergraduate student in the Faculty of Dentistry, who has demonstrated common sense, compassion and excellence in restorative dentistry. Preference will be given to students who are entering the fourth year of the D.M.D. program. Value: minimum \$2,500.

**DR. STEPHEN S. CYMET SCHOLARSHIP IN DENTISTRY**, established in 2001 by Stephen S. Cymet (D.D.S. 1974), for an undergraduate student who has completed at least one year of the D.M.D. program. This scholarship will be awarded on the basis of high academic standing by the Faculty of Dentistry. Value: \$3,000.

**DR. JANET GRIFFIN-MERTH SCHOLARSHIP IN DENTISTRY**, established in 2002 through gifts from McGill Dentistry graduates in British Columbia, family and friends, to honor the memory of Janet Griffin-Merth, B.Sc. 1967, D.D.S. 1972. Janet inspired many with



her contributions to McGill and her dedication and compassion toward her patients, staff and colleagues. Awarded on the basis of academic achievement by the Faculty of Dentistry to a student who has completed at least one year of the D.M.D. program. Preference shall be given to students from British Columbia. Value: Minimum \$2,000.

**DR. JAMES E.G. HARRISON SCHOLARSHIP IN DENTISTRY**, established in 2001 by James E.G. Harrison, D.D.S. 1951. This scholarship will be awarded by the Faculty of Dentistry Scholarships Committee to a meritorious undergraduate student in the D.M.D. program who demonstrates a firm commitment to the ethical practice of dentistry in interactions with patients and colleagues or in essays on professional conduct and responsibilities. Preference will be given to students who are entering the third or fourth year of the D.M.D. program. Value: minimum \$2,000.

**DR. HOWARD S. KATZ SCHOLARSHIP IN DENTISTRY**, established in 2001 through gifts from family, friends and colleagues, to honour the memory of Howard S. Katz, B.Sc. 1967, M.Sc. 1970, Ph.D. 1973 and D.D.S. 1977, a distinguished graduate of the Faculty of Dentistry and Associate Dean (Academic) at the time of his death December 11, 1999. The Dr. Howard S. Katz Scholarship commemorates his many contributions to McGill and to the community and, in particular, his dedication to the well-being of students, patients and colleagues. This scholarship will be awarded by the Faculty of Dentistry to a student who has completed at least one year of the D.M.D. program, on the basis of academic achievement. Value: minimum \$2,100.

**DR. EARL LERNER FACULTY SCHOLARSHIP**, established in 2000 by a generous gift from Dr. Earl Lerner (D.D.S. 1963) for an undergraduate student currently enrolled in the D.M.D. program. This Scholarship will be awarded on the basis of high academic achievement, by the Faculty of Dentistry. Preference will be given to a student entering the second year of the D.M.D. program. Value: \$4,000.

**DR. WILLIAM BOROFF SCHOLARSHIP IN DENTISTRY**, established in 2004 through generous gifts from family and the McGill Dentistry Class of 1973 on their 30th Anniversary of graduation to honour the memory of their classmate, Dr. William Boroff. This Scholarship will be awarded by the Faculty of Dentistry Scholarships Committee to a meritorious undergraduate student in the D.M.D. Program who has demonstrated outstanding qualities of character, perseverance and sportsmanship. Preference will be given to a student who is entering the fourth year of the D.M.D. Program. Value: minimum \$2,000.

**DR. HARRY ROSEN SCHOLARSHIP IN DENTISTRY**, established in 2004 by A. Bram Appel, B.Com. 1935, and Bluma Appel, in honour of Harry Rosen, D.D.S. 1953, a distinguished graduate and Professor Emeritus of the Faculty of Dentistry. Awarded by the Faculty of Dentistry Scholarships Committee on the basis of high academic standing to an undergraduate student who has completed at least one year of the D.M.D. program. Preference will be given to a student entering the fourth year of studies in the D.M.D. program. Value: \$2,000.

**RENA AND MERVYN GORNITSKY SCHOLARSHIP IN DENTISTRY**, established in 2005 by Rena Gornitsky, B.Com. 1953 and Mervyn Gornitsky, B.Sc. 1951, D.D.S. 1953, a distinguished graduate and Professor Emeritus of the Faculty of Dentistry. This Scholarship will be awarded by the Faculty of Dentistry Scholarships Committee to an undergraduate student in the D.M.D. Program who has demonstrated exceptional academic performance and initiative in the area of Oral and Maxillofacial Surgery. Preference will be given to a student who is entering the fourth year of the D.M.D. program. Value: minimum \$2,000.

### 5.4.3 Medals and Prizes

#### Fourth Year:

**C.D.A. PRESIDENT'S AWARD**, donated by the Canadian Dental Association, awarded to the graduating student who, over the undergraduate years, has shown outstanding qualities of

leadership, scholarship, character, and humanity and who may be expected to have a distinguished career in the dental profession and society at large. The student must be a member of the Canadian Dental Association.

**DR. J.K. CARVER AWARD**, donated by l'Ordre des Dentistes du Québec, awarded to the student in the final year attaining the second highest overall standing in the four years of the dental undergraduate program.

**DR. LEANORE K. FEINE PRIZE**, awarded to the student in the final year who has best demonstrated commitment to the oral health of the local community throughout the clinical undergraduate program.

**DR. W.G. LEAHY PRIZE**, awarded to the student in the final year for meritorious achievement in Clinical Dentistry throughout the clinical undergraduate program.

**DR. PAUL A. MARCHAND AND MAURINE McNEIL MARCHAND PRIZE**, awarded to the student in the final year who has demonstrated the highest degree of professionalism and patient management.

**DR. JAMES McCUTCHEON MEDAL**, awarded to the member of the graduating class who has demonstrated outstanding qualities of leadership, scholarship and professional achievement throughout the four years of the program in Dentistry.

**McGILL ALUMNAE SOCIETY PRIZE**, presented annually upon graduation to a distinguished student for excellence and high academic standing. Preference given to women students.

**PRIX MICHELINE-BLAIN**, donated by the Quebec Dental Surgeons Association, awarded to a student in the graduating year who has best served the interests of his/her colleagues throughout the university years.

**DR. A. GERALD RACEY PRIZE**, awarded to the student in the final year who has excelled in the objective structured clinical examination portion of the final oral & maxillofacial examination.

**SUNSTAR GUM AWARD IN DENTISTRY**, established in 2007 by Sunstar Canada. Awarded by the Faculty of Dentistry to a student with high academic standing in the final year of the D.M.D. Program.

**DR. A.W. THORNTON GOLD MEDAL**, donated by the Montreal Dental Club, awarded to the student in the final year attaining the highest overall standing in the four years of the dental undergraduate program.

**PRIX D'EXCELLENCE JEAN-ROBERT VINCENT**, donated by the Quebec Association for Special Care Dentistry, awarded to a graduating student who attains the highest grade in Geriatric Dentistry.

**DR. A.L. WALSH PRIZE**, awarded to the student in the final year for meritorious achievement in Oral Medicine throughout the clinical undergraduate program.

#### Third Year:

**DR. L.A. COHN PRIZE**, awarded to the student attaining the highest standing in Prosthetic Dentistry in the third year of the dental undergraduate program.

**PIERRE FAUCHARD ACADEMY PRIZE**, awarded to the junior Canadian Dental Association Student Governor for demonstrating leadership in the profession.

**DR. LYMAN E. FRANCIS PRIZE**, awarded to the student in the third year of the program who has obtained the highest standing in the subjects of Pathobiology, Treatment and Prevention of Disease, Dental Pharmacology, Oral Pathology and Medicine over the second and third years of the dental undergraduate program.

**DR. GERALD FRANKLIN PRIZE**, awarded to the student attaining the highest standing in the examinations in the third year of the dental undergraduate program.

**INTERNATIONAL COLLEGE OF DENTISTS PRIZE (CANADIAN SECTION)**, awarded to the student attaining the second highest standing in the third year of the dental undergraduate program.

**DR. MORTON AND DR. JONATHAN LANG PRIZE IN DENTISTRY**, awarded by the Faculty of Dentistry Scholarships Committee to an outstanding undergraduate student on the basis of academic merit.

**Second Year:**

**DR. W.C. BUSHELL AWARD**, presented to the student attaining the highest overall standing in the Oral Disease unit in the second year of the dental curriculum.

**DR. M. DONIGAN AWARD**, presented to the student attaining the highest overall standing in the Physicianship and Dentistry Apprenticeship units in the Basis of Medicine component of the curriculum.

**DR. LEANORE K. FEINE PRIZE**, presented to the student in the second year of the dental curriculum who has best demonstrated commitment to the oral health of the local community.

**DR. MAXWELL AND BETTY L. GOLDENBERG PRIZE**, established by a generous bequest from the estate of Mrs. Betty L. Goldenberg in honour of her husband Dr. Maxwell Goldenberg, D.D.S. 1925. Awarded by the Faculty of Dentistry to the student attaining the highest standing in the Practical Clinical Component of Cycle Two (PreClinical Studies), in the second year of the dental undergraduate program. Value: minimum \$500.

**DR. I.K. LOWRY AWARD**, presented to the student attaining the highest overall standing in the Management of Oral Disease unit in the second year of the dental curriculum.

**DR. K.I. MELVILLE AWARD**, presented to the student attaining the highest overall standing in the Oral Health unit in the second year of the dental curriculum.

**DR. D.P. MOWRY AWARD**, presented to the student attaining the highest overall standing in the second year of the dental curriculum.

**First Year:**

**JAMES Q. BLISS ANNUAL BOOK AWARD**, awarded to the student who obtains the highest standing in the Gas, Fluids and Electrolytes unit. Value: \$100.

**JOSEPH MORLEY DRAKE PRIZE**, founded by the late Joseph Morley Drake, M.D. Awarded to the student with the highest standing in the Pathobiology, Prevention and Treatment of Disease unit. Value: \$300.

**SHIRLEY NANCY ENDMAN PRIZE**, established in 1982 by Louis Endman in memory of his wife. Awarded to the student who obtains the second highest standing in the Gas, Fluids and Electrolytes unit. Value: \$70.

**CHARLES E. FROSST MEDICAL PRIZE AND BRONZE MEDAL**, a bronze medal and prize of \$1,000 are awarded annually to a student, in the Basis of Medicine, who has achieved excellence in the Unit on Pathobiology, Treatment and Prevention of Disease and has demonstrated, on the basis of interviews, the most promise in the field of Pharmacology.

**ROBERT B. GREENBLATT PRIZE**, endowed in 1987 by Dr. Robert B. Greenblatt, an eminent endocrinologist and professor emeritus at the Medical College of Georgia, who graduated from McGill with a B.A. in 1928 and an M.D., C.M. in 1932. Awarded by the Faculty Scholarships Committee to the student who obtains the highest standing in the Life Cycle unit.

**JOSEPH HILS PRIZE**, founded by the late Dr. Joseph Hils, of Woonsocket, R.I. Awarded to the student obtaining the highest standing in the Musculoskeletal and Blood unit. Value: \$175.

**F. SLATER JACKSON PRIZE**, founded by Mr. and Mrs. H.F. Jackson in memory of their son, the late F. Slater Jackson, M.D. Awarded to the student with the highest standing in the Molecules, Cells and Tissues unit. Value: \$175.

**FRANCIS McNAUGHTON PRIZE**, established in 1980. Awarded to the student with the highest standing in the Nervous System and Special Senses unit. Value: \$200 and a book.

**MARK NICKERSON PRIZE**, established in 1990 by the Department of Pharmacology and Therapeutics in honour of Professor Mark Nickerson, a renowned McGill pharmacologist. Awarded to the student in the Basis of Medicine, who has achieved excellence in the unit on Pathobiology, Treatment and Prevention of Disease and has demonstrated, on the basis of interviews, an understanding of the role of pharmacology and therapeutics in contemporary society. Recipients will also receive a scroll. Value: \$250.

**SAMUEL ROSENFELD PRIZE**, awarded to the student with the highest standing in Host Defence and Host/Parasite Relationships unit. Value: \$125

**DR. ARTHUR S. SOLOMON AWARD**, presented to the student attaining the second highest standing in the Basis of Medicine component of the curriculum. Value: \$150.

**MARY AND LOUIS STREICHER PRIZE**, established in 1980. Awarded to the student with the highest standing in the Endocrinology, Metabolism and Nutrition unit. Value: \$150.

**SUTHERLAND PRIZE**, founded in 1878 by the late Mrs. Sutherland in memory of her husband, William Sutherland, M.D., formerly Professor of Chemistry in the Faculty. Awarded to the student who obtains the highest standing in the Basis of Medicine component of the medical undergraduate curriculum. Value: \$250.

The Faculty of Dentistry is well aware of the many awards and prizes that are offered to students through various academies, associations and commercial dental manufacturers. However, due to Faculty policy which was initiated by the Dental Students' Society, only official prizes and awards that are listed in the health Sciences Calendar will be recognized on student records.

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#### 5.4.4 Loans

The University has a fund from which loans may be made to students of good academic standing.

L'Ordre des Dentistes du Québec has created a loan fund to assist students of the Faculty who are registered with the Order. The W.R. Aird Loan Fund, W.K. Kellogg Foundation Loan Fund, the Dental Students' Society Dean D.P. Mowry Memorial Fund, and the Dr. Stan Smaill Memorial Bursary are available to assist any student registered in the Faculty.

Applications for financial assistance should be made to the Student Aid Office at 3600 McTavish Street.

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#### 5.4.5 Dental Officer Training Plan

The Dental Officer Training Plan is a subsidization plan offered to eligible dental undergraduates by the Canadian Forces in return for a short period of service following graduation.

Under the plan, candidates are provided with a second lieutenant's rank and salary, and payment for tuition, instruments, supplies, and books. During the summer months, candidates undergo officer training.

To be eligible a student must be able to meet the Canadian Forces standards for enrolment and be academically acceptable, without condition, to any one of the four professional years of the dental program.

Full details of the Dental Officer Training Plan may be obtained from the Commanding Officer, Canadian Forces Recruiting Centre, 1420 Sainte Catherine Street West, Montreal, QC H3G 1R3.

## 5.5 D.M.D. Curriculum

### 5.5.1 Curriculum Outline

\* The curriculum is under constant revision.

#### BASIS OF MEDICINE AND DENTISTRY

Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April-May	May-June	July	Aug.
Unit 1 Molecules, Cells & Tissues  (4 weeks)	Unit 2 Gas, Fluids & Electrolytes  (9 weeks)		Unit 3 Life Cycle  (3 weeks)	Unit 4 Endocrinology, Metabolism & Nutrition  (7 weeks)		Unit 5 Musculo- skeletal & Blood  (4 weeks)	Unit 6 Nervous System & Special Senses  (7 weeks)	Unit 7 Host Defense & Host Parasite (6 weeks)	Summer Vacation/ Research	
Physicianship 1 Dentistry Apprenticeship 1										

#### BOM AND DENTISTRY

Sept.	Oct.	Nov.	Dec.
Unit 8 Pathobiology, Treatment & Prevention of Disease  (14 weeks)			
Physicianship 2 Dentistry Apprenticeship 2			

#### PRECLINICAL STUDIES

Jan.	Feb.	March	April	May	June	July	Aug.	
Unit 10 Oral Health						Summer Vacation/ Research		
	U11 Oral Dis.							
Unit 12 Management of Oral Disease								
Unit 13 Dental Public Health								

#### CLINICAL STUDIES – THIRD YEAR

Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.			
DENT 305	Dental Public Health		V A C A T I O N	DENT 305	Dental Public Health	1 w e e k	DENT 305	Dent. Pub. Health	V A C A T I O N	DENT 314	V A C A T I O N			
DENT 310	Clinical Practice/ Jr Clerkship			DENT 310	Clinical Practice/ Jr Clerkship		DENT 310	Clinical Practice/ Jr Clerkship		DENT 310		Clinical Practice/ Jr Clerkship	DENT 314	Summer Clinic/ Externships
DENT 311	Endodontics			DENT 311	Endodontics		DENT 311	Endodontics		DENT 311		Endodontics		
				DENT 313	Community Clinics		DENT 313	Comm. Clinics		DENT 313		Comm. Clinics		
DENT 315	Orthodontics			DENT 315	Orthodontics		DENT 315	Orthodontics		DENT 315		Orthodontics		
DENT 316	Pediatric Dentistry			DENT 316	Pediatric Dentistry		DENT 316	Pediatric Dent.		DENT 316		Pediatric Dent.		
DENT 317	Oral Pathology & Medicine			DENT 317	Oral Path & Med		DENT 317	Oral Path & Med.		DENT 317		Oral Path & Med.		
DENT 318	Periodontology			DENT 318	Periodontology		DENT 318	Periodontology		DENT 318		Periodontology		
DENT 319	Dental Pharmacology			DENT 319	Dental Pharmacol.		DENT 319	Dent Pharmacol.		DENT 319		Dent Pharmacol.		
DENT 320	Restorative Dentistry			DENT 320	Restorative Dent.		DENT 320	Restorative Dent.		DENT 320		Restorative Dent.		
DENT 322	Image Interpretation													
DENT 323	Oral & Maxillofacial Surgery			DENT 323	Oral & Max.Surgery		DENT 323	Oral & Max.Surg.		DENT 323		Oral & Max.Surg.		
				DENT 337	Clinical Decision Making		DENT 337	Clinical Decision Making		DENT 337		Clinical Decision Making		

#### CLINICAL STUDIES – FOURTH YEAR

Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April
DENT 405	Practice Management		V A C A T I O N	DENT 405	Practice Management		
DENT 409	Advanced Restorative Dent.			DENT 409	Advanced Restorative Dentistry		
DENT 410	Clinical Practice/Sr Clerkship			DENT 410	Clinical Practice/Sr Clerkship		
DENT 411	Endodontics			DENT 411	Community Clinics		
DENT 413	Community Clinics			DENT 415	Orthodontics		
DENT 415	Orthodontics			DENT 416	Pediatric Dentistry		
DENT 416	Pediatric Dentistry			DENT 423	Oral Maxillofacial Surg & Path		
DENT 418	Periodontology			DENT 437	Clinical Decision Making		
DENT 423	Oral Maxillofacial Surg & Path						
DENT 437	Clinical Decision Making						

## 5.5.2 Courses of Instruction

The course weight is given in parenthesis after the title.

### 5.5.2.1 Basis of Medicine and Dentistry

#### UNIT 1 –

**INDS 101 MOLECULES, CELLS AND TISSUES.** (6) This unit will examine the biosynthesis and assembly of macro-molecules with emphasis on cell and tissue organization and function. The structure and organization of the skin, nerves and the embryo will be surveyed in detail and used as model systems to study the major biochemical, physiological, genetic and molecular principles of cells.

#### UNIT 2 –

**INDS 103 GAS, FLUID AND ELECTROLYTES.** (14) This unit will discuss the embryological development, gross anatomy, histology and physiology of the cardiovascular, respiratory and renal systems. The biochemistry of lipids and proteins and the anatomy and physiology of the autonomic nervous system will also be covered.

#### UNIT 3 –

**INDS 105 LIFE CYCLE.** (4) This unit is designed as an introduction to the basic science that will enable the student to understand human reproduction. The embryology, histology, and anatomy of the reproductive tract will be covered. Human development from genetics, to embryo, to parturition, will be explored and how this knowledge can be applied to clinical medicine in resolving problems of infertility, fetal and maternal morbidity, and menopause.

#### UNIT 4 –

**INDS 104 ENDOCRINOLOGY, METABOLISM AND NUTRITION.** (11) This unit provides an overview of the gross and microscopic structure of the gastrointestinal tract and its accessory organs, along with a grounding in the principles of nutrition and digestion. Emphasis is also placed on those aspects of system and molecular endocrinology which regulate and integrate various metabolic activities.

#### UNIT 5 –

**INDS 102 MUSCULOSKELETAL AND BLOOD.** (6) The objectives of this unit are to study the structure and function of the components of the musculoskeletal and blood systems. The interaction of the structure and function will be examined. The embryology, macroscopic and microscopic anatomy as well as molecular structure and function relating to the musculoskeletal and blood systems will be discussed. Lectures, laboratory sessions, small group seminars as well as audio-visual presentations, multi-discipline clinically applied sessions, computer assisted instruction and independent self-directed learning will be utilized to achieve these goals.

#### UNIT 6 –

**INDS 106 NERVOUS SYSTEM AND SPECIAL SENSES.** (12) The content of this unit includes the anatomy of the head and neck and anatomical, physiological, biochemical and behavioural aspects of the organization of the nervous system and special senses. The material is presented in an integrated series of lectures and laboratory classes combined with small group clinical problem sessions designed to illustrate the clinical relevance of the material.

#### UNIT 7 –

**INDS 207D1 (6), INDS 207D2 (6) HOST DEFENSE AND HOST/PARASITE.** (Students must register for both INDS 207D1 and INDS 207D2.) (No credit will be given for this course unless both INDS 207D1 and INDS 207D2 are successfully completed in consecutive terms) Infectious diseases arise from dynamic interactions between humans and microorganisms. Using lectures, case-oriented small groups, laboratory sessions, and independent learning, an integrated overview of the basic microbiology of organisms, our immune defenses and how they may be subverted, and approaches to the prevention and control of infection will be provided.

#### UNIT 8 –

**INDS 208 PATHOBIOLOGY TREATMENT & PREVENTION OF DISEASE.** (20) This unit covers the scientific basis of the diagnosis, prevention and drug therapy of selected diseases. The organ/system approach examining pathogenesis, pathology and pathophysiology, and pharmacological principles of treatment of diseases in the individual is integrated with the epidemiology and genetics in the population.

**INDS 120J1 PHYSICIANSHIP 1.** (1) (Restrictions: M.D., C.M. and D.D.M. students only.) (Students must also register for INDS 120J2 and INDS 120J3) (No credit will be given for this course unless INDS 120J1, INDS 120J2 and INDS 120J3 are all successfully completed in consecutive terms) The following themes will be introduced: the physician as professional and healer, building the physician/patient alliance, the clinical method. Specific topics that will be covered include: observation skills, skillful listening, life cycle, content of the medical interview, issues in death and dying, and methodology for ethical decision-making.

**INDS 120J2 PHYSICIANSHIP 1.** (1) (Prerequisite: INDS 120J1) (Students must also register for INDS 120J3) (No credit will be given for this course unless INDS 120J1, INDS 120J2 and INDS 120J3 are all successfully completed in consecutive terms) See INDS 120J1 for course description.

**INDS 120J3 PHYSICIANSHIP 1.** (1) (Prerequisite: INDS 120J2) (No credit will be given for this course unless INDS 120J1, INDS 120J2 and INDS 120J3 are all successfully completed in consecutive terms) See INDS 120J1 for course description.

#### UNIT 9 –

**DENT 101J1 DENTISTRY APPRENTICESHIP 1.** (0.666) (Restriction: DMD students only.) (Students must also register for DENT 101J2 and DENT 101J3.) (No credit will be given for this course unless DENT 101J1, DENT 101J2 and DENT 101J3 are all successfully completed in consecutive terms.) Guiding and mentoring students in their transition from laypeople to dentists, promoting professionalism, patient-centred approach, and self-reflection.

**DENT 101J2 DENTISTRY APPRENTICESHIP 1.** (0.667) (Prerequisite: DENT 101J1.) (Students must also register for DENT 101J3.) (No credit will be given for this course unless DENT 101J1, DENT 101J2 and DENT 101J3 are all successfully completed in consecutive terms.) See DENT 101J1 for course description.

**DENT 101J3 DENTISTRY APPRENTICESHIP 1.** (0.666) (Prerequisite: DENT 101J2.) (No credit will be given for this course unless DENT 101J1, DENT 101J2 and DENT 101J3 are all successfully completed in consecutive terms.) See DENT 101J1 for course description.

**DENT 201 DENTISTRY APPRENTICESHIP 2.** (1) (Restriction: DMD students only.) Guiding and mentoring students in their transition from laypeople to dentists, promoting professionalism, patient-centred approach, and self-reflection.

**INDS 220 PHYSICIANSHIP 2.** (1) This course continues the introduction of the Physicianship program to the M.D., C.M. curriculum.

### 5.5.2.2 Preclinical Studies

#### UNIT 10 –

**DENT 202 ORAL HEALTH.** (8) Anatomy, growth and development of the oro-facial region, including the teeth, composition and function of saliva, the normal oral microflora and some physiology in relation to the oro-facial complex.

#### UNIT 11 –

**DENT 203 ORAL DISEASE.** (4) Caries, periodontal, pulpal and periapical diseases from their etiology to their detection, craniofacial dysmorphology and growth and development problems.

#### UNIT 12 –

**DENT 204D1 (12.5), DENT 204D2 (12.5) MGMT DISEASES/DYSF OROFCL COMP.** (Students must register for both DENT 204D1 and DENT 204D2.) (No credit will be given for this course unless both DENT 204D1 and DENT 204D2 are successfully completed in consecutive terms). This course addresses the management of

the conditions discussed in DENT 203 as well as principles of oral medicine and radiology. It contains a heavy laboratory component in which the students will acquire the technical skills required for treating patients.

#### UNIT 13 –

**DENT 205D1 (1.5), DENT 205D2 (1.5) DENTAL PUBLIC HEALTH 1.** (Students must register for both DENT 205D1 and DENT 205D2.) (No credit will be given for this course unless both DENT 205D1 and DENT 205D2 are successfully completed in consecutive terms) This course is designed to provide students with a broad understanding of the theory and principles of public health, behavioural sciences, communication skills, ethical and legal issues relevant to clinical practice. A basic understanding of the theory and practice of health promotion and the opportunities to promote oral health and prevent disease at an individual and population level will be discussed. This includes epidemiology, a knowledge of the structure and organization of the health system (in particular the key features, characteristics and issues affecting the dental care system in Canada), the theory of statistics and skills needed to apply basic statistical methods to oral health data in order to critically interpret the statistical contents of research findings, human nutrition and its implications in the prevention of dental caries.

#### 5.5.2.3 Clinical Studies - Third Year

**DENT 305J1 DENTAL PUBLIC HEALTH 2.** (1) (Students must also register for DENT 305J2 and DENT 305J3) (No credit will be given for this course unless DENT 305J1, DENT 305J2 and DENT 305J3 are all successfully completed in consecutive terms) Oral health promotion in the community, dentist-patient relationship and communication with an emphasis on the needs of underserved populations.

**DENT 305J2 DENTAL PUBLIC HEALTH 2.** (1) (Prerequisite: DENT 305J1) (Students must also register for DENT 305J3) (No credit will be given for this course unless DENT 305J1, DENT 305J2 and DENT 305J3 are all successfully completed in consecutive terms) See DENT 305J1 for course description.

**DENT 305J3 DENTAL PUBLIC HEALTH 2.** (1) (Prerequisite: DENT 305J2) (No credit will be given for this course unless DENT 305J1, DENT 305J2 and DENT 305J3 are all successfully completed in consecutive terms) See DENT 305J1 for course description.

**DENT 310J1 CLINICAL PRACTICE/JUNIOR CLERKSHIP.** (4) (Students must also register for DENT 310J2 and DENT 310J3) (No credit will be given for this course unless DENT 310J1, DENT 310J2 and DENT 310J3 are all successfully completed in consecutive terms) Introduction to clinical dentistry in a multidisciplinary environment with emphasis on information gathering, diagnosis, treatment planning and acquisition of basic clinical skills.

**DENT 310J2 CLINICAL PRACTICE/JUNIOR CLERKSHIP.** (4) (Prerequisite: DENT 310J1) (Students must also register for DENT 310J3) (No credit will be given for this course unless DENT 310J1, DENT 310J2 and DENT 310J3 are all successfully completed in consecutive terms) See DENT 310J1 for course description.

**DENT 310J3 CLINICAL PRACTICE/JUNIOR CLERKSHIP.** (4) (Prerequisite: DENT 310J2) (No credit will be given for this course unless DENT 310J1, DENT 310J2 and DENT 310J3 are all successfully completed in consecutive terms) See DENT 310J1 for course description.

**DENT 311J1 ENDODONTICS.** (1) (Students must also register for DENT 311J2 and DENT 311J3) (No credit will be given for this course unless DENT 311J1, DENT 311J2 and DENT 311J3 are all successfully completed in consecutive terms) Microbiology and immunology, pathology, histology, oral surgery, and dental anatomy as they apply to endodontics.

**DENT 311J2 ENDODONTICS.** (1) (Prerequisite: DENT 311J1) (Students must also register for DENT 311J3) (No credit will be given for this course unless DENT 311J1, DENT 311J2 and DENT 311J3 are all successfully completed in consecutive terms) See DENT 311J1 for course description.

**DENT 311J3 ENDODONTICS.** (1) (Prerequisite: DENT 311J2) (No credit will be given for this course unless DENT 311J1, DENT 311J2 and DENT 311J3 are all successfully completed in consecutive terms) See DENT 311J1 for course description.

**DENT 314 SUMMER CLINIC/EXTERNSHIPS.** (3) Summer Clinic concentrates on the treatment and management of patients, including patients with handicaps. Externships and research projects for an equal duration are acceptable alternatives with prior approval from the course director.

**DENT 315J1 ORTHODONTICS.** (0.7) (Students must also register for DENT 315J2 and DENT 315J3) (No credit will be given for this course unless DENT 315J1, DENT 315J2 and DENT 315J3 are all successfully completed in consecutive terms) Basic principles of growth and development, diagnosis and treatment planning, biomechanics and basic orthodontic techniques with clinical experience in preventive, interceptive and limited corrective treatments.

**DENT 315J2 ORTHODONTICS.** (0.7) (Prerequisite: DENT 315J1) (Students must also register for DENT 315J3) (No credit will be given for this course unless DENT 315J1, DENT 315J2 and DENT 315J3 are all successfully completed in consecutive terms) See DENT 315J1 for course description.

**DENT 315J3 ORTHODONTICS.** (0.6) (Prerequisite: DENT 315J2) (No credit will be given for this course unless DENT 315J1, DENT 315J2 and DENT 315J3 are all successfully completed in consecutive terms) See DENT 315J1 for course description.

**DENT 316D1 (2), DENT 316D2 (2) PEDIATRIC DENTISTRY.** (Students must register for both DENT 316D1 and DENT 316D2.) (No credit will be given for this course unless both DENT 316D1 and DENT 316D2 are successfully completed in consecutive terms) Oral health, oral medicine, prevention, and management of oral disease including restorative procedures in children.

**DENT 317D1 (1.5), DENT 317D2 (1.5) ORAL PATHOLOGY AND MEDICINE.** (Students must register for both DENT 317D1 and DENT 317D2.) (No credit will be given for this course unless both DENT 317D1 and DENT 317D2 are successfully completed in consecutive terms) The nature, identification, and management of diseases affecting the oral and maxillofacial regions.

**DENT 318J1 PERIODONTOLOGY.** (1) (Students must also register for DENT 318J2 and DENT 318J3) (No credit will be given for this course unless DENT 318J1, DENT 318J2 and DENT 318J3 are all successfully completed in consecutive terms) Emphasis is on practical treatment including occlusal, sanative, curative and preventative modalities.

**DENT 318J2 PERIODONTOLOGY.** (1) (Prerequisite: DENT 318J1) (Students must also register for DENT 318J3) (No credit will be given for this course unless DENT 318J1, DENT 318J2 and DENT 318J3 are all successfully completed in consecutive terms) See DENT 318J1 for course description.

**DENT 318J3 PERIODONTOLOGY.** (1) (Prerequisite: DENT 318J2) (No credit will be given for this course unless DENT 318J1, DENT 318J2 and DENT 318J3 are all successfully completed in consecutive terms) See DENT 318J1 for course description.

**DENT 319D1 (1.5), DENT 319D2 (1.5) DENTAL PHARMACOLOGY.** (Students must register for both DENT 319D1 and DENT 319D2.) (No credit will be given for this course unless both DENT 319D1 and DENT 319D2 are successfully completed in consecutive terms) A study of the drugs that have special application to dentistry including general anaesthesia.

**DENT 320J1 RESTORATIVE DENTISTRY.** (2.33) (Students must also register for DENT 106J2 and DENT 106J3) (No credit will be given for this course unless DENT 106J1, DENT 106J2 and DENT 106J3 are all successfully completed in consecutive terms) (Restrictions: Not open to students who have taken DENT 320D1/D2, DENT 321D1/D2, DENT 336D1/D2, DENT 339D1/D2.) Diagnosis, treatment planning and restorative procedures to prevent deterioration of healthy teeth and to restore diseased, damaged, worn or lost teeth by means of direct and indirect operative restorations, and fixed, removable and implant prosthodontics.



**DENT 320J2 RESTORATIVE DENTISTRY.** (2.33) (Prerequisite: DENT 106J1) (Students must also register for DENT 106J3) (No credit will be given for this course unless DENT 106J1, DENT 106J2 and DENT 106J3 are all successfully completed in consecutive terms) (Restrictions: Not open to students who have taken DENT 320D1/D2, DENT 321D1/D2, DENT 336D1/D2, DENT 339D1/D2.) See DENT 320J1 for course description.

**DENT 320J3 RESTORATIVE DENTISTRY.** (2.33) (Prerequisite: DENT 106J2) (No credit will be given for this course unless DENT 106J1, DENT 106J2 and DENT 106J3 are all successfully completed in consecutive terms) (Restrictions: Not open to students who have taken DENT 320D1/D2, DENT 321D1/D2, DENT 336D1/D2, DENT 339D1/D2.) See DENT 320J1 for course description.

**DENT 322 IMAGE INTERPRETATION.** (3) Image interpretations of various conditions affecting the head and neck region and clinical rotation in oral diagnosis and radiology.

**DENT 323J1 ORAL AND MAXILLOFACIAL SURGERY.** (1.33) (Students must also register for DENT 323J2 and DENT 323J3) (No credit will be given for this course unless DENT 323J1, DENT 323J2 and DENT 323J3 are all successfully completed in consecutive terms) Diagnosis and management of the oral surgical problems encountered in general practice and exodontia clinical rotation.

**DENT 323J2 ORAL AND MAXILLOFACIAL SURGERY.** (1.33) (Prerequisite: DENT 323J1) (Students must also register for DENT 323J3) (No credit will be given for this course unless DENT 323J1, DENT 323J2 and DENT 323J3 are all successfully completed in consecutive terms) See DENT 323J1 for course description.

**DENT 323J3 ORAL AND MAXILLOFACIAL SURGERY.** (1.33) (Prerequisite: DENT 323J2) (No credit will be given for this course unless DENT 323J1, DENT 323J2 and DENT 323J3 are all successfully completed in consecutive terms) See DENT 323J1 for course description.

**DENT 337 CLINICAL DECISION MAKING.** (2) Development of a treatment plan for patients requiring complete mouth restoration involving multidiscipline restorative procedures with an emphasis on clinical decision making.

#### 5.5.2.4 Clinical Studies - Fourth Year

**DENT 405D1 (1.5), DENT 405D2 (1.5) PRACTICE MANAGEMENT.** (Students must register for both DENT 405D1 and DENT 405D2.) (No credit will be given for this course unless both DENT 405D1 and DENT 405D2 are successfully completed in consecutive terms) Law, ethical and professional issues relevant to the practice of dentistry and management of the business of dentistry.

**DENT 409D1 (1), DENT 409D2 (1) ADVANCED RESTORATIVE DENTISTRY.** (Students must register for both DENT 409D1 and DENT 409D2.) (No credit will be given for this course unless both DENT 409D1 and DENT 409D2 are successfully completed in consecutive terms) This course will focus on didactic and theoretical aspects of the clinical management of more complex restorative challenges that the senior students might expect to encounter in their final year clinical program or in private practice following graduation.

**DENT 410D1 (5.5), DENT 410D2 (5.5) CLINICAL PRACTICE/SENIOR CLERKSHIP.** (Students must register for both DENT 410D1 and DENT 410D2.) (No credit will be given for this course unless both DENT 410D1 and DENT 410D2 are successfully completed in consecutive terms) Comprehensive management of patients with complex oral health needs involving all aspects of clinical dentistry.

**DENT 411D1 (0.5), DENT 411D2 (0.5) ENDODONTICS.** (Students must register for both DENT 411D1 and DENT 411D2.) (No credit will be given for this course unless both DENT 411D1 and DENT 411D2 are successfully completed in consecutive terms) Seminars given throughout the Fourth Year.

**DENT 413 COMMUNITY CLINICS.** (2) (Note: Participation in community clinics in the first, second and third year of the program.) (Restriction: Not open to students who have taken DENT 313.)

Oral health care of the underprivileged in outreach community locations and in the hospital environment.

**DENT 415D1 (1.5), DENT 415D2 (1.5) ORTHODONTICS.** (Students must register for both DENT 415D1 and DENT 415D2.) (No credit will be given for this course unless both DENT 415D1 and DENT 415D2 are successfully completed in consecutive terms) Basic principles of growth and development, diagnosis and treatment planning, biomechanics and basic orthodontic techniques with clinical experience in preventive, interceptive and limited corrective treatments.

**DENT 416D1 (2), DENT 416D2 (2) PEDIATRIC DENTISTRY.** (Students must register for both DENT 416D1 and DENT 416D2.) (No credit will be given for this course unless both DENT 416D1 and DENT 416D2 are successfully completed in consecutive terms) This course comprises lectures, seminars reviewing pertinent literature, and clinical treatment of children at the McCall Dental Clinic. The aim of this course is to teach the students comprehensive dental care for children.

**DENT 418D1 (1), DENT 418D2 (1) PERIODONTOLOGY.** (Students must register for both DENT 418D1 and DENT 418D2.) (No credit will be given for this course unless both DENT 418D1 and DENT 418D2 are successfully completed in consecutive terms) Emphasis is on practical treatment including occlusal, sanative, curative and preventative modalities.

**DENT 423D1 (2.5), DENT 423D2 (2.5) ORAL MAXILLOFACIAL SURGERY & PATHOLOGY.** (Students must register for both DENT 423D1 and DENT 423D2.) (No credit will be given for this course unless both DENT 423D1 and DENT 423D2 are successfully completed in consecutive terms) Diagnosis and management of craniofacial developmental defects, oral disease and surgical problems encountered in dentistry and emergency and exodontia clinical rotation.

**DENT 437D1 (1), DENT 437D2 (1) CLINICAL DECISION MAKING.** (Students must register for both DENT 437D1 and DENT 437D2.) (No credit will be given for this course unless both DENT 437D1 and DENT 437D2 are successfully completed in consecutive terms) Development of a treatment plan for patients requiring complete mouth restoration involving multidiscipline restorative procedures with an emphasis on clinical decision making.

#### 5.5.2.5 Other Requirements

##### Table Clinics

Students are required to present at least one table clinic on an approved topic while enrolled in the undergraduate program.

##### Cardiopulmonary Resuscitation

Students are required to participate in a CPR training session during every year of the D.M.D. program.

## 5.6 Promotion

### 5.6.1 Standards of Behavior

The teacher/learner relationship is based on mutual trust, respect and responsibility. The Faculty of Dentistry therefore has many legitimate expectations related to the behaviour of students and faculty members. A Code of Conduct for the undergraduate medical program is printed in the Students' Handbook (distributed at orientation). The Faculty is committed to providing a learning environment which respects this Code. Student/faculty harassment, abuse and mistreatment are not tolerated. An evaluation protocol for professional behaviour is in the development phase. Students who demonstrate inappropriate professional conduct or are found guilty of a criminal offence may be dismissed from the Program.

## 5.6.2 General Principles of Evaluation and Promotion

All issues related to student promotion and graduation are the responsibility of the Student Promotion Committees.

The Evaluation System is under constant review by the Faculty. The Faculty reserves the right to change rules and regulations at any time, although in general such changes will not come into effect in the middle of an academic year/promotion period.

1. In the first 16 months of the program, students' promotion is governed by the rules and regulations of the Faculty of Medicine (see *Student Handbook*).
2. An overall final mark of 60% is required to pass a course. The passing grade on any remedial activity or supplemental examination is 60%.
3. Students are required to attend all clinical sessions and laboratory sessions. Each absence due to illness or compassionate reasons must be substantiated by written documentation. More than one absence per unit must be referred to the Associate Dean. Repeated absences could result in a failure on the unit or course evaluation.
4. A student must pass both sections of a course comprising a didactic and a practical/clinical section.
5. Students are required to take and pass the Basic Cardiac Life Support (BCLS) or equivalent annually.
6. A student must have an overall GPA of 2.9 during the Preclinical program, Third year and Fourth year.
7. A student with an cumulative GPA of less than 2.9 during the Preclinical program, Third year or Fourth year, will be permitted to write a maximum of two supplemental examinations each year to raise his/her GPA.
8. A student who fails a maximum of two courses during the Preclinical program, Third year or Fourth year, will be permitted to write supplemental examinations in the courses failed.
9. A student who fails in a course comprising a practical or clinical component may be required to fulfill prescribed additional laboratory or clinical work or may be required to repeat the year. A fee may be attached to these requirements.
10. Supplemental examinations will be held during the month of August. There is a fee of \$35 for each supplemental examination.
11. Deferred examinations will be held as soon as possible after the original examination. There is a fee of \$35 for each deferred examination.
12. A student who fails more than two courses per year will be required to repeat the year.
13. Failure in any supplemental examination or remedial evaluation will require the student to repeat the year.
14. The Student Promotion Committee will review the entire record of any student in the following circumstances: academic difficulty, unprofessional behaviour, drug or substance abuse, criminal activity, illness interfering with performance, etc. This could result in the student being dismissed from the program or a suspension from the program for up to one year. The Student Promotion Committee has the right to dismiss any student who is considered unsuitable or incompetent for the practice of dentistry.
15. Cheating on examinations including examinations administered by the Faculty of Dentistry on behalf of external agencies is an academic offence.
16. A student will be placed on "probation" by the Faculty of Dentistry Student Promotion Committee for any of the following reasons:
  - Student obtains one "fail" or "unsatisfactory" clinical evaluation.
  - Student obtains "below expectations" clinical evaluations in two courses in the same academic year.
  - Unprofessional behavior and/or disciplinary action resulting from violations of the Code of Ethics of the Order of Dentists of Quebec.

17. "Probation" means the following:

- Specific remedial activity may be required to address areas of weakness.
  - Specific performance criteria may be imposed.
  - Student will be required to meet on a regular basis with the Associate Dean and/or delegate.
18. A student who is placed on probation is automatically monitored by the Student Promotion Committee. The subsequent course is determined by that body; options include continued probation, remedial activity, repeat of a promotion period, or dismissal from the program.
  19. A student may not repeat more than one year in the curriculum.
  20. A student who is repeating a year must attain passing final grades in all courses and sections and a GPA of 2.9 or higher in the repeat year. If this standard is not achieved the student will be dismissed from the program.

## 5.6.3 Grade Point Average (GPA)

The Faculty of Dentistry has adopted a grade point average system similar to the one used by the undergraduate faculties. Official transcripts will show the letter grade and the class average for each course offered by the Faculty of Dentistry.

Listed below are the letter grades and their grade point equivalents:

Grades	Grade Points	Numerical Scale of Marks
A	4.0	85 - 100%
A-	3.7	80 - 84%
B+	3.3	75 - 79%
B	3.0	70 - 74%
B-	2.7	65 - 69%
C+	2.3	60 - 64%
F (Fail)	0	0 - 59%

Letter grades are assigned grade points according to the table shown above. A student's academic standing will be determined on the basis of a grade point average (GPA), which is calculated by dividing the sum of the course credit times the grade points by the total course GPA credits.

GPA credits are the credits of courses with grades that are assigned grade points.

$$\text{GPA} = \frac{\sum (\text{course credit} \times \text{grade points})}{\sum (\text{GPA course credits})}$$

The term grade point average (TGPA) will be the GPA for a given term calculated using all the applicable courses at the same level in that term. The cumulative grade point average (CGPA) will be the GPA calculated using the student's entire record of applicable courses at McGill at the same level; if the level is changed, e.g., from undergraduate to graduate, the CGPA starts again.

## 5.6.4 Examinations

For more information on Examinations, see [section 3.6 "Examinations"](#).

## 5.6.5 Attendance

Students are encouraged to attend all lectures. Attendance is mandatory for small groups, clinical sessions, laboratories and rotations.

Students who have failed to attend 75% of the lectures in any course may be refused the right to attempt the final examination in that course. Students failing to attend mandatory activities as described in the course outline risk failing the course.

## 5.6.6 Reread Policy

### 5.6.6.1 Consultation

In accordance with the Charter of Student Rights, and subject to the conditions stated therein, "every student has the right to consult any written submission for which he or she has received a mark and a right to discuss this submission with the examiner".

Students have seven calendar days after receiving their mark to ask for a consultation. Requests for consultations should be addressed directly to the examiner. The examiner has the option of meeting with the student to answer any questions that the student may have about the grading of the paper, or may supply the student with the correct answers to the examination questions in writing. The student may review these in the presence of the Faculty member or designate, but may not take any document away.

#### 5.6.6.2 Verification

In a case where a student feels that an error has been made in arriving at the final grade, the student can request that the examiner verify that all questions have been marked and that the final grade has been computed correctly.

#### 5.6.6.3 Reread

In accordance with the Charter of Student Rights, students have the right, subject to reasonable administrative arrangements, "to an impartial and competent review of any mark". The request for a reread must be received within seven calendar days after the consultation. A \$35 fee for reread will be charged to the student's McGill account. This will be reimbursed if there is a change upwards in the letter grade for the course.

The request for a formal reread must be made by the student, in writing, to the Faculty of Dentistry, Office of the Administrative Assistant (Student Affairs), and include reasons to justify the request. It must include a statement that the student has already met with the examiner to review the mark or indicating why this has not been possible. In the case of requests for rereads of group work, all members of the group must sign the request, indicating that they agree to the reread. Rereads for computer-scored examinations are not possible, but students may ask for a verification. There are no re-evaluations of oral examinations and laboratory examinations.

A list of possible re-readers will be obtained by the Office of the Administrative Assistant (Student Affairs) by contacting the Director of the Division involved in the reread. The Associate Dean (Academic Affairs) selects the second reader. The Office of the Administrative Assistant (Student Affairs) conducts all communication with second reader. The second reader is given the original documents, with marginalia, summary comments, and mark intact, as well as pertinent notes from the first examiner describing issues such as the general nature of the course or the assignment and grading schemes. The student's and the instructor's name are blanked out to reduce the possibility of prejudice, and to help meet the requirements of the Charter of Student Rights. The re-reader's name will not be made known to the student or examiner at any time. The second reader will provide an assessment of the work, in writing, to the Faculty of Dentistry. This assessment will also be transmitted to the first examiner.

As a result of the reread process, the grade may become higher, lower or remain unchanged. The grade submitted by the second reader replaces the original grade and cannot be challenged. The new grade will be communicated to the student in a letter from the Office of the Administrative Assistant (Student Affairs) with a copy to the first examiner.

#### 5.6.6.4 Appeals

Appeals of a Student Promotions Committee decision may be made only if procedural fairness was not observed or if the student was required to withdraw from the Faculty. Students must submit their appeal, in writing, to the Dean within five working days of having been notified of the matter which is being appealed. The Dean shall decide to either uphold or reverse the decision of the Student Promotions Committee.

## 5.7 Multidisciplinary Residency Program

A multidisciplinary residency training program is offered at five of the McGill teaching hospitals: the Montreal Children's Hospital, the Montreal General Hospital, the Queen Elizabeth Health Complex,

the Royal Victoria Hospital and the Sir Mortimer B. Davis-Jewish General Hospital. Positions are available each year starting July 1.

In order to be considered for a residency position, candidates who have not graduated from high school in the Province of Quebec must have successfully fulfilled the French language test of the Office de la langue française before applying.

Applicants for these positions must submit their applications to the Faculty by September 30<sup>th</sup> ([www.mcgill.ca/applying](http://www.mcgill.ca/applying), program: Dental Residency, MDT). Further details may be obtained by writing to the Multidisciplinary Residency Program at the Faculty of Dentistry, McGill University, 3640 University Street, Montreal, QC H3A 2B2 or visiting the Website at [www.mcgill.ca/dentistry](http://www.mcgill.ca/dentistry).

Applicants must hold a licence to practice dentistry in Quebec or be graduates from an accredited Canadian or American Dental School.

Residents enrolled in the McGill Multidisciplinary Residency program will participate in a Conscious Sedation Program. This course consists of didactic and practical components designed to provide participants with experience in the selection and application of various modalities of intravenous, oral and inhalation conscious sedation. Certification in Advanced Cardiac Life Support as well as anesthesia rotation are obligatory components of this course. Successful completion of all aspects of this course and documentation of appropriate numbers of cases will qualify interested individuals to sit for an examination leading to certification.

## 5.8 Graduate and Post-Graduate Programs

For a information regarding Graduate and Post-Graduate Programs, refer to the *Graduate and Postdoctoral Studies Calendar*.

## 5.9 Continuing Dental Education

The Faculty sponsors courses in Continuing Dental Education which are recognized for Continuing Dental Education credits by dental licensing bodies.

Generally the Faculty offers a series of courses in various clinical and basic sciences related to dentistry. These are provided in both small and larger group sessions to enhance the learning process. The courses are designed to meet the needs of dental practitioners and researchers, to keep them abreast of current concepts and practices and to make them aware of recent advances in dental science.

## 5.10 Academic Staff

### *Emeritus Professors*

Kenneth C. Bentley; D.D.S., M.D., C.M.(McG.), Cert. Oral Surg.(NYU Bellevue), F.I.C.D., F.A.C.D., F.R.C.D., Hon. F.R.C.D.(C), F.I.D.S.A., F.P.F.A.  
Mervyn Gornitsky; B.Sc., D.D.S.(McG.), F.R.C.D.(C), F.A.C.D., F.I.C.D., F.A.D.Q., F.A.A.H.D., F.A.I.D.S. and Cert. Oral Surgery(NYU)  
Harry Rosen; B.Sc., D.D.S.(McG.), F.I.C.D., F.A.C.D., M.R.C.D.(C), F.A.D.I.

### *Professors*

Gary Bennett; B.A.(Rutg.), M.A., Ph.D.(Virg.)  
Catherine M. Bushnell; B.A.(Md), M.A., Ph.D.(Amer.)  
Fernando Cervero; M.B., Ch.B., Ph.D.(Madrid), D.Sc.(Edin.)  
Jocelyne S. Feine; D.D.S., M.S.(Texas), H.D.R.(Auverne)  
James P. Lund; B.D.S.(Adel.), Ph.D.(W. Ont.)  
Marc D. McKee; B.Sc., M.Sc., Ph.D.(McG.)

### *Associate Professors*

Paul J. Allison; B.D.S., F.D.S.R.C.S., M.Sc.(Lond.), Ph.D.(McG.)  
Jake Barralet; Ph.D., IRC(Lond.)  
Veronique Benhamou; B.Sc., D.D.S.(McG.), M.Sc. Perio.(Boston)  
John V. Blomfield; B.D.Sc.(Melb.), D.D.S., Dip. Pros.(Rest. Dent.) (McG.), M.Sc.(Lond.), Cert. M.F.P.(M.C.V.-V.C.U.)

- Herb Borsuk; D.D.S.(McG.), M.Sc.D., Cert. Endo.(Boston)  
 Pierre Boudrias; D.M.D.(Montr.), M.Sc.D.(Wash.)  
 Peter J. Chauvin; B.Sc., D.D.S.(McG.), M.Sc.(W. Ont.)  
 Antoine Chehade; B.Sc., D.D.S., M.Sc.(McG.)  
 Marie E. Dagenais; D.M.D.(Montr.), Dip. Rad.(Tor.)  
 Robert J.C. David; D.D.S.(McG.)  
 Irwin M. Fried; D.D.S.(McG.), M.Sc. Pedo.(Minn.)  
 George Harasymowycz; B.Sc.(Loyola), D.D.S.,  
 Dip.Pro.(Rest.Dent.)(McG.), M.S.D., Cert. Fixed & Remov.  
 Part. Pros.(Ind.)  
 Timothy W. Head; B.Sc.(Sir G. Wms.), D.D.S., M.Sc.(McG.)  
 Melvyn E. Hershenfield; B.Sc., D.D.S.(McG.), M.Sc.D.(Boston)  
 Gilles Lavigne; D.M.D., M.Sc., Ph.D.(Montr.)  
 Harvey L. Levitt; B.Sc., D.D.S.(McG.), Cert. Ortho.(Montr.)  
 Stephen I. Miller; D.D.S.(McG.), M.S., Cert. Ortho.(Oregon)  
 Frederick I. Muroff; B.Sc., D.D.S.(Mich.), M.Sc., Cert. Perio., Cert.  
 Endo.(Boston)  
 Jeffrey M. Myers; B.Sc., D.D.S.(McG.)  
 Showan Nazhat; B.Eng., M.Sc., Ph.D.(Lond.)  
 Eli Raviv; D.M.D.(Tel Aviv)  
 Dieter Reinhardt; Ph.D.(Munich)  
 Jean-Marc Retrouvey; D.M.D.(Montr.), M.Sc.(Boston)  
 Melvin Schwartz; B.Sc., D.D.S.(McG.)  
 Stéphane Schwartz; D.M.D.(Montr.), M.Sc., Cert. Pedo.(Boston)  
 Edward Slapcoff; B.Sc., D.D.S.(McG.)  
 Maryam Tabrizian; D.E.A.(Master), Ph.D.(Paris), M.B.A.(Montr.)  
 Louis Z. G. Touyz; B.D.S., M.Sc.(Dent), M. Dent(POM)  
 (Witwatersrand)  
 Hojatollah Vali; B.Sc., Ph.D.(Germany)
- Assistant Professors*  
 Samer Abi-Nader; B.Sc.(McG.), D.M.D.(Montr.)  
 Peter G. Ayoub; B.Sc., D.D.S.(McG.)  
 Christophe Bedos; D.D.S.(Paris), M.Sc., Ph.D.(Montr.)  
 Sylvio Caro; B.A., D.D.S.(McG.), Cert. Pros.(Tor.)  
 Robert Clark; B.Sc., D.D.S.(McG.)  
 Ngoc Tuan Dinh; D.M.D.(Montr.), M.Sc. Prosth.(Tor.)  
 Bruce Dobby; B.Sc., D.D.S.(McG.)  
 Robert Dorion; D.D.S.(McG.)  
 John G. Drummond; D.D.S.(McG.)  
 Aaron Dudkiewicz; B.Sc., D.D.S.(McG.), Cert. Pedo.(Eastman  
 Dental)  
 Richard J. Emery; D.D.S., M.Sc.(McG.)  
 John D. Fenwick; B.Sc., D.D.S.(McG.)  
 John R. Fong Chong; B.Sc.(St. FX), D.D.S.(McG.)  
 Anthony Iannella; B.Sc., D.D.S.(McG.)  
 Mari T. Kaartinen; M.Sc.(Jyväskylä), Ph.D.(Kuopio, Finland)  
 Svetlana Komarova; M.Sc., Ph.D.(Moscow)  
 Gerald M. Konanec; D.D.S.(McG.)  
 Sidney Konigsberg; B.Sc., D.D.S.(McG.), M.S., Cert. Ortho.(Tufts)  
 Oleg S. Kopytov; B.Sc., D.D.S.(McG.), M.S., Cert. Ortho.(Minn.)  
 Paul H. Korne; D.D.S.(McG.), M.Cl.D.(W. Ont.)  
 Hervé Le Moual; D.E.A., M.Sc.(Paris), Ph.D.(Montr.)  
 Eric Lessard; D.M.D., Cert. Oral Med.(Laval)  
 Yu Kwong Li; D.D.S.(McG.)  
 Irwin Margolese; B.Sc., D.D.S.(McG.)  
 Norman M. Miller; B.Sc., D.D.S.(McG.)  
 Robert Miller; B.Sc.(C'dia), D.D.S.(McG.)  
 Monzur Murshed; B.Sc., M.Sc.(India), M.Sc.(Belgium),  
 Ph.D.(Germany)  
 Julia R. Pompura; D.D.S.(McG.), Dip. Oral & Maxillofacial  
 Surg.(Tor.)  
 Charles Rawas; B.Sc., D.D.S., Dip. Pros.(Rest.Dent.)(McG.)  
 Benjamin Saleh; B.Sc., D.D.S.(McG.)  
 David S. Shapiro; B.A., D.D.S.(McG.), M.S.(Iowa)  
 Jack Sherman; D.D.S.(McG.), Cert. Oral Surg.(Boston)  
 Mortimer D. Shizgal; B.Sc., D.D.S.(McG.)  
 Ike I. Silver; B.A., D.D.S.(McG.)  
 Hilal Sirhan; D.D.S.(McG.)  
 Bernard Slimovitch; B.Sc., D.D.S.(McG.)  
 Myron Stein; B.Sc., D.D.S.(McG.)  
 Barry Sternthal; B.A.(Loyola), D.D.S., M.Sc.(McG.)  
 Laura Stone; B.Sc.(Calif.), Ph.D.(Minn.)
- Donald Taylor; D.D.S.(McG.), M.Cl.D.(W. Ont.)  
 Simon Tran; D.M.D., D.M.D.(Montr.), Cert. Perio, Ph.D.(Minn.)  
 Jacques Véronneau; D.M.D., M.Sc.(Montr.), Ph.D.(McG.)  
 Paul Weinstein; B.Sc., D.D.S.(McG.), Pedo. Certif.(NYU)  
 Catherine Linda Wiltshire; B.Sc.(Montr.), D.D.S.(McG.)  
 Lorne A. Wiseman; B.Sc., D.D.S.(McG.), Dip. Perio.(Tor.)  
 Michael A. Wiseman; B.Sc.(C'dia), D.D.S.(McG.)  
 Ji Zhang; M.D.(China), M.Sc.(France), Ph.D.(Laval)
- Faculty Lecturers*  
 Milene Abadi; D.M.D.(Montr.)  
 Gerald Abish; D.D.S.(McG.)  
 Maude Albert; D.M.D.(Montr.)  
 Emanuel Alvaro; D.D.S.(McG.), M.Sc.(Harv.)  
 Normand Aubre; D.M.D.(Montr.), Cert. Endo.(Boston)  
 Michael C. Auerbach; B.Sc., D.D.S.(McG.), M.Sc.D., Cert. Endo.  
 (Boston)  
 Rodrigue G. Barakat; D.D.S.(Montr.)  
 Gloria Baranowski; B.Sc.(McG.), D.M.D.(Montr.)  
 Mathieu Beaudoin; D.M.D.(Montr.), Dip. Perio(Tor.)  
 Ayman Behiery; M.B., B.Ch.(Cairo)  
 Josée Bellefleur; D.M.D.(Montr.)  
 Nelu Bercu; D.D.S.(McG.)  
 Tibor Bertalen; D.M.D.(Montr.)  
 Maryse Bertrand; D.M.D.(Montr.)  
 David Blair; B.Sc., D.D.S.(McG.)  
 Michel Bonin; B.A.(St. Laurent), D.M.D.(Montr.), Cert. Pedo.  
 (Calif.-LA)  
 Marie-Christine Boucher; D.M.D.(Montr.), Cert. OMFS  
 (Montefiore)  
 Ernest C. Burman; B.Sc., D.D.S.(McG.)  
 Karim Chalaby; B.D.S., H.D.D.(Egypt)  
 Vicken Chamlian; D.M.D.(Montr.)  
 Louis-René Charette; D.M.D., Cert. Pedo.(Montr.)  
 Michael Climan; M.A.(Car.)  
 Thuy T. Co; D.M.D.(Montr.)  
 Donald G. Collins; B.Sc.(Sir G.Wms.), D.D.S.(McG.)  
 Alexandra Costa; B.Sc., D.M.D.(McG.)  
 Lawrence Cramer; B.Sc., D.D.S.(McG.)  
 Laurentia De Vreeze; B.Sc., D.D.S.(McG.)  
 Paul Deep; D.M.D.(McG.)  
 Louise Desnoyers; B.Sc., D.M.D., M.Sc.  
 Satwant Dhanoa; D.M.D.(McG.)  
 Michael Dib; D.M.D.(Montr.), M.Sc.(Louisville)  
 Alexandre Dostie; D.M.D., M.Sc.  
 Julie Drakoulakou; B.Sc., D.D.S.(McG.)  
 Cyndie Dubé-Baril; D.M.D.(Montr.)  
 Eric Dufresne; D.M.D.(Montr.), Cert. Pros.(SUNY)  
 Michel El Hakim; D.M.D.(Montr.)  
 Noemi El-Hadad; B.Sc., D.M.D.  
 Ghassan El-Onsi; D.D.S.(McG.)  
 Jeff Erdan; B.Sc., D.D.S., Cert. Oral Surg.(McG.)  
 Emilia Espiritu; D.M.D.(U. East Manila)  
 Allan Etcovitch; B.Sc., D.D.S.(McG.)  
 Alex Fischel; D.D.S.(McG.)  
 Susan Fletcher; L.D.S.(Guy's), D.D.S.(McG.)  
 Raphael Garofalo; B.Sc., D.D.S.(McG.)  
 Julien Ghannoum; D.M.D.(Montr.)  
 Claudia Giambattistini; D.D.S.(McG.), Dip. Ortho.(Tor.)  
 Rosalinda Go; D.D.S.(East), Cert. Ortho.(Montr.)  
 Aron Gonshor; B.Sc., D.D.S., Ph.D.(McG.), F.R.C.D.(C)  
 Joshua Haimovici; B.A.(Yeshiva), D.D.S.(McG.)  
 Patrica Harrosch; B.Sc., D.M.D.(Montr.)  
 Carole Havelka; D.D.S.(McG.), M.Sc.(Ohio St.)  
 Holly Hlipka; D.E.C.(John Abbott)  
 Ira D. Hoffman; B.Sc., D.D.S.(McG.)  
 Marie-André Houle; D.M.D.(Montr.)  
 George J. Hwang; B.Sc., D.D.S.(McG.)  
 Deborah Iera; B.Sc., D.D.S., Dip. O.M.F.S.(McG.)  
 Karim Jarjoura; D.M.D.(Montr.), M.Sc., Perio, Cert. Ortho.(Col.)  
 Gina Kano; D.D.S.(McG.), Cert. Periodontics (NYU)  
 Mansour Kano; D.M.D.(Montr.)  
 Athanasios Karamitsos; B.Sc., D.D.S.(McG.)

Earl R. Karanofsky; B.Sc., D.D.S.(McG.)  
 Frank A. Kay; B.Sc.(Loyola), D.D.S.(McG.), M.B.A.(C'dia)  
 Levon Kichian; B.Sc., D.D.S.(McG.)  
 Taras Konanec; D.D.S.(McG.)  
 Christine Koran; B.Eng., D.D.S.(McG.)  
 Katherine Koussaie; B.Sc.(Br. Col.), D.M.D.(McG.)  
 Lisa Kozloff; D.D.S.(McG.), Cert. Endo.(Tufts)  
 Rosanne Kozloff; B.Sc., D.D.S.(McG.), Cert. Endo.(Tufts)  
 Steven A. Krychman; D.D.S.(McG.), Cert. Perio.(Tufts)  
 Xuan Khanh Le; D.M.D.(Montr.), M.Sc., Perio(Laval),  
 A.E.G.D.(Boston)  
 Colette R. Leb; B.Sc., D.D.S.(McG.)  
 Orly Levy; D.D.S.(McG.)  
 Paul Lieberman; D.D.S.(McG.), Cert. Endo.(SUNY)  
 Panagiotis Limniatis; B.Sc.(C'dia), D.D.S.(McG.)  
 Alan Lisbona; D.D.S., Cert. O.M.F.S., M.Sc.(McG.)  
 Jeff Macklan; B.Sc., D.D.S.(McG.)  
 Sabrina Mancini; B.Sc., D.D.S.(McG.), Dip. Perio.(Tor.)  
 Oliver Mark; D.D.S.(McG.)  
 Annie Marleau; D.M.D.(Montr.)  
 Sylvie Martel; M.Ed.(Univ. Queb. à Outaouais)  
 Bernard Mayantz; D.M.D.(McG.)  
 Nahabed Mazlounian; D.M.D.(McG.)  
 Gerard Melki; B.Sc.(Am. U. Beirut), D.D.S.(McG.)  
 Stephanie Ment; M.Sc., D.M.D.(McG.)  
 Maria Michelakis; B.Sc., D.D.S.(McG.)  
 Seymour Miller; D.D.S.(McG.), Cert. Ortho(Oregon)  
 Michael Moscovitch; B.Sc.(C'dia), D.D.S.(McG.),  
 C.A.G.S.(Boston)  
 Helen Mpantis; D.M.D.(McG.)  
 Myrna Naman; B.Sc.(Lyon), D.D.S.(Lebanon), D.M.D.(Montr.)  
 Dac-Thang Nguyen; D.D.S.(McG.)  
 Sharon Nguyen; D.M.D., M.B.A.(McG.)  
 T. Binh Minh Nguyen; D.D.S.(McG.)  
 Nicole Nicolas; D.M.D.(McG.), AEGD(Flor.)  
 Maha Nimeh; D.M.D.(McG.)  
 Neil O. C. Peloso; B.Sc., D.D.S.(McG.)  
 Johanna Pham; D.D.S.(McG.)  
 Lise Pichler; D.M.D.(Montr.)  
 Luc Prévost; D.D.S.(McG.)  
 Harry Rajchgot; B.Sc., M.Sc., D.D.S.(McG.)  
 Mark Reich; D.M.D.(McG.)  
 Warren M. Retter; B.Sc., D.D.S.(McG.)  
 Matthew A. Reutcky; B.Sc., D.D.S.(McG.), F.I.C.D., F.A.D.I.  
 Sergio Rico-Vargas; D.D.S.(McG.)  
 François Riendeau; D.D.S., M.Sc.(McG.)  
 Gordon L. Roberts; D.D.S.(McG.), M.Sc., Cert. Pedo.(Ohio)  
 Christian Robin; D.M.D.(Montr.), Cert. O.M.F.S.(Albert Einstein  
 College of Medicine)  
 André Ruest; B.Sc.(McG.), D.M.D.(Montr.), M.Sc.(Penn.)  
 Bruce A. Schneider; B.Sc.(McG.), A.M.(Ind.), D.D.S.(McG.)  
 Erle Schneidman; B.Sc., D.D.S.(McG.), M.S. Cert. Pedo.(Ohio St.)  
 Karine Sebbag; D.M.D.(McG.)  
 Anthony Seminara; B.Sc., D.M.D.(McG.), A.G.D.R.(N. Carolina)  
 Maria Sgro; D.D.S.(McG.)  
 Nafiseh Shahidi; D.D.S., M.Sc.(Tehran)  
 Audrey Sherman; D.M.D.(Montr.)  
 Madelaine Shildkraut; B.Sc.(C'dia), D.D.S.(McG.), M.Cl.D.(W.  
 Ont.)  
 Michael Silver; B.Sc., D.D.S.(McG.), M.S.D.(Marquette)  
 Milena Simicic; D.M.D.(Montr.)  
 Wagdi Sioufi; B.Sc., D.D.S.(McG.)  
 Olga M. Skica; B.Sc., D.D.S.(McG.), Cert. Perio.(Wash.)  
 David H. Sklar; B.Sc., D.D.S.(McG.)  
 Gerald Sohmer; B.Sc., D.D.S.(McG.), M.Sc., Cert. Endo.(Boston)  
 Keith Sotero; D.M.D.(McG.)  
 Paul Stamboulis; D.M.D.(Montr.)  
 William Steinman; B.Sc.(C'dia), D.D.S.(McG.)  
 Sandra Suissa; D.M.D.(Montr.)  
 Alexandre Tache; D.M.D.(Montr.), M.Sc.(Tor.)  
 Jacob Tink; B.Sc.(McG.), D.M.D.(Montr.)  
 Barouyr Toukmanian; D.D.S.(McG.)  
 Trung-Hieu Tran; D.D.S.(McG.)  
 Yazdi S. Turner; B.D.S.(Bom.), D.D.S.(McG.)  
 Evangelia Valavanis; D.D.S.(McG.)  
 Matthew Vamvakis; D.D.S. (McG.)  
 Paul Van Wijlen; D.D.S.(McG.)  
 Melissa Villafranca; B.Sc., D.M.D., M.Sc.(McG.)  
 Nicolino Vincelli; B.Sc.(C'dia), D.D.S.(McG.)  
 Joanne Vraliotis; D.E.C.(John Abbott)  
 Duy-Dat Vu; D.M.D.(Laval), M.Sc., Cert. Pedo (Montr.)  
 Norman Yoffe; B.Sc. D.D.S.(McG.)

*Associate Members*  
 Eduardo L. Franco; B.Sc.(Estadual de Campinas), M.P.H.,  
 Dr.P.H.(N. Carolina - Chapel Hill)  
 Erika G. Gisel; B.A.(Zurich), B.S.,M.S.,Ph.D.(Temple)

*Adjunct Professors*  
 Hani Abdul Salam; D.D.S., M.Sc.(Lebanon), Ph.D.(McG.), Cert.  
 O.M.F.S.(Tor.)  
 Andrew Bourke; D.D.S.(McG.)  
 Andre Dray; B.Sc.(Scotland), Ph.D.(England)  
 Jon Kapala; B.S., D.M.D.(Tufts), Cert. Pedo., Cert.  
 Ortho.(Boston), F.A.C.D.  
 Arlette Kolta; B.Sc., M.Sc., Ph.D.(Montr.)  
 Kenneth K. S. Lee; D.D.S.(McG.), F.R.C.D.(C)  
 Philippe Mojon; D.M.D.(Geneva), M.Sc.(Neuchatel),  
 Ph.D.(Geneva)  
 Belinda Nicolau; D.D.S.(Brazil), M.Sc., Ph.D.(Lond.)  
 Morris H. Wechsler; B.Sc., D.D.S.(McG.), Cert. Ortho.(Montr.),  
 F.R.C.D.(C), F.I.C.D., Dipl. A.B.O.



## 6 Faculty of Medicine

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### 6.1 The Faculty

#### 6.1.1 Location

##### Faculty of Medicine

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

##### Educational Services

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

##### General Information

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

---

#### 6.1.2 Administrative Officers

Richard I. Levin; B.Sc.(Yale), M.D.(NYU), Postdoctoral Fellowship(C'nell) **Vice-Principal (Health Affairs) and Dean of the Faculty of Medicine**

April Caluori **Director, Administration and Operations**

France Drolet **Director, Admissions**

Michael D. Rosengarten; B.Eng., M.C., F.R.C.P. **Associate Dean (Continuing Medical Education)**

Yvonne Steinert; B.A.(McG.), M.A.(Tor.), Ph.D.(McG.) **Director, Centre for Medical Education, Associate Dean (Faculty Development)**

Janet Henderson; B.Sc., Ph.D.(McG.) **Associate Dean (Graduate Studies and Research)**

Sam Benaroya; B.Sc., M.D.,C.M.(McG.), F.R.C.P.(C) **Associate Dean (Interhospital Affairs)**

Joyce Pickering; M.D.,C.M.(McG.), M.Sc., F.R.C.P.(C), F.A.C.P.  
**Associate Dean**  
**(Medical Education and Student Affairs)**

Sarkis Meterissian; M.D.,C.M.(McG.), M.Sc., F.R.C.S.(C),  
 F.A.C.S.

**Associate Dean (Postgraduate Medical  
 Education and Professional Affairs)**

Jim Gourdon; DVM **Director, McIntyre Animal Centre**

Pierre-Paul Tellier; B.Sc., M.D.(Ott.), C.C.F.P., F.C.C.P. **Director,  
 Office of Student Affairs, Undergraduate Medical Education**

Jim Henderson; B.Sc., M.Sc., M.L.S.  
**Librarian, Life Sciences Library**

### 6.1.3 History

The Faculty of Medicine was established as the first faculty of McGill University in 1829. It dates its origin to 1823 when four staff members of the recently opened Montreal General Hospital founded the Montreal Medical Institution in order to offer lectures to students of medicine. In 1833, four years after the Institution became the Faculty of Medicine, William Leslie Logie was awarded the degree of Doctor of Medicine and Surgery and became the first McGill, and the first Canadian medical, graduate. In 1862 the degree was changed to its present designation, Doctor of Medicine and Master of Surgery (M.D.,C.M.) and in 1872 it was conferred upon the Faculty's most illustrious graduate, William Osler. Osler served on the faculty from 1874 to 1884 before going on to the University of Pennsylvania, Johns Hopkins University, and Oxford University. He was instrumental in developing the Life Sciences Library, which had its origin in the Montreal Medical Institution and which now contains over 298,000 volumes and 5,000 periodicals, and left to it his extensive collection of books devoted to the history of medicine.

The land occupied by the University, deeded to it by James McGill, lies in the heart of Montreal on the southern slope of Mount Royal. The medical faculty offices are located in the McIntyre Medical Sciences Building which lies higher on the flank of the mountain on Promenade Sir-William-Osler at Pine Avenue. The Life Sciences Library, the Osler Library of the History of Medicine, and a number of the departments of the Faculty are located in this building. The McGill Life Sciences Complex, scheduled to open in the Fall of 2008, is located next to the McIntyre Medical Sciences Building between Promenade Sir William Osler and Peel Street. The Strathcona Anatomy and Dentistry Building, the Montreal Neurological Institute and hospital of the McGill University Health Centre (MUHC), founded in 1887, are situated a half mile east of the McIntyre Building while the Montreal General Hospital of the MUHC, relocated in 1955 from its original site south of the University, lies a half mile to the west. The Montreal Children's Hospital of the MUHC, the Sir Mortimer B. Davis-Jewish General Hospital, St.Mary's Hospital and the Douglas Mental Health University Institute are also teaching/affiliated institutions. In addition, there are nine centres and units specializing in A.I.D.S.; artificial cells and organs, cancer research; host resistance; human genetics; medical education; non-linear dynamics; nutrition and food science; aerospace medical research; medical physics; age and aging; and in biomedical ethics.

### 6.1.4 Mission Statement

The Faculty of Medicine affirms the mission of McGill University as follows:

The advancement of learning through teaching, scholarship, and service to society: by offering to outstanding undergraduate and graduate students the best education available; by carrying out scholarly activities judged to be excellent when measured against the highest international standards; and by providing service to society in those ways for which we are well-suited by virtue of our academic strengths.

Within this context, the mission of the Faculty of Medicine is to pursue internationally significant scholarship and to provide undergraduate, graduate and professional programmes of the highest academic quality so that we may contribute to the well being of mankind.

We affirm the following objectives in order to accomplish our mission:

#### 1. Education

The health-care professionals who are graduates and trainees of the Faculty will be well-prepared to address the present and future health needs of the Canadian population. They will be oriented to preserving health, technically competent, adept at solving problems, capable of functioning as part of a multi-disciplinary team and committed to life-long learning both for themselves and their patients. They will exhibit ethical behaviour and compassion in dealing with patients, restraint in using health resources, and an inquiring attitude towards the mechanisms of health and disease. Finally, our programmes will be rooted in a scholarship of education designed to the development and exploitation of modern pedagogical techniques.

#### 2. Research

The Faculty's research programs will contribute to the understanding of the basic mechanisms of health and disease and develop and evaluate clinical interventions to address health care needs. The research will emphasize collaboration between basic and clinical sciences, and between members of our Faculty and researchers in other disciplines. The faculty will encourage and support outstanding research trainees and research training programs. Our research will encompass the scholarship of discovery and integration.

#### 3. Service

Members and trainees of the Faculty will provide exemplary, scientifically based health services to the McGill target population and will participate actively in national and international professional organizations. Our stance will encompass a scholarship of application whose aim is to ensure that available and new knowledge are used to improve the care and well being of society.

### 6.1.5 Medical Societies

#### McGill Medical Students' Society Inc.

Mail: 3655 Promenade Sir-William-Osler, 6th Floor  
 Montreal, QC H3G 1Y6  
 Office: McIntyre Medical Sciences Building, Room 508  
 Telephone: (514) 398-7167; Fax: (514) 398-1789  
 E-mail: [msspres@med.mcgill.ca](mailto:msspres@med.mcgill.ca)

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

1. to represent medical students' ideas, concerns and problems to the Faculty of Medicine, the rest of the McGill community, the government, and the public at large;
2. to promote interaction among medical students through both the Fédération médicale étudiantes du Québec and Canadian Federation of Medical Students;
3. to attempt the advancement of new forms of learning in response to the desires of the students;
4. to promote student sporting and social events within the Faculty and with other faculties;
5. to publish a newsletter, *The Placebo*, for all medical students;
6. to attempt generally to provide the resources and personnel to meet student needs and wishes as they arise.

The M.S.S. has members on many Faculty committees, including the Curriculum Committee and the Admissions Committee. Details of all activities are easily available from the M.S.S. Office and it is hoped that all students will participate in the Society's activities.

L'Association des Étudiants en Médecine est une association de tous les étudiants inscrits en médecine. Représentée par son

conseil élu et par les divers comités de la faculté, l'Association accomplit les fonctions suivantes:

1. représente les idées des étudiants, leurs soucis et leurs problèmes à la faculté de médecine, à la communauté McGill en général, au gouvernement et au public en général;
2. facilite la communication des étudiants en médecine par le biais de la Fédération médicale étudiantes du Québec et de la Fédération des Étudiants en Médecine du Canada;
3. essaie de développer de nouveaux cours qui répondront aux désirs des étudiants;
4. s'occupe des activités sportives et sociales des étudiants en médecine et avec autres facultés;
5. publie un journal, *The Placebo*, pour tous les étudiants en médecine;
6. de façon générale, essaie de fournir les ressources et le personnel afin de rencontrer les besoins et les désirs des étudiants qui se font ressentir.

L'Association des étudiants en médecine a des membres sur plusieurs comités de la faculté y compris le "Curriculum Committee" et "Admissions Committee". Des renseignements sur nos activités peuvent facilement être obtenus au bureau de l'Association et nous souhaitons ardemment que tous les étudiants participent à nos activités.

#### Osler Society

The Osler Society was founded in 1921 to perpetuate the memory and teaching of Sir William Osler, the most illustrious graduate and professor of the Faculty of Medicine at McGill. Through the presentation of lectures and seminars by students and guest lecturers on topics in the medical humanities, the Society strives to uphold Osler's ideals of a liberal medical education.

Meetings are held throughout the academic year approximately once a month. In the fall, the Osler Lecture is given by a distinguished guest. It is followed by the Osler Banquet, a formal dinner in the grand tradition of the Society. Staff, students and the public are welcome at all Osler Society functions. Our Website is [www.med.mcgill.ca/oslerweb](http://www.med.mcgill.ca/oslerweb).

#### Phi Delta Epsilon

The Phi Delta Epsilon International Medical Fraternity is a professional, coeducational organization with a membership of over 25,000 students, interns, residents, and practicing physicians.

The McGill chapter was founded in 1926 to promote the highest ethical, scientific, and educational standards in the field of medicine. The chapter's activities reflect their long-term commitment to non-profit community service as well as addressing the need among medical students for a supportive, relaxed environment.

Phi Delta Epsilon's international network of graduate members also offers their student members many benefits, including: funding for a variety of projects; advice and support in the selection of electives, research and residency positions; awards for academic and research excellence, and for outstanding community service; low-interest student loans; regional and international conventions. Our Website is [www.phide.org](http://www.phide.org).

#### McGill Journal of Medicine

The *McGill Journal of Medicine (MJM)* is a scholarly scientific journal providing an international forum for university students to publish original research, case reports, reviews and expository essays in any field of medicine. Established in May 1994, *MJM* is published and produced entirely by students in the Faculty of Medicine and in Graduate and Postdoctoral Studies at McGill.

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

#### Medical and Dental Christian Fellowship (MDCF)

In 1988, several students from Med I and II started the Medical Christian Fellowship, which has since become the MDCF. This group created a place for Christians in medical training to meet weekly for Bible study, encouraging each other in continuous spiritual growth. In addition, various speakers (doctors, faculty, medical missionaries, etc.) expose the members to different ways to effectively integrate faith and medical practice by sharing with members their experiences as Christians in the medical profession.

Ranging from Roman Catholic to Lutheran and from Greek Orthodox to Calvinist, the group covers a large spectrum of denominations and enjoys the richness in thought such a diversity brings. Even though the MDCF is an independent group, it is associated with the Christian Medical and Dental Society (CMDS), the Canada and U.S. wide organization of Christian doctors and dentists.

#### Medical Students for Social Responsibility (MSSR)

MSSR is a group that recognizes that social, economic, and political factors largely determine the health of individuals and populations. The group's objective is to sensitize participants to alternative aspects of health and to provide a framework for future activism.

## 6.2 Scholarships, Bursaries, Prizes, Medals and Loan Funds

The Faculty of Medicine, M.D.,C.M. program, has adopted a primarily needs-based approach to its scholarships and bursaries. This acknowledges the very high academic performance already achieved by students entering the Faculty. Many of the funds under the Faculty's jurisdiction are awarded on the basis of good academic standing and financial need, and are administered by the Office of Student Aid. Financial aid forms are available from the Student Aid Office, 3600 McTavish Street, Montreal ([www.mcgill.ca/studentaid](http://www.mcgill.ca/studentaid)). Scholarship, bursary and prize values are based on funds available.

#### Entrance scholarships

McGill offers some Entrance Scholarships annually to first-year students based on academic merit.

#### Med-P program

Entrance scholarships are available for students accepted to the Med-P program. In the first year of the Med-P program, students are registered in the Faculty of Science and hence are eligible for university entrance scholarships. Once the student is promoted to the Faculty of Medicine these scholarships are renewable annually for three academic periods if the student meets the renewability criteria.

#### M.D.,C.M. four-year program

By applying for admission to the Faculty of Medicine of McGill University, the four-year M.D.,C.M. program applicants with outstanding academic achievements are automatically considered for entrance scholarships. There is no form to complete. Scholarships are allocated at the discretion of the Faculty of Medicine.

#### M.D.,C.M./M.B.A. and M.D.,C.M./Ph.D. programs

Entrance scholarships are available for students registered in the double programs: M.D./M.B.A. and M.D./Ph.D.

#### Bursaries for Research Projects

Bursaries are available to enable students to carry out research projects during their medical studies. These are awarded, on a competitive basis, in the Winter term and also during summer vacation. For more information, please inquire with the Associate Dean for Research in the Faculty of Medicine or consult the Website at [www.medicine.mcgill.ca/research/bursary](http://www.medicine.mcgill.ca/research/bursary).

### Prizes, Medals and Awards

Students who demonstrate outstanding performance are recognized through the awarding of prizes, medals and J.W. McConnell Awards. Receipt of an award is permanently recorded on the transcript of each recipient. This information is also included in the Dean's Letter of evaluation.

### 6.2.1 Scholarships and Bursaries

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

**J.H.B. ALLAN SCHOLARSHIP** – available to undergraduate medical students in any year. Awarded by the Scholarships and Student Aid Office.

**JOHN AND BARBARA ALTSHULER ENTRANCE BURSARIES IN MEDICINE** – established in 2006 by David Altshuler and the Altshuler family, in honour of his parents, John Altshuler, B.Sc. 1955, M.D.,C.M 1959, and Barbara Altshuler, DIP. P.Th., 1958. Awarded by the Scholarships and Student Aid Office to a full-time undergraduate student entering the Faculty of Medicine M.D.,C.M program, on the basis of demonstrated financial need and academic achievement. Renewable for a maximum of four years, provided the holder maintains the same level of financial need and academic standing. Estimated Value: \$5,000 each.

**JACK AUERBACH MEMORIAL BURSARY** – established in 2001 through a bequest by Jack Auerback for students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of financial need.

**SHIRLEY AULD BURSARIES** – established in 2007 by Dr. Peter Auld, M.D.,C.M. 1952 in memory and in honour of his late wife, Shirley Auld. Awarded by the Scholarships and Student Aid Office to students in the M.D.,C.M. program on the basis of financial need.

**JONATHAN BALLON SCHOLARSHIPS** – established in 1995 through generous gifts from friends and family to honour the memory of Jonathan Ballon, B.A. 1947, M.D. 1952, a distinguished graduate of McGill. Awarded to outstanding Canadian students entering the four-year Medical degree program or the joint M.D./Ph.D. or M.D./M.B.A. programs. While academic excellence is of primary importance, professionalism, compassion and demonstrated leadership in athletics or other student activities will be considered. Awarded by the Faculty of Medicine Scholarships Committee and renewable provided the holder maintains an academic standing satisfactory to the Committee. Estimated Value: \$8,000.

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

**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.

**ETTIE ISRAEL BENNETT BURSARY** – established in 1986 to be awarded for medical research to a deserving student as selected by the Faculty Scholarships Committee.

**JOSEPH ISRAEL BENNETT BURSARY** – a bequest from the late Joseph Israel Bennett provides an annual bursary for a deserving student.

**LEONARD AND CAROL BERALL AND FAMILY BURSARIES** – established in 2004 by Leonard and Carol Berall and family, for undergraduate medical students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of financial need to one or more students in good academic standing.

**ANGELA "ANGIE" BERGMAN CANCER RESEARCH BURSARIES** – established in 2003 by Richard Bergman in memory of his wife, Angela "Angie" Bergman. Awarded by the Faculty of Medicine's Student Research Committee to students in a medical or allied health undergraduate program who participate in a cancer-related research project at McGill University. Value: Two winter research bursaries of \$2,000 each and two summer research bursaries of \$2,700 each.

**DR. PAUL E. BETTENCOURT BURSARIES** – established in 2004 by Patrick Donovan in memory of Paul E. Bettencourt, M.D.,C.M., 1975, for medical students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of financial need to one or more students in good academic standing, preference may be given to students from the United States.

**SYDNEY BLIDNER MEMORIAL MEDICAL SCHOLARSHIP** – established in 1996 by a bequest of the late Mrs. 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.

**DR. MAURICE BRODIE MEMORIAL SCHOLARSHIP** – established in 1993 by Mrs. Edna Singer Brodie in memory of Dr. Maurice Brodie (M.D.'28). Awarded on the basis of academic standing and financial need by the Scholarships and Student Aid Office to undergraduate students in the Faculty of Medicine, tenable in any year.

**NAT CHRISTIE SCHOLARSHIPS** – established in 1982 by the Nat Christie Foundation, thanks to a gift from Dr. Clara Christie Might, MDCM'25, the youngest sister of Nat Christie, and the first woman to practice obstetrics and gynecology 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 of \$1,200.

**DR. W.B. AND DR. M.H. CHUNG ENTRANCE BURSARIES IN MEDICINE** – established in 2006 by Dr. Wallace B. Chung, M.D. 1953 and his wife, Dr. Madeline H. Chung. Awarded by the Student Aid Office to full-time undergraduate students entering the Faculty of Medicine, M.D.,C.M. program, on the basis of demonstrated financial need and academic achievement. Estimated Value: \$5,000 each; renewable.

**CLASS OF MEDICINE 1943 BURSARY** – established in 1995 by the Class of Medicine 1943 in honour of their 50th anniversary of graduation. A bursary awarded by the Student Financial Aid Office to a third year medical student in good academic standing who exhibits financial need.

**CLASS OF MEDICINE 1954 - (DR. C.P. MARTIN IN MEMORIAM SCHOLARSHIP)** – established in 1999 by the Class of Medicine of 1954, to celebrate their 45th and 50th anniversaries of graduation. Given in appreciation for the education they received at McGill, and in memory of their beloved professor of anatomy, Dr. C.P. Martin. Awarded on the basis of financial need by the Scholarships and Student Aid Office to medical students in good academic standing.

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

**CLASS OF MEDICINE 1963 SCHOLARSHIP** – established in 1998 by the Class of Medicine 1963 in appreciation for the education received at McGill and in commemoration of the Class' 35th

anniversary of graduation. Awarded on the basis of financial need by the Scholarships and Student Aid Office to medical students in good academic standing.

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

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

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

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

**CLOUSTON MEMORIAL SCHOLARSHIP** – endowed in 1986 by the family in memory of Dr. H.R. Clouston and his father, Dr. J. Clouston, both of Huntingdon, Quebec. Awarded by the Faculty Scholarships Committee to a medical student who undertakes a research project with preference to the field of genetics. Value: \$1,800.

**MARK J. COHEN BURSARY** – established in 2003 by Mark J. Cohen, M.D.,C.M. 1992, for M.D.,C.M. students in the Faculty of Medicine. Awarded by the Scholarships and Student Aid Office on the basis of financial need to one or more students in good academic standing.

**MR. & MRS. JOHN HENRY COLLINS MEMORIAL BURSARY** – endowed in 1986 by a bequest from Mrs. John Henry Collins to assist students in conducting medical research. Awarded by the Faculty Student Research Committee.

**BEVERLEY COONER BURSARY** – established by the family and friends of the late Beverley Cooner to assist a deserving student. Awarded with the approval of the National Council of Jewish Women on the basis of financial need and academic standing.

**GEORGE CORCORAN SCHOLARSHIP** – established by a bequest from Emily Jones Corcoran in memory of her husband. Awarded by the Faculty of Medicine Scholarships Committee to students in the undergraduate medical program with preference to students registered in the M.D./Ph.D. program. Value: minimum \$2,000.

**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 programs on the basis of financial need to one or more students in good academic standing.

**JAMES H. CUMMINGS SCHOLARSHIPS** – two or more entrance scholarships bequeathed by the late James H. Cummings. Awarded by the Scholarships and Student Aid Office to undergraduate medical students on the basis of academic standing and financial need.

**MADHU BALA DHAWAN BURSARY FOR RESEARCH IN PALLIATIVE CARE OR CANCER** – established in 2000 by Dr. K.C. Dhawan in memory of his wife. Awarded annually by the Faculty of Medicine Student Research Committee to a medical or allied health professional student who participates in a research project in either palliative care or cancer research at McGill University.

**ANNIE DIAMOND BURSARIES** – established in 1969 for medical students with financial need.

**VICTOR DZAU AND RUTH COOPER-DZAU RESEARCH BURSARY** – established by Dr. Victor Dzau, B.Sc. 1968, M.D.,C.M. 1972, and Ruth Cooper-Dzau, B.PhysTher 1972, to support undergraduate students in the Faculty of medicine conducting research under the guidance of a professor during the summer months. Awarded annually by the office of the Associate Dean, Research Office, of the Faculty of Medicine to undergraduate students in their 1st and 2nd year of a four-year medical or nursing or physical and occupational therapy degree program. Preference will be given to medical students. Value: minimum \$3,000; may be divided to fund more than one student.

**SAMUEL EIDLOW MEMORIAL BURSARY FUNDE** – established for worthy medical undergraduate students with financial need.

**CHANCELLOR FERRIER MEMORIAL BURSARY** – established by Mrs. Herbert V. Lacey in memory of her great-grandfather, Senator James Ferrier, Chancellor of McGill from 1884 to 1889. Awarded on the basis of academic standing and financial need, with preference to students from the State of Wyoming.

**DR. E.M. FISHER MEMORIAL SCHOLARSHIP** – available to any medical undergraduate student and awarded by the Scholarships and Student Aid Office.

**SIMON AND ROSALIE HALPERN MEMORIAL SCHOLARSHIP** – established by the late Dr. Fanny G. Halpern in memory of her parents. Available to students of the Roman Catholic or Jewish faith who have distinguished academic standing and financial need. The recipient in any one session may re-apply for the following year. Value: \$400.

**MARJORIE HAMPSON BURSARIES** – established in 2005 by Lawrence G. Hampson, B.Sc. (1947), M.D.,C.M., (1949) M.Sc. (1953), Dip. Surgery (1955), in memory of his wife Marjorie Hampson, for one or more medical students in good academic standing who demonstrate financial need. Awarded by the Scholarships and Student Aid Office.

**DR. DAVID M. AND DONALDA L. HARVEY SCHOLARSHIP** – established in 1995 by Dr. David M. Harvey (M.D. 1955) and his wife Donalda, 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: \$2,000.

**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.

**J. ALEXANDER HUTCHISON BURSARIES** – established in 2007 by J. Lawrence Hutchison, B.Sc., 1949, M.D.,C.M. 1953, Dip. Int. Med. 1958, in honour of his grandfather, J. Alexander Hutchison, M.D.,C.M. 1884, Professor of Surgery and Chief of Surgery at the Montreal General Hospital. Awarded by the Scholarships and Student Aid Office on the basis of financial need to one or more students in good academic standing in the M.D.,C.M. or Med-P programs.

**KEITH HUTCHISON MEMORIAL SCHOLARSHIPS** – two or more scholarships, in memory of the late Dr. Keith Hutchison. Awarded on the basis of distinguished academic standing and need; tenable in any year. The recipient in any session may re-apply for the following year.

**IVES SCHOLARSHIP** – established in 1967 by a bequest of the late David Fraser Murray, M.D.,C.M., 1924. Awarded on the basis of financial need with preference given to students from Nova Scotia, New Brunswick or Prince Edward Island.

**DR. RUBY JACKSON RESEARCH BURSARY** – established in 2005 by Dr. Ruby G. Jackson, M.D.,C.M. 1950. Awarded by the Faculty of Medicine's Student Research Committee to medical students who participate in research projects at McGill University during the summer, fall or winter programs. Minimum value: \$2,000.

**CAMPBELL KEENAN MEMORIAL SCHOLARSHIP** – established by the late Miss Charlotte Mildred Hagar in memory of the late Dr. Campbell B. Keenan. Tenable in the second, third, or fourth year; and



awarded on the basis of distinguished academic standing and financial need to an applicant who intends to enter surgical practice. The recipient in any session may re-apply for the following year.

**JAMES GRAHAME KER AND FREDERICK K. PETRIE MEMORIAL SCHOLARSHIP** – awarded to a student from Eastern Ontario (Counties of Dundas, Stormont, Glengarry, Grenville, Carleton, Russell and Prescott) or from Montreal. Based upon distinguished academic standing and financial need; tenable in second year and may be renewed.

**KINCH MEMORIAL BURSARY** – established by Miss Dia Joyce in memory of Mr. and Mrs. C.H. Kinch to assist medical undergraduates.

**FREDERICK PENTON LOFTUS LANE BURSARY FUND** – established in 1979 by a bequest from Esther M.E. Lane. Awarded by the Scholarships and Student Aid Office to undergraduate medical students on the basis of academic standing and financial need.

**LEUKEMIA RESEARCH FUND BURSARY** – established in 1992 by the Leukemia Research Fund. Awarded annually by the Faculty Student Research Committee to a medical student who participates in a summer research project in leukemia-related research at McGill University. Value: \$3,500.

**DR. GABRIEL LEUNG MEMORIAL AWARD** – established in 1987 by Mrs. Jane Leung and friends, through the Education Foundation of the Federation of Chinese Canadian Professionals, in memory of Dr. Gabriel Leung, who graduated from McGill with his M.D.,C.M. in 1972. Awarded by the Faculty Scholarships Committee to a second year medical student for achieving academic excellence or to pursue an independent research project under the direction of the Faculty. Financial need can be part of the consideration. Value: \$1,000.

**GUSTAV LEVINSCHI SCHOLARSHIP FUND** – endowed in 1986 for needy medical students requiring assistance in the pursuit of their studies.

**DR. DAVID T.W. LIN FOUNDATION SCHOLARSHIP** – established in 1993 in honour of Dr. David T.W. Lin, B.Sc. (1937), M.D. (1940), O.C., Surgeon Emeritus at the Royal Victoria Hospital, Honorary President of the Montreal Chinese Hospital and a leader in the Chinese community. Awarded by the Scholarships and Student Aid Office to a medical student on the basis of academic achievement and demonstrated need. Preference will be given to students of Chinese origin. Value: \$2,600.

**JUDITH ANNE WRIGHT LITVACK BURSARIES** – bequeathed in 1999 by Judith Litvack to support the research bursary program for students in the Faculty of Medicine. The research projects supported are to be in the disorder anxiety. One or more bursaries in each of the two research committee. Value: minimum \$2,000.

**LIVINGSTONE-FRIEDMAN SCHOLARSHIP IN MEDICINE** – established in 2007 by Professors Sydney Friedman (B.A. 1938, M.D.,C.M. 1940, M.Sc. 1941, Ph.D. 1946) and Constance Friedman (B.Sc. 1941, M.Sc. 1942, Ph.D. 1948). Awarded by the Faculty of Medicine to a student entering the M.D.,C.M. program; this scholarship is intended to encourage the student's fuller enjoyment of the cultural environment of the University and city. Estimated value: \$5,000.

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

**ANJNA AND JOGINDAR MAJHAIL SCHOLARSHIP** – established in 2004 by Anjna Majhail, M.S.W. 1972, in memory of her late husband Jogindar Majhail. Awarded by the Faculty of Medicine's Scholarship Committee to an outstanding student entering first year Medicine who demonstrates academic excellence. The scholarship is renewable for three years provided the holder maintains satisfactory academic standing. Value: minimum \$5,000.

**ANJNA MAJHAIL ENTRANCE BURSARY** – established in 2007 by Anjna Majhail, M.S.W. 1972. Awarded by the Scholarships and

Student Aid Office to full-time undergraduate students entering the Faculty of Medicine, M.D.,C.M. program, on the basis of demonstrated financial need and academic achievement. Estimated value: \$5,000; renewable.

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

**HILTON J. MCKEOWN SCHOLARSHIPS** – established by a bequest from Hilton J. McKeown (M.D. 1927) to the Friends of McGill to provide financial support to students in the Faculty of Medicine. Awards are granted on the basis of academic achievement and the value of each award will depend upon financial need and other awards held. Preference will be given to students in the M.D.,C.M./Ph.D. program. Awarded by the Faculty of Medicine. Value: minimum \$500 each.

**DR. CLARKE K. MCLEOD MEMORIAL SCHOLARSHIP FUND** – established in 1979 by a bequest from Dr. Clarke K. McLeod, M.D.,C.M., 1927 to provide scholarships for undergraduate medical students.

**JAMES MOSES AND STELLA FROSST ALEXANDER SCHOLARSHIPS** – established in 1992 to honour James Moses Alexander, a distinguished graduate of the Faculty of Medicine, McGill University (1934). Three scholarships are available each year for students with outstanding merit entering the four-year undergraduate program in the Faculty of Medicine. Awarded by the Faculty Scholarships Committee and renewable provided the holder maintains an academic standing satisfactory to the Committee. Value: minimum \$8,000 each.

**DR. H.K. NEILSON BURSARY FUND** – established in 1986 to be used to further the education of worthy medical students. Awarded on the basis of academic standing and financial need.

**PAPANASTASIOU FAMILY BURSARY** – established in 2003 by Olga Huk Papanastasiou, B.Sc. 1980, M.D.C.M. 1984, and her husband, Vasilios Papanastasiou, M.D.C.M. 1979, M.Sc.1984. Awarded by the Scholarships and Student Aid Office on the basis of financial need to one or more medical students in the Faculty of Medicine in good academic standing.

**PHARMACEUTICAL MANUFACTURERS ASSOCIATION OF CANADA, HEALTH RESEARCH FOUNDATION SUMMER RESEARCH SCHOLARSHIPS** – three to six summer research scholarships will be awarded to undergraduate medical students for pharmacological research in the broadest context. A maximum of two scholarships can be renewed for a second year. Recipients must be Canadian citizens or Permanent Residents who demonstrate a willingness to make a significant commitment to research. Awarded by the Faculty Student Research Committee. The recipients may be requested to attend an awards ceremony or other PMAC events (all costs paid by the PMAC-HRF). Recipients will also be eligible for consideration for \$1,000 travel grants to enable them to present their work at a PMAC sponsored conference or a national/international research meeting. Value: approximately \$4,000 each.

**AUORE PICARD BURSARY** – a bequest from the late Aurore Picard provides an annual medical research bursary for a meritorious student. Awarded by the Faculty Scholarships Committee.

**EVA AND MAURICE POSTERNACK SCHOLARSHIP IN MEDICINE** – established in 2007 by Charles Posternack, B.Sc. 1977, M.D.,C.M. 1981, in loving memory of his parents, Eva and Maurice Posternack. Awarded by the Faculty of Medicine Scholarships Committee to a student entering the second year of the M.D.,C.M. program who is on the Dean's Honour List. Estimated Value: \$4,000.

**MARTHA JANE POULSON MEMORIAL SCHOLARSHIP** – established in 2002 by the Class of Medicine 1980 to honour the memory of Martha Jane Poulson, M.D.,C.M. 1980. Dr. Poulson exemplified excellence in the practice of both the art and science of Medicine. She also had a remarkable commitment to developing her skills and sensitivities in the arts and humanities. As a concert pianist, singer

and leader in her community, she overcame physical adversity with emotional and spiritual strength that awed her friends and colleagues. Awarded on the basis of financial need by the Scholarships and Student Aid Office to medical students in good academic standing. Preference shall be given to students with physical disabilities.

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

**SAMUEL ROSENFELD BURSARY** – established by Mrs. Ida Rosenfeld Letovsky in memory of her late husband, Mr. Samuel Rosenfeld, to support worthy undergraduate medical students.

**REUBEN ROSS MEMORIAL AWARD** – the income from a bequest of the late Reuben Ross provides an annual award to medical students in financial need.

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

**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.

**SOTIROS SAMPALIS AWARD** – established in 2007 by Drs. John and Fotini Sampalis in memory of their father, Sotirios Sampalis, who was born in 1920 at Filiatra Messinias, Greece and immigrated to Canada in 1957 with his family. Sotirios was an inspiration as a dedicated father who loved and gave all to his family. Awarded by the Scholarships and Student Aid Office on the basis of financial need to one or more students in the health sciences who are in good academic standing.

**ROSE SCHWARZ - HELEN MARCUS BURSARY** – established by the family and friends of the late Rose Schwarz and the late Helen Marcus. To assist a needy, deserving student engaged in summer work in cancer research. Awarded with the approval of the National Council of Jewish Women.

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

**HARRY SHANKMAN SCHOLARSHIPS** – a bequest from the late Annette Shankman Rieder in honour of her brother Harry Shankman, M.D., provides annual scholarships for meritorious medical students in the M.D./Ph.D. program. Awarded by the Faculty of Medicine Scholarships Committee, on the recommendation of the M.D./Ph.D. Program director. Value: minimum \$3,000 each.

**ROBERT SHARWOOD MEMORIAL SCHOLARSHIP** – enable in any year of the undergraduate course in Medicine. It is awarded on the basis of distinguished academic standing and financial need. The recipient in any one session may re-apply for the following year.

**ROSALINE SHINDER MEMORIAL RESEARCH BURSARY** – established in 1987 by her family in memory of Rosaline Shinder. Awarded by the Faculty Scholarships Committee to a medical student for cardiac or related research.

**BRUCE SMITH BURSARY FUND** – from a bequest by the late Dr. Bruce Stewart Smith to enable worthy students with financial need to complete medical training at McGill University.

**ALLAN JAY SOLOMON AWARD** – a fund of \$2,000 established in 1977 by family and friends in memory of the late Allan Jay Solomon, M.D., C.M. The income provides an annual award tenable in any year; awarded for distinguished academic standing and financial need.

**DR. GRAHAM SOMMER INTERNATIONAL SCHOLARSHIPS IN MEDICINE** – established in 2006 by Dr. Graham Sommer, M.D., C.M. 1972. Awarded by the Faculty of Medicine to outstanding international students entering the M.D., C.M. program in the Faculty of Medicine. While academic standing is of primary importance, consideration will also be given to leadership in extracurricular and community activities. Estimated Value: \$15,000; renewable.

**ROBERT ROLF STRUTHERS BURSARY** – the income from a bequest of the late Robert Rolf Struthers (Medicine 1918) provides support for a needy Canadian student entering third year Medicine.

**DR. JOSEPH TANZMAN AWARD** – a bequest establishing an award in honour of Dr. Joseph Tanzman, M.D., C.M., 1927. Preference is given to a medical student from New Brunswick but if there is no such candidate the award may be given to any deserving student in the Faculty of Science. Awarded by the Scholarships Committee of the Faculty of Medicine or the Faculty of Science.

**DR. ARTHUR M. VINEBERG SCHOLARSHIP** – established in November 1997 by Mrs. Elaine Leopold-Sargent, niece of Dr. Arthur M. Vineberg, B.Sc. (Arts) 1924, M.Sc. 1928, Ph.D. 1933, in recognition of Dr. Vineberg's work as pioneer of modern cardiac surgery and long-time lecturer in the Faculty of Medicine. Awarded on the basis of outstanding academic merit by the Faculty Scholarships Committee to students entering or in the four-year undergraduate program in the Faculty of Medicine. Value: \$6,000.

**MARY AND STUART WEBSTER BURSARY FUND** – established in 2001 through a generous gift from Mary G. Webster, B.A. 1938. The annual income will be used to assist Canadian students entering Medicine or related health sciences programs who have demonstrated financial need. Preference will be given to deserving women students. Value: minimum \$5,000; renewable subject to satisfactory standing.

**DR. MILTON C. AND NINA E. WILSON AWARD** – established in 1970 by a bequest from the late Dr. Milton C. Wilson. The annual income provides support for undergraduate or postgraduate students in the Faculty of Medicine who are in financial need.

**GEORGE WIOR FOUNDATION BURSARIES** – three bursaries in the amount of \$2,500 each, awarded annually to students in financial need with good academic standing. One bursary to a student in each of second, third and fourth year. The bursary is renewable only if academic standing is maintained.

## 6.2.2 Prizes

### YEAR 1:

**F. SLATER JACKSON PRIZE** – founded by Mr. and Mrs. H.F. Jackson in memory of their son, the late F. Slater Jackson, M.D. Awarded to the student with the highest standing in the Molecules, Cells and Tissues unit. Minimum Value: \$750.

**JAMES Q. BLISS ANNUAL BOOK AWARD** – awarded to the student who obtains the highest standing in the Gas, Fluids and Electrolytes unit. Minimum Value: \$100.

**SHIRLEY NANCY ENDMAN PRIZE** – established in 1982 by Louis Endman in memory of his wife. Awarded to the student who obtains the second highest standing in the Gas, Fluids and Electrolytes unit. Minimum Value: \$100.

**ROBERT B. GREENBLATT PRIZE** – endowed in 1987 by Dr. Robert B. Greenblatt, an eminent endocrinologist and professor emeritus at the Medical College of Georgia, who graduated from McGill with a B.A. in 1928 and an M.D., C.M. in 1932. Awarded by the Faculty Scholarships Committee to the student who obtains the highest standing in the Life Cycle unit. Minimum Value: \$1,500.

**MARY AND LOUIS STREICHER PRIZE** – established in 1980, awarded to the student with the highest standing in the Endocrinology, Metabolism and Nutrition unit. Minimum Value: \$700.

**JOSEPH HILS PRIZE** – founded by the late Dr. Joseph Hils, of Woonsocket, R.I. Awarded to the student obtaining the highest standing in the Musculoskeletal and Blood unit. Minimum Value: \$500.

**FRANCIS MCNAUGHTON PRIZE** – established in 1980, a prize and a book are awarded to the student with the highest standing in the Nervous System and Special Senses unit. Prize Value: \$200.

**SAMUEL ROSENFELD PRIZE** – is awarded to the student with the highest standing in Host Defence and Host/Parasite Relationships unit. Minimum Value: \$300.

**EPIDEMIOLOGY BOOK PRIZE** – awarded to the student who obtains the highest standing in Epidemiology and Health in Year 1 of the medical curriculum.

#### YEAR 2:

**MR. AND MRS. J.A. BESNER PRIZE** – awarded to the student obtaining the highest standing in the Introduction to Clinical Medicine component of the medical undergraduate course. Estimated Value: \$1,500.

**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 in the Introduction to Clinical Medicine component with the highest standing in the Introduction to Internal Medicine course. Minimum Value: \$300.

**CARLO BOS PRIZE** – established in 1991, in memory of Dr. Carlo Bos, a humane and respected psychiatrist who taught a multitude of medical students at the Allan Memorial Institute. Awarded on the recommendation of the Physicianship Coordinating Committee to the student who, in the Physicianship 2 courses, has demonstrated the greatest proficiency in communication skills preparatory to the practice of medicine. Estimated Value \$200.

**CHARLES E. FROSST MEDICAL PRIZE** – a Merck Manual and prize are awarded annually to a student, in the Basis of Medicine, who has achieved excellence in the Unit on Pathobiology, Treatment and Prevention of Disease and has demonstrated, on the basis of interviews, the most promise in the field of Pharmacology. Value: \$1,000.

**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 in the Introduction to Clinical Medicine component with the highest standing in the Introduction to Surgery course. Minimum Value: \$300.

**JOSEPH MORLEY DRAKE PRIZE** – founded by the late Joseph Morley Drake, M.D., awarded to the student with the highest standing in the Pathobiology, Prevention and Treatment of Disease unit. Minimum Value: \$1,000.

**MARK NICKERSON PRIZE** – established in 1990 by the Department of Pharmacology and Therapeutics in honour of Professor Mark Nickerson, a renowned McGill pharmacologist. Awarded to the student, in the Basis of Medicine, who has achieved excellence in the unit on Pathobiology, Treatment and Prevention of Disease and has demonstrated, on the basis of interviews, an understanding of the role of pharmacology and therapeutics in contemporary society. Recipients will also receive a scroll. Value: \$250.

**DR. ARTHUR S. SOLOMON AWARD** – presented to the student attaining the second highest standing in the Basis of Medicine component of the curriculum. Value: \$150 (awarded by Dentistry - Medicine & Dental students)

**SUTHERLAND PRIZE** – founded in 1878 by the late Mrs. Sutherland in memory of her husband, William Sutherland, M.D., formerly Professor of Chemistry in the Faculty. Awarded to the student who obtains the highest standing in the Basis of Medicine component of the medical undergraduate curriculum. Minimum Value: \$750.

**PRIZE IN FORENSIC MEDICINE** – established in 1953, awarded to the second year medical student registered in course "Medical Ethics and Health Law" who writes the best essay, as assigned in the course syllabus, on the topic of medical ethics and health law. Minimum Value: \$1,500.

#### YEAR 4:

**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. Minimum Value: \$750.

**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. 1981, M.D., C.M. 1985. 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. Value: \$400.

**CAMPBELL KEENAN MEMORIAL PRIZE IN CLINICAL SURGERY** – established by the late Miss Charlotte Mildred Agar in memory of the late Dr. Campbell B. Keenan. Awarded to the graduating student who has shown the highest proficiency in Clinical Surgery. The winner of the Robert Forsyth Prize in Surgery is ineligible. Minimum Value: \$100.

**DR. ALLEN SPANIER PRIZE FOR PROFESSIONALISM IN MEDICINE** – established in 1999 by Beverly Spanier, BA'67 to honour the memory of her brother Dr. Allen Spanier, MDCM'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 a tie, financial need will be used to determine the recipient. Minimum Value: \$500.

**DR. JOSEPH SHUGAR - JEWISH GENERAL HOSPITAL PRIZE IN ORTHOPAEDICS** – established in 1989 in memory of Dr. Joseph Shugar who was Orthopaedic Surgeon-in-Chief at the Jewish General Hospital. Dr. Shugar established an enviable reputation for clinical teaching at both the undergraduate and postgraduate levels and was active in national and international affairs. This award is granted annually to a graduating medical student who, during his/her undergraduate career, demonstrates the greatest knowledge and proficiency in Orthopaedic Surgery. Selection will be made by the Division of Orthopaedic Surgery. Value: \$350.

**E. DAVID SHERMAN AWARD IN GERIATRIC MEDICINE** – awarded to the most outstanding student in the field of clinical geriatric medicine. Minimum Value: \$1,500.

**ELIZABETH ANN MUNRO GORDON PRIZE** – established in memory of Dr. Elizabeth Ann Gordon. Awarded to the member of the graduating class, who in the opinion of the Faculty and students, embodies the highest qualifications to practise medicine and has demonstrated outstanding leadership abilities. Value: \$750

**H.S. BIRKETT MEMORIAL PRIZE IN OTOLARYNGOLOGY** – established by Miss Winifred Birkett in memory of her father, the late Dr. H.S. Birkett, formerly Professor of Otolaryngology. Given to the student who has shown outstanding performance in Otolaryngology. Minimum Value: \$1,500.

**J. FRANCIS WILLIAMS PRIZE IN MEDICINE AND CLINICAL MEDICINE** – founded by the late J. Francis Williams, M.D. Awarded to the student obtaining the highest standing in the Internal Medicine Clerkship of the medical curriculum. Value: \$500.

**JOHN H. ALTSHULER PRIZE IN FAMILY MEDICINE** – established in 2006 by David Altshuler and the Altshuler family, in honour of his father, John Altshuler, B.Sc. (1955), M.D., C.M. (1959). Awarded annually by the Faculty of Medicine to a graduating medical student with the highest mark in the family medicine clerkship. Estimated Value: \$1,000.

**MCGILL ALUMNAE SOCIETY PRIZE** – presented upon graduation to a distinguished student for excellence and high academic standing. Preference given to women students. Value: \$150.

**MONA BRONFMAN SHECKMAN PRIZE** – awarded to the student with the highest academic standing in Psychiatry. Minimum value: \$1,250.

**MONTREAL CHILDREN'S HOSPITAL CUSHING MEMORIAL PRIZE** – awarded to the student with the highest standing in Pediatrics. Value: \$300.

**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. Minimum value: \$1,000.

**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. Minimum Value: \$500.

**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. Minimum Value: \$450.

**RONALD DOUGLAS NAYMARK AWARD** – established by the Medical Class of 1984 in memory of Ronald Douglas Naymark, B.Sc., M.D., C.M. (McG.), 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.

### 6.2.3 Medals

**HOLMES GOLD MEDAL** – founded by the Medical Faculty in 1865, in memory of the late Andrew Holmes, M.D., LL.D., Dean of the Faculty. It is awarded to the student graduating with the highest aggregate standing in the entire medical curriculum.

**WOOD GOLD MEDAL** – endowed by Casey A. Wood, M.D., LL.D. in memory of his grandfather, Thomas Smith Wood. It is awarded for the most outstanding clinical performance achieved by a student in the Clerkship Period. The winner of the Holmes Medal is not eligible.

### 6.2.4 Graduate Awards

**THE COLE FOUNDATION FELLOWSHIPS IN MEDICINE** – established by The Cole Foundation in 2006 to fund fellowships for postdoctoral research in pre-leukemia, leukemia and other cancer-related diseases within the McGill University Faculty of Medicine or its affiliated hospitals. Eligible areas include fundamental, translational, clinical and population-based research, with an emphasis on children and young adults. Two-year Fellowships will be awarded by the Postgraduate Awards Committee of the Faculty of Medicine, the second year of funding being contingent on a favorable mid-term evaluation. Value: \$40,000 per year for Post-Ph.D.; and \$50,000 per year for post-MD.

**CHARLES E. FROSST/MERCK FELLOWSHIP IN PHARMACOLOGY** – established in 2007 by Dr. Alan C. Frosst and Merck Frosst Canada Ltd. to support research and scholarship in the area of aging and neuro-degeneration under the supervision of the Charles E. Frosst-Merck Chair in Pharmacology. Awarded by the Faculty of Medicine upon recommendation of the Department of Pharmacology and Therapeutics to an outstanding postdoctoral student in the Department. Value: \$46,000; renewable up to two times based

upon evaluation by the Department of Pharmacology and Therapeutics. Note: This Fellowship is accompanied by a research allowance of up to \$14,000 per year.

**DR. DAVID T.W. LIN FELLOWSHIP** – Estimated Value: \$15,000.

**MARGARET LOCK PRIZE IN SOCIAL STUDIES OF MEDICINE** – Estimated Value: \$500.

**DR. BENJAMIN SHORE PRIZE IN PLASTIC SURGERY** – Estimated Value: \$4,000.

### 6.2.5 Loan Funds

**MAUDE ABBOTT MEMORIAL LOAN FUND** – established by the Federation of Medical Women of Canada. Any woman medical student, first year intern, or graduate student may apply to the Secretariat, Federation of Medical Women of Canada, Box 8244, Ottawa, Ontario, K1G 3H7.

**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 graduates.\*

**DAVID M. CALDWELL STUDENT LOAN FUND** – established in 1973 by a bequest from the late David M. Caldwell, M.D. (1919) to assist students in the Faculty of Medicine, with preference to American students.\*

**CLEMENT C. CLAY MEMORIAL LOAN FUND** – established in 1985 by a bequest from Clement C. Clay, M.D. (1932) to provide loan assistance for students born in the United States who are registered in the Faculty of Medicine.\*

**ALEC AND SYLVIA DOLLIN LOAN FUND** – established in 1965 by Mr. Alec Dollin to provide loans for medical students.\*

**KELLOGG LOAN FUND** – established by the Kellogg Foundation. It provides loans up to a maximum of the tuition fees in any one year. Available to students in good standing and with financial need. Application and regulations are as for other loan funds of the University.\*

**LACEY LOAN FUND** – established in 1962 by a donation from Mrs. Herbert Van Devanter Lacey, Cheyenne, Wyoming, primarily to aid medical students from the State of Wyoming. It may however be extended to others in accordance with the following priorities: medical students from the State of Wyoming; dental students from the State of Wyoming; medical students from other states of the U.S.A.; medical students from other countries. Loans are not to exceed \$700 per year.\*

**GEORGE W. MERCK MEMORIAL LOAN FUND** – established in 1960 by the Merck Company Foundation to provide loans for undergraduate medical students, interns and residents.\*

**GERTRUDE MUDGE MEMORIAL STUDENT AID FUND** – established in 1958 by donations from students, graduates, and staff in memory of the late Gertrude Mudge, for many years Assistant Secretary of the Faculty of Medicine. Loans shall not exceed the fees for the year.\*

**WESTON FAY VOLBERG JR. MEMORIAL LOAN FUND** – established in 1956 by classmates of the late Weston Fay Volberg, Jr., M.D., C.M. (1953). It is available to medical students.\*

*\*Apply to Scholarships and Student Aid Office.*

## 6.3 Programs of Study, Admission and Curriculum

### 6.3.1 Undergraduate Programs of Study

#### 6.3.1.1 M.D.,C.M. Program

The Faculty of Medicine offers a four-year, undergraduate medical curriculum leading to an M.D.,C.M. (*Medicinae Doctorem et Chirurgiae Magistrum*) degree.

The curriculum objectives correspond to the Faculty of Medicine mission and aim to equip the student to meet the most stringent standards of medical practice and professionalism to ensure career-long excellence in whole-person care. Upon completion of the program, the graduate will be able to function responsibly, in a supervised clinical setting, at the level of an undifferentiated physician. The program emphasizes the fundamental sciences and scientific methodology as pillars of medical knowledge. It provides traditional lectures and small group teaching, as well as laboratory and computer teaching.

The curriculum consists of 5 components: Basis of Medicine (BOM), Introduction to Clinical Medicine (ICM), Core Clerkships, Senior Clerkships, and Physicianship & Physician Apprenticeship. Units of Physicianship are present in each curricular component. Physician Apprenticeship is a longitudinal course throughout the four years. For more information, refer to [section 6.4.1 "Curriculum Outline"](#).

#### 6.3.1.2 M.D.,C.M./Ph.D. Program

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

Acceptance into the M.D.,C.M./Ph.D. program is conditional upon fulfilling the requirements for and being accepted into the four-year medical program. Students applying to the program should have had experience in research, such as a master's degree, honour's research project, or summer research. Once accepted to the M.D.,C.M./Ph.D. Program and during the first year of the combined program, students begin the process of choosing a supervisor and research laboratory for their Ph.D. studies. The McGill Faculty of Medicine Winter and Summer Research Bursary programs are useful for screening potential laboratories. Research is usually carried out on a topic in the biomedical sciences within one of the Basic Science or Clinical Science Departments within the Faculty of Medicine. With the help of the M.D.,C.M./Ph.D. Program Advisory Committee, students must choose a supervisor and department for their Ph.D. studies by September of year two and be accepted for admission to graduate studies by the McGill Graduate and Postdoctoral Studies Office.

Students currently enrolled in the first year of the medical curriculum at McGill and who have a Bachelor's or Master's degree are eligible to apply before September 1 of their second year of medical school.

#### 6.3.1.3 M.D.,C.M./M.B.A. Program

Uniquely positioned to meet the evolving needs of tomorrow's health care professional, McGill's joint Program in Medicine/Management is a five-year program that prepares graduating

physicians for leadership positions in the health care sector. Unlike other educational institutions that offer joint Medicine/Management programs, the first year of the McGill M.D.,C.M./M.B.A. ("MD-MBA") program is spent in the Desautels Faculty of Management. This unique sequence of study allows students to understand the infrastructure within which health care is delivered to patients before beginning their medical studies. This innovative approach enhances students' sensitivity to important health care management issues, and provides them with the critical insight and managerial tools they will need to question, challenge and improve existing management conventions.

The program offers a cohesive approach ensuring continuity within this multi-disciplinary educational experience, the integrated curriculum, emphasis on teamwork and group learning and their practical experience. The management portion of the curriculum is a challenging, world-class academic program that builds on McGill's traditional strengths in functional areas. Through a curriculum that focuses on integration, students gain a strong grounding in the basic business disciplines while developing an understanding of their relationship within the broader organizational context.

By balancing quantitative and qualitative studies, students also develop the intangible business skills required in today's dynamic workplace - the abilities to apply knowledge to the greatest benefit of the organization, to make effective decisions, to both work in teams and lead others, and to adapt to non-structured situations. Employing a unique blend of case studies, exercises, discussions, group work, participatory role-playing and lectures, the M.B.A.'s balanced teaching approach ensures that course material is presented in the most effective way. Unlike other institutions, McGill Management stresses collaboration and teamwork among its students rather than promoting artificial competition.

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

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

#### 6.3.1.4 Med-P Program

The Faculty of Medicine offers a special program for immediate graduates of the Quebec Collegial (CEGEP) system, which combines one year of Science curriculum followed with the standard four-year M.D.,C.M. program. The preparatory year will involve courses in molecular biology, cell biology and metabolism, organic chemistry (where applicable), along with a selection in fields like computer science, intermediate chemistry, physiology, and mathematics. Students will also be required to take courses in the Humanities, and Social Sciences along with electives of their choosing. Students of this Med-P program are expected to maintain a high average throughout their preparatory year in order to continue into the M.D.,C.M. program. All campus-wide services including student advising, tutorship, financial or academic aid are available to Med-P students.

In the first year of the Med-P program students are registered in the Faculty of Science. In addition to completing the specific requirements for entry into the M.D.,C.M. program, they must take a number of optional courses selected for the purpose of broadening and enriching their education. Following the successful completion of this year, these students with a CGPA of 3.5 and no grades less than B in the compulsory courses proceed into the first year of the M.D.,C.M. program.

It should be noted that there are many more applicants for the Med-P program than can be accepted. Unsuccessful applicants are ordinarily well qualified for admission into other undergraduate degree programs (e.g., Bach. Arts, Bach. Science, etc...). In their own interest, all applicants are advised to make an application for an alternate program. This can be done by making a second program selection when submitting an on-line application via Minerva.



### 6.3.2 Requirements for Admission

For the most current information regarding admission requirements or procedures, consult the Faculty of Medicine Admissions Office Website at [www.medicine.mcgill.ca/admissions](http://www.medicine.mcgill.ca/admissions).

#### 6.3.2.1 M.D.,C.M., M.D.,C.M./Ph.D. and M.D.,C.M./M.B.A. Programs

##### 1. Undergraduate Degree

Applicants must have received (or be in the final course of study so as to receive) an undergraduate (Bachelor's) degree in any discipline from a recognized college or university consisting of 120 credits minimum prior to the date of registration for the first year of medical studies. The degree must be/have been conducted with a full course-load throughout each regular session and applicants must have followed the syllabus of their chosen course of study (i.e.: have completed the program in the prescribed time). It is recommended that applicants have a minimum 3.50 cumulative grade point average (CGPA) on a four-point system in order to be considered as a competitive applicant. For applicants holding a foreign medical degree, that degree and its cumulative point average can be substituted for a Bachelor's degree.

Although the Faculty attempts to ensure by means of the specific requirements listed below that all students have an adequate preparation in science, it also wishes to encourage students from a variety of backgrounds to select medicine as a career. Prospective applicants are therefore advised to pursue courses of study, whether in the natural or social sciences or the humanities, which appeal to them and which have as their aim a broad education and intellectual training rather than merely anticipating the medical curriculum.

Official transcripts must have numerical or letter grades. Narrative transcripts are not accepted.

##### 2. Basic Science Requirements

Applicants must have successfully completed (or be in the final stages of completing) the following courses at a university level with laboratory or practical work in each:

- minimum six (6) credits of general/introductory Biology
- minimum six (6) credits of general/introductory Chemistry
- minimum six (6) credits of general/introductory Physics
- minimum three (3) credits of introductory Organic Chemistry

Minimum credits do not include compulsory laboratory or practical work. Grades of "Pass/Fail" (Satisfactory/Unsatisfactory) or of similar schema are not acceptable in course work; numerical or letter-class grades are required. Distance/correspondence education courses are not acceptable. Prerequisite courses completed more than eight years from date of application must be repeated. Limited exceptions may be made for applicants with advanced degrees in the material concerned.

Requirements completed at a pre-university program as part of advanced secondary or post-secondary studies can be accepted at the discretion of the Admissions Office.

Courses in biochemistry, cell and/or molecular biology are recommended but are not required for admission.

##### 3. Medical College Admission Test (MCAT)

Applicants must have taken a Medical College Admission Test (MCAT) and authorized release of all results so as to have the official results received by the application deadline. Test results dating more than three years from the application deadline will not be considered. It is recommended that applicants have a minimum overall numeric score of 30, with no science section numerical score less than 9, and verbal reasoning score no less than 8. Applicants should have written the MCAT no more than three times in order to be considered a competitive applicant.

Information regarding the MCAT, including testing dates, locations, and preparation materials can be obtained from the American Association of Medical Colleges (AAMC) at [www.aamc.org/students/mcat](http://www.aamc.org/students/mcat). It is recommended that all applicants read through the MCAT essentials for full details. Be aware that registration for

the computer-based test is limited. We suggest that you inquire about registration as early as possible.

##### M.D.,C.M./M.B.A. Program

Applicants for the M.D.,C.M./M.B.A. program must first meet all the requirements described above. While some basic business administration or management courses are recommended, they are not required. However, applicants should possess a solid grounding in mathematics and computer/database management.

##### M.D.,C.M./Ph.D. Program

Applicants for the M.D.,C.M./Ph.D. program must first meet all the requirements described above. It is recommended that applicants have research experience and have a clear understanding of which field of research they wish to pursue. Acceptance into the M.D.,C.M./Ph.D. program is also conditional upon being accepted in one of the programs of Graduate and Postdoctoral Studies.

Students currently enrolled in the first year of the medical curriculum at McGill and who have a Bachelor's or Master's degree are eligible to apply before September 1 of their second year of medical school.

#### 6.3.2.2 Med-P Program

##### 1. Quebec Diploma of Collegial Studies (DCS)

Applicants must be currently enrolled in the final year of a pre-university Science program (200.B0) of the Québec Colleges of General and Professional Education (CEGEP) and must complete this program in two consecutive years. The applicant must carry a full course load in each of the regular consecutive semesters of study, without interruption.

##### Other Acceptable Programs

Applicants who have followed a combined three-year Science program (example: 200.11, 200.12, 200.13, 200.15, 200.16), or have followed the joint Science and International Baccalaureate program (200.10) are also eligible providing they are currently enrolled in the final year of the DCS and that they have not extended the length of their program.

The integrated Arts & Science program ("*DEC intégré*"; 700.A0) is also acceptable, providing the applicants have completed the following: two courses recognized both by the McGill Faculties of Medicine and of Science in each of (a) Biology, (b) Chemistry, (c) Mathematics, (d) Physics. Should the course content of any of these fail to satisfy the criteria, the student may be required to use electives during the Med-P year to complete the required courses.

Applicants currently following a *Sport-Études* program in either Science or the integrated Arts & Science are eligible to apply. Such applicants must submit a special form which describes in detail all relevant sport activities. A sub-committee of the Admissions Committee will determine the eligibility of the student.

##### 2. Required Courses

Applicants must have completed the following courses and successfully achieved the competency codes as regulated by the *Ministère de l'Éducation, du Loisir et du Sport du Québec* (MELS) by time of graduation with the DCS:

- Biology: NYA (00UK), General Biology II (00XU);
- Chemistry: NYA (00UL), NYB (00UM), Organic Chemistry I (00XV);
- Mathematics: NYA (00UN), NYB (00UP);
- Physics: NYA (00UR), NYB (00US), NYC (00UT).

For more information on these codes and their requirements, please contact your CEGEP academic advising office.

All courses, in order to be accepted, must have numerical grades and cannot be taken via distance/correspondence education.

The Medical College Admission Test (MCAT) is not required for admission into the Med-P program.

##### 3. Proof of Quebec Residency

Applicants must be Canadian citizens/permanent residents of Canada and be recognized as a resident of Quebec as per the

MELS criteria. Consult the section on Applicant Categories (section 6.3.3.1 "Applicant Categories") for more information.

#### 4. Additional Conditions of Eligibility

The Med-P program is not open to:

- students currently following a CEGEP, College, or technical program other than those mentioned above (without exception)
- students currently following one of the pre-university CEGEP/College programs listed above, but who have extended the length of their program for reasons not approved by the Faculty of Medicine Admissions Office\*
- students who have previously or are currently following distance education or summer/interim session courses in any of the required courses for graduation
- students who have already obtained a post-secondary diploma (e.g. DCS) or attestation thereof (e.g. ACS)
- students who have been enrolled in a college or university, or in post-secondary technical schools, within or outside of the province
- students who are registered in an undergraduate degree program or have completed an undergraduate degree.

\*If approval is granted, exceptions to subsequent points may apply.

#### 6.3.2.3 Additional Requirements

##### Compulsory Immunization Program

Students enrolled in health education programs (Medicine, Dentistry, Physical and Occupational Therapy, Nursing, etc.) are required by law to complete a series of immunizations within their first year of studies. McGill University enforces the immunization requirements prescribed by the Public Health Department to ensure safety of both the student and their patients.

See section 3.1.11 "Vaccination/Immunization Requirements" for more details.

##### Academic Standards and Essential Skills

Applicants are advised that in order to complete the Faculty of Medicine programs, students will be required to maintain a good standing (academic or otherwise) and to meet the technical standards for the practise of medicine as outlined below. Applicants are advised to review these when considering applying for admission.

Applicants at McGill University Medical School are selected on their academic, personal, and extracurricular dimensions. The medical school admits those who demonstrate the ability to become excellent physicians. Therefore, applicants must have the intellectual, physical, and emotional capacities to meet the requirements of the curriculum without altering the essential program elements. Furthermore, the student must meet these requirements within a reasonable period of time. McGill seeks to provide its graduates with broad general knowledge in all fields of medicine and competence required to enter graduate medical training in a variety of specialties and subspecialties.

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

The essential skills required for matriculation, promotion and graduation at McGill University are defined according to the objectives of our curriculum which in turn are based on the CanMEDS Roles framework of the Royal College of Physicians and Surgeons of Canada and the Four Principles of Family Medicine of the College of Family Physicians of Canada. The CanMEDS roles are Medical Expert, Communicator, Collaborator, Manager, Health Advocate, Scholar and Professional. The Four Principles of Family

Medicine are "the family physician is a skilled clinician", "family medicine is a community-based discipline", "the family physician is a resource to a defined practice population", and "the patient-physician relationship is central to the role of the family physician".

As a Medical Expert and Communicator, the student must have abilities in the areas of observation, communication, motor, intellectual-conceptual, integration and quantification.

Adequate skills in observation require that the student be able to accurately observe a patient and acquire visual, auditory and tactile information. The student must be able to decode written documents, use a stethoscope with or without aids, and observe near and distant objects.

To communicate the student must be able to speak, write, hear and perceive nonverbal communication. A student must be able to communicate effectively and sensitively with patients, families, and any member of the health care team. A student must also be able to summarize coherently a patient's condition and management plan verbally and in writing.

The student must possess the motor skills required to directly perform palpation, percussion, auscultation and other diagnostic manoeuvres in a timely manner. It is also desirable that the student be able to execute motor movements reasonably required to provide general and emergency medical care.

As a Medical Expert and Scholar, the student must demonstrate the intellectual-conceptual, integrative and quantitative abilities to be able 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 Student's Code of Rights and Responsibilities of McGill University and the *code de déontologie* (code of ethics) of the *Collège des médecins du Québec*.

##### Criminal Records/Security Check

Students will be expected to matriculate with the *Collège des médecins du Québec* before October 15 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 matriculation conditions of the *Collège des médecins du Québec*. See section 6.3.5.2 "Collège des Médecins du Québec".

##### Language and Computer Requirements

**Language Proficiency** -- While there is no required test of language proficiency, applicants are expected to have a current working knowledge of the English language (understanding, speaking and writing) and to acquire, in the least, a basic knowledge of French language either before or during the onset of their medical studies. The language of instruction at McGill is English.

**Computer/IT Requirements** -- Because much of the curriculum is available electronically, admitted students should have a computer with word processing/office suite software, compatible web browser and Internet connection. Portable workstations such as

laptops are recommended along with wireless network connectivity (Wi-Fi/802.11b or greater). On campus, students may have access to restricted computer laboratories, laser printers, and limited workstations (including Macs) for temporary assistance.

### International Students

**Student Authorization/Visa** -- Non-Canadian students selected for admission must have a student authorization by the date of registration. Instructions for making application for a student authorization are included with the letter of acceptance. Applicants for this authorization must be able to satisfy the Canadian Department of Immigration that they have adequate funds to complete the entire undergraduate medical program.

**Dual Citizenship** -- U.S. and foreign students holding dual citizenship, one of which is Canadian, must so declare on their initial application. Failure to do so may void the application.

**Degree Recognition** -- It is the personal responsibility of the foreign (non-U.S.) student to ensure that they fulfill all the licensing requirements of the country in which they intend to practice medicine. A medical degree does not necessarily confer the right to practise. Therefore, any international student must submit with their application a letter or official statement issued by the responsible authorities in his or her country indicating that they recognise the medical degree awarded by the Faculty of Medicine at McGill University and that this degree will enable this student to practise medicine in his or her country. Please contact the Admissions Office for more details.

## 6.3.3 Procedures for Selection and Admission

For the most current information regarding admission requirements or procedures, consult the Faculty of Medicine Admissions Office Website at [www.medicine.mcgill.ca/admissions](http://www.medicine.mcgill.ca/admissions).

### 6.3.3.1 Applicant Categories

#### Place of Residence

Each medical school in this province is regulated in the amount of matriculates they can hold each year according to set categories. First and foremost, when submitting an application to McGill Faculty of Medicine, the applicant's category or grouping needs to be established under one of the following:

- Canadian citizen or permanent resident who is a recognized resident of the Province of Québec (see Establishing Proof of Québec Residency);
- Canadian citizen or permanent resident who is not a recognized resident of Québec province, also known as out-of-province Canadians (OOPC);
- International citizen, including citizens of the U.S.A., who do not hold Canadian citizenship or residency (US/Foreign).

Every applicant must submit a proof of citizenship at the time of application. Canadian citizens or permanent residents of Canada must confirm which of the above categories they belong to at time of application.

#### Establishing Proof of Québec Residency

A valid Québec birth certificate meeting the established criteria of the *Ministère de l'Éducation, du Loisir et du Sport* (MELS) will suffice to establish proof of Canadian citizenship and Québec residency.

Those candidates who cannot meet the above and who claim to be a Québec resident must submit a proof of Québec residency by completing the MELS Attestation of Quebec Residency form to this effect before the application deadline. Québec residency status must be fully established by the application deadline. Changes of citizenship or residency after the application deadline will not be considered.

Please contact the Faculty of Medicine Admissions Office for more details.

#### Distribution of Seats

McGill's Faculty of Medicine admits 172 students annually into its school. Distribution of seats is primarily divided between

international students and Canadian students. Among those who are Canadian citizens or permanent resident, there is a second division of those who are in-province residents versus out-of-province. Within the seats for Québec residents there is a final division for matriculates into the M.D.,C.M. or joint M.D.,C.M. (M.D.,C.M./M.B.A., M.D.,C.M./Ph.D.) programs who are university graduates, and for CEGEP graduates who apply to the Med-P program. The following is an overview of the annual distribution of seats.

- International citizen: approximately 9 positions annually
- Out-of-province Canadian: approximately 8 positions annually
- Resident of Québec with university degree: approximately 75 positions annually
- Resident of Québec, graduates of CEGEP: approximately 80 positions annually

Fluctuations in number of positions vary in account of several factors including leaves of absence, deferrals, and matriculates of joint programs.

### First Nations and Inuit Students

The Faculty of Medicine of McGill University encourages First Nations or Inuit students to apply for the medical programs. Four positions reserved for First Nations and Inuit applicants will be available for applicants to the 2009 class in the Quebec Faculties of Medicine. This category of applicants includes members of the First Nations of Quebec-Labrador and Inuit from Quebec. In order to qualify, candidates must:

- self-identify as aboriginal students when applying on-line
- be residents of Québec as per the *Ministère de l'Éducation, du Loisir et du Sport* (MELS)
- hold a CEGEP diploma of Collegial Studies (DCS) in Sciences or a university Bachelor degree of 120 credits
- have completed/be in the final stages of completing the science prerequisites

Candidates with a university degree can apply for the M.D.,C.M., M.D.,C.M./M.B.A., M.D.,C.M./Ph.D. programs. The Admissions Committee may require them to complete a preparatory year as a condition of admission. Candidates without a university degree must apply for the Med-P program.

Applicants to those positions will be asked to submit proof of their status as members of the Quebec-Labrador First Nations or Inuit as described in the *Indian Act* (R.S., 1985, c. I-5) or the *Act respecting Cree, Inuit and Naskapi Native Persons* (R.S.Q., c. A-33.1).

### Students from the U.S.A.

The Faculty encourages applications from United States citizens and offers admission to such applicants each year. Students accepted for admission must have a student authorization by the date of registration. Instructions for obtaining this authorization are included with the letter of offer.

The Faculty of Medicine is accredited by the Liaison Committee on Medical Education of the American Association of Medical Colleges (AAMC) and American Medical Association (AMA), and studying at McGill is equivalent to studying medicine in a medical school in the United States. U.S. students studying at McGill write the United States Medical Licensing Exams (USMLE) in the same way and at the same time as U.S. students studying in U.S. medical schools. While U.S. medical students are eligible to do residency training in Québec, U.S. program directors recognize the high calibre of McGill graduates and those students are very competitive in their U.S. residency applications.

### Other International Students

The Faculty also encourages applications from citizens of other foreign countries and offers admission to a number of such students each year. Most applicants have undertaken some or all of their undergraduate studies in Canadian or U.S. colleges. Students accepted for admission must have a student authorization by the date of registration. Instructions for making application for a student authorization are included with the letter of offer.



Students should know that acceptance into residency programs of any province are governed by province-specific rules and regulations. At the present time, International students wishing to pursue residency training in the USA should be aware that the appropriate route to do so is the J-1 Visa.

### Foreign Medical Graduates

Applicants who are Canadian citizens or permanent residents of Canada who satisfy current Québec residency requirements and who hold a medical degree awarded by a recognized university outside Canada or the United States of America may be eligible to apply to the first year of the M.D.,C.M. program if:

- official transcripts sent by that university show numerical or letter grades for all courses completed AND
- the candidates meet the specific requirements of science prerequisites and MCAT described under the criteria for the M.D.,C.M. program

The criteria for selection will be identical for these candidates as those of candidates applying to the M.D.,C.M. program with the Bachelor's degree. The foreign medical degree and its grade point average (GPA) will be substituted for a Bachelor's degree.

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

#### 6.3.3.2 Admissions Committee

The Admissions Committee is a standing committee of the Faculty of Medicine appointed to recommend admissions procedures and policies and assist the Admissions Executive Committee in the selection of candidates. **The decisions rendered by the Admissions Committee are final and are not subject to appeal.**

The committee membership includes Faculty of Medicine academic staff representatives (physicians and basic scientists); medical residents; medical students; representatives from the allied health professions; and representatives from the community in general.

#### 6.3.3.3 Evaluation

Selection of students by the Admissions Committee is based upon academic achievement at the time of application and an assessment of personal characteristics and accomplishments through an autobiographical letter, letters of reference and personal interviews.

#### Academic Achievement

Academic achievement is determined from the academic record in undergraduate studies and the result of the Medical College Admission Test (except for Med-P program applicants). While completed graduate degrees are taken into consideration, applicants should know that the undergraduate cumulative grade point average (CGPA) and MCAT scores are the major consideration in measuring academic performance. Successful applicants to the M.D.,C.M. or joint M.D.,C.M. programs generally have undergraduate CGPA of 3.5 or better and similar grades in science prerequisites. They also have a total of 30 or more in their MCAT scores.

Academic achievement by applicants to the Med-P Program will be evaluated on the basis of the *côte de rendement collégial* (CRC) scores and performance in the math/science prerequisites. Successful applicants to the program generally have CRC of 34.0 or better and similar grades in science prerequisites.

#### Personal Characteristics and Accomplishments

The initial assessment of personal qualities and achievements is made from a study of the autobiographical letter submitted by all candidates. The letter should give the committee a clear image of the applicant and the personal characteristics and experiences which make him/her particularly suitable for the study and practice of medicine.

Assessment of the autobiographical letter and the confirmatory statements and amplifications contained in the reports from the referees chosen by the student form the basis for a decision on

whether an applicant possessing the academic performance criteria is to be invited for an interview. Files of candidates who are not invited for interviews will not be considered further; they can however submit a new application in a subsequent year.

### Interviews

Selected candidates will be invited to the Faculty of Medicine for an interview session. Attendance is by invitation only, sent a few weeks before the first scheduled date. Only interviewed candidates are admitted.

An interview session is typically scheduled for a full-day and includes at least two interviews with members of the Admissions Committee. Each interview is approximately thirty minutes in length and is conducted on an individual (one-to-one) and independent basis. The purpose of the interview session is for the members of the Admissions Committee to get a better understanding of the applicant in at least two separate instances.

The interviews must be conducted at the Faculty of Medicine in person. Sessions are scheduled for the full day (week day) with activities and presentations between interviews. In certain cases, weekend activities may be coordinated by the Medical Students' Society for candidates who are from out-of-town.

Refer to the **Criteria > Selection Process** section of the Website [www.medicine.mcgill.ca/admissions](http://www.medicine.mcgill.ca/admissions) for any updates.

### Final Evaluation

Once the interviews have been completed, all the components of the application process (GPAs and MCAT scores for applicants to the M.D.,C.M., M.D.,C.M./Ph.D., M.D.,C.M./M.B.A. programs, CRC scores for applicants to the Med-P program, scores assigned to the autobiographical letter and interview performance) are aggregated and reviewed by the Admissions Committee. Places in the entering class are offered to those whose assembled scores are the most competitive. **The decisions rendered by the Admissions Committee are final and are not subject to appeal.**

#### 6.3.3.4 Advanced Standing or Transfer of Credits

The Faculty of Medicine does not grant advanced standing or transfer of credits into the undergraduate medical programs. Students currently in medical school are eligible to apply to the first year of the program if their application provides proof of withdrawal from that medical school and that they meet all the admissions requirements to the M.D.,C.M. program.

#### 6.3.3.5 Early Decision

Reserved only for exceptionally strong candidates, an accelerated review of an application leading to a possible early decision can be made by special request.

Well-rounded students with a strong academic record, high MCAT scores, and who meet all the requirements for the program sought may request an early decision by submitting a separate letter/e-mail to the Admissions Office. Applicants must ensure that all required documents, including official transcripts, official MCAT scores, autobiographical letter as well as three reference letters, are sent immediately to the Admissions Office. Once the application dossier is complete, the Admissions Committee will review it and a decision to award an early interview will be made within ten business days.

Successful candidates who receive an early offer to the Faculty of Medicine at McGill must withdraw their applications to or acceptances from other medical schools in order to maintain their accepted status at McGill. Candidates who get early interviews but are not given an early offer maintain their candidacy in the regular admission cycle, keeping all evaluations and scores received during the early interviews. No additional interviews are granted.

Early decisions are not available to Med-P applicants.

Refer to the **Applying > Early Decision** section of the Website [www.medicine.mcgill.ca/admissions](http://www.medicine.mcgill.ca/admissions) for any updates.

### 6.3.3.6 Deferrals and Leaves of Absence

#### Deferred Admission

Admission into the first year of the M.D.,C.M. program may be deferred for a period of one year for the defined academic purpose of obtaining an advanced degree. However, students currently enrolled in graduate programs are expected to apply only when they are in the final year of that program. A written request which includes the details of the proposed academic program must be submitted no later than July 1 of the year in which deferral is sought. Deferred admission is not granted for the Med-P program.

#### Leave of Absence

Leaves of absence will be granted only for reasons of health or family crisis. Requests for leaves must be discussed with the Associate Dean and be accompanied by supporting documentation (e.g. a letter from the student's physician/counsellor). Permission for a leave of absence is required from the Dean of Medicine.

In general, a medical leave is granted for up to one year. The Faculty reserves the right to impose a limitation on the number as well as the total duration of leaves. Should a prolongation be requested, the Faculty of Medicine reserves the right to require a second opinion from a Faculty-designated physician. A student returning from a medical leave must provide supporting documentation from the treating physician/counsellor. This document must state that the student is capable of resuming his or her studies. Once the leave has been approved by the Dean, the student's registration and fees must be clarified with the Student Records Officer. Students may be required to forfeit all or part of their tuition fees. All students must have an interview with the Student Aid Office to reassess impact on financial aid.

The Faculty will consider requests for other leaves under exceptional circumstances, as in the case of a student awarded a Rhodes Scholarship.

### 6.3.3.7 Notification of Decision

International applicants tend to receive their notice of final decision mid-February. Out-of-province Canadian applicants tend to receive their notice of final decision beginning March. Québec applicants (with the exception of Med-P applicants) tend to receive their notice of final decision mid-April. Applicants to the Med-P program typically receive their notice of final decisions in mid-May. Decisions are released via the Minerva system and confirmed by e-mail.

### 6.3.3.8 Acceptance of Offers

Acceptance is conditional upon receipt of a Bachelor's degree (M.D.,C.M., M.D.,C.M./Ph.D., M.D.,C.M./M.B.A. programs) or Diploma of Collegial Studies (Med-P program) and upon the successful completion by the time of registration of studies currently in progress, including the requirements for admission, at a level comparable to past academic performance.

Successful applicants must respond within two weeks to the offer of a place in the entering class.

For students accepted into the M.D.,C.M., M.D.,C.M./Ph.D., or M.D.,C.M./M.B.A. programs, notification of acceptance must be accompanied by a deposit of \$500, which will be applied against tuition. The deposit is refundable up to May 15 for international applicants, and up to June 15 for Out-of-Province Canadian applicants and Québec residents.

For students accepted into the Med-P program, notification of acceptance of the offer must be accompanied by a deposit of \$300, which will be applied against tuition. The deposit is refundable up to July 15.

### 6.3.3.9 Practice of Medicine

Being able to practice medicine in Québec requires a few steps. First and foremost, you are required to complete four years of undergraduate medical studies leading to a medical doctorate degree, such as McGill's M.D.,C.M. degree.

Next is the graduate (a.k.a. postdoctoral) medical training which can vary from two to six years, depending on the type of specialization sought. This training is under the direction of a university's Postgraduate Medical Education Office and typically conducted in

a clinical/hospital environment. In Québec, along with Family Medicine, there are 35 recognized specialties. Obtaining a licence in any specialty, including Family Medicine, requires passing the necessary exam(s) from the *Collège des médecins du Québec* (CMQ) and/or other organizations. Consult the Requirements for Licence (section 6.3.6.2 "Requirements for Licence") or the CMQ Website ([www.cmq.org](http://www.cmq.org)) for more information.

## 6.3.4 Procedures for Submission of Application

For the most current information regarding admission requirements or procedures, consult the Faculty of Medicine Admissions Office Website at [www.medicine.mcgill.ca/admissions](http://www.medicine.mcgill.ca/admissions).

### 6.3.4.1 Application Deadlines

Deadline for submission of an application and all supporting documents is dependent on the program choice and the category of the applicant (see Applicant Categories). All items should be post-marked no later than the given deadline and received within seven days.

Annual Application Deadlines:

- International Applicants: M.D.,C.M., M.D.,C.M./Ph.D. or M.D.,C.M./M.B.A. programs: November 15
- Out-of-Province Canadian Applicants: M.D.,C.M., M.D.,C.M./Ph.D. or M.D.,C.M./M.B.A. programs: November 15
- Québec Applicants: M.D.,C.M./Ph.D. or M.D.,C.M./M.B.A. programs: November 15
- Québec Applicants: M.D.,C.M. program: January 15
- Québec Applicants: Med-P program: March 1

### 6.3.4.2 Supporting Documents

It is highly recommended that candidates submit their application information on-line **at least two weeks before the given deadline** so as to receive their McGill identification number. No paper-based applications are accepted. Applicants should include their McGill ID number in all submissions and correspondence.

Applicants to the **M.D.,C.M. program** are required to submit (a) official academic records of every post-secondary institution attended, (b) official MCAT results and test history, (c) a 1200-word autobiographical letter and (d) two-page curriculum vitae, (e) a referee report along with recommended letters of reference attached from three referees (recommend two from a current academic source) and (f) current proof of citizenship or residency.

**Note:** this list is non-exhaustive and applicants are required to consult with the Admissions Office (see [www.medicine.mcgill.ca/admissions](http://www.medicine.mcgill.ca/admissions)) for complete details of the procedures.

Applicants to the **M.D./Ph.D. program** are required to submit all supporting documents of the M.D.,C.M. program, with a small exception to the content of the autobiographical letter. They are invited to submit a résumé of their research abstracts (where applicable; with full bibliography) in a single document following the general formatting rules of the autobiographical letter and its rules of submission. Consult [www.medicine.mcgill.ca/admissions](http://www.medicine.mcgill.ca/admissions) for more details.

Applicants to the **M.D./M.B.A. program** are required to submit all supporting documents of the M.D.,C.M. program, with a small exception to the content of the autobiographical letter. They are asked to have two additional referee evaluations submitted using the evaluation form found at the Faculty of Medicine Admissions Office Website. These two additional evaluations can be written from the same pool of referees. Consult [www.medicine.mcgill.ca/admissions](http://www.medicine.mcgill.ca/admissions) for more details.

Applicants to the **Med-P program** are required (a) to submit their Quebec Ministry of Education Permanent Code (Perm Code) or official academic records, (b) a 1200-word autobiographical letter and (c) two-page curriculum vitae, (d) referee reports and letters of reference from three referees and (e) a copy of a valid Québec birth certificate or proof of Québec residency.



**Note:** this list is non-exhaustive and applicants are required to consult with the Admissions Office (see [www.mcgill.ca/admissions](http://www.mcgill.ca/admissions)) for complete details of the procedures.

The following additional supporting documents may be requested after the review of an application: (a) description or syllabi of prerequisite course(s); (b) statement of registration, or intention of registration, of current course(s); (c) photographic identification (when invited for an interview); (d) proof of graduation; (e) description or syllabus of program or graduation requirements; (f) supporting documentation for extenuating circumstances. Admission into the program is contingent on the timely receipt of all required documents. For more details, consult [www.mcgill.ca/admissions](http://www.mcgill.ca/admissions).

#### 6.3.4.3 Additional Information

**McGill ID Number** -- After the successful completion of an on-line (Minerva) application, the applicant will receive a notice through the mail that the application was received and will be assigned a McGill Identification Number. To expedite the admissions process, the admissions office requires the McGill ID number with the name in any communication, document transmission, or anything else pertaining to the application file.

**Disclosure** -- No information whatsoever will be given to anyone enquiring on behalf of an applicant without the applicant's written authorization.

**Name Discrepancies** -- The Admissions Office must be notified of any name discrepancies or variations among any of the official papers, most especially at the level of transcripts or MCAT results. Failure to do so may result in an incomplete admission file.

**Interviews** -- Interviews are conducted in the Faculty Offices in Montreal during the dates provided. Physical presence for the interview is compulsory; video conferencing or telephone interviews are not allowed. You will be contacted to arrange a time for the interviews. It is the applicant's responsibility to be available for interviews.

**Reapplication** -- The Admissions Office does not carry over admission dossiers for future sessions should the applicant not be admitted. Students who wish to reapply must submit a new application along with the required materials.

#### 6.3.4.4 Admissions Office

Faculty of Medicine Admissions Office  
McGill University  
McIntyre Medical Sciences Building  
Suite 602, 3655 Promenade Sir-William-Osler  
Montréal, Québec, Canada  
H3G 1Y6  
Tel: +1 514-398-3517  
Fax: +1 514-398-4631  
Web: [www.mcgill.ca/admissions](http://www.mcgill.ca/admissions)  
E-mail: [admissions.med@mcgill.ca](mailto:admissions.med@mcgill.ca)

### 6.3.5 Procedures for Registration

#### 6.3.5.1 Program Registration

##### New Students

All students entering the four-year M.D.,C.M. program must initiate registration on the Web by adding the registration course REGN-RCMD on Minerva.

The Minerva Registration period for newly admitted Medicine students is August 5 - August 18, 2008. See [www.mcgill.ca/minerva-students](http://www.mcgill.ca/minerva-students) for registration dates.

In order for the official registration in the M.D.,C.M. program at McGill to be confirmed, the student must also present him or herself, with proper documentation, at the Faculty Registration and Orientation to be held from August 19-21, 2008 inclusive.

**ATTENDANCE IS MANDATORY.** Failure to attend will result in cancellation of the student's offer of admission to the program and registration.

For further information, consult the Web at [www.mcgill.ca/minerva](http://www.mcgill.ca/minerva) and the registration information being mailed to incoming students in June.

#### Returning Students

All returning students must register on the Web by adding the registration course REGN-RCMD on Minerva. Returning students must register by the deadline specified or pay the appropriate late registration fees.

For further information, consult the Web at [www.mcgill.ca/minerva](http://www.mcgill.ca/minerva) and the registration information e-mailed to returning students in early April.

#### 6.3.5.2 Collège des Médecins du Québec

All students studying medicine in a university of the province of Québec are required by law to register with the Collège des Médecins du Québec by October 15 of their first year of study. Registration packages are made available to accepted students. A student who fails to comply with this requirement or who has their registration withdrawn will not be permitted to continue in the program ([www.cmq.org](http://www.cmq.org)).

#### 6.3.5.3 Standards of Behaviour

The teacher/learner relationship is based on mutual trust, respect and responsibility. The Faculty of Medicine therefore has many legitimate expectations related to the behaviour of students and faculty members. A Code of Conduct for the undergraduate medical program is printed in the *Student Handbook* (distributed at orientation) and may be reviewed on the Web at [www.mcgill.ca/ugme](http://www.mcgill.ca/ugme). The Faculty is committed to providing a learning environment which respects this Code. Student/faculty harassment, abuse and mistreatment are not tolerated. Students who demonstrate inappropriate professional conduct or are found guilty of a criminal offence may be dismissed from the program.

#### 6.3.5.4 Leaves of Absence

Leaves of absence during medical studies are generally discouraged and with few exceptions are granted only for reasons of health or family crises. Requests for leaves must be discussed with the Associate Dean. Permission is granted by the Dean. A request must be accompanied by supporting documentation (e.g., a letter from the student's physician/counsellor). In general, a medical leave is granted for up to one year. The Faculty reserves the right to impose a limitation on the number as well as the total duration of leaves.

A student returning from a medical leave must provide supporting documentation from the treating physician/counsellor. These documents must state that the student is capable of resuming his/her studies.

Should a prolongation be requested, the Faculty of Medicine reserves the right to require a second opinion from a Faculty-designated physician.

Once the leave has been approved by the Dean, the student's registration and fees must be clarified with the Student Records Officer. Students may be required to forfeit all or part of their tuition fees. All students must have an interview with the Student Aid Office to reassess impact on financial aid.

Leaves of absence will be noted on official transcripts and Dean's Letter/Medical Student Performance Evaluation form.

### 6.3.6 Requirements for Matriculation

#### 6.3.6.1 Requirements for the Degree of M.D.,C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty years of age.
2. Candidates must have fulfilled all the requirements for entrance to the Faculty of Medicine.
3. No one is permitted to become a candidate for the degree who has not attended at least two full academic years at this University's Faculty of Medicine.

4. Every candidate for the degree must have passed all the required evaluations of the medical curriculum.

### Residency Matching Services

A matching service is a clearing house designed to help final year medical students obtain the residencies of their choice and to help hospitals and program directors obtain the students of their choice. It provides an orderly method for students to decide residency choice and for programs to decide which applicants they wish to enrol. For both students and program directors, it attempts to remove the factors that generate unfair pressures and premature decisions.

The matching service acts as the agent of students on the instructions embodied in the confidential list of all the residencies for which they have applied, ranked in order of preference. Similarly, the matching service acts as the hospital's agent on the instructions embodied in its confidential list of all the students who have applied, ranked in order of the hospital's preference.

Students at McGill have access to different matching services including the Canadian Resident Matching Service (CaRMS) which matches applicants across Canada and the National Resident Matching Program (NRMP) which matches applicants to programs in the U.S.

The Faculty provides comprehensive career guidance. Information sessions and personal counselling are provided throughout the program. Students are given assistance in navigating the residency application process. To this end, the Faculty makes use of its extensive alumni network throughout North America.

#### 6.3.6.2 Requirements for Licence

Candidates accepted for admission are reminded that it is their personal responsibility to ensure that they fulfil all the licensing requirements of the country in which they intend to practise medicine. A university degree does not confer the right to practise. In each province of Canada, in each one of the United States, and in all other countries, the authority to license is vested in a licensing body which has its own special laws and requirements. In many cases a special standard of general education is insisted upon before **beginning** the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years or more before a licence to practise can be obtained.

Candidates accepted for admission should therefore communicate as soon as possible with the licensing body of the country, province or state in which they intend to practise and obtain from that licensing body the necessary instructions.

Candidates wishing to practise medicine in the province of Quebec must also meet the French language requirement for professionals, as described in the General University Information [section 3.9.1 "Language Requirements for Professions"](#).

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards as follows:

- Alberta - Registrar, 10180 - 101st Street, Suite 900,  
Edmonton, AB T5J 4P8
- British Columbia - Registrar, 1807 West 10th Avenue,  
Vancouver, BC V6J 2A9
- Manitoba - Registrar, 1410 - 155 Carlton Street, Winnipeg,  
MB R3C 3H8
- New Brunswick - Registrar, 400 Main Street, Suite 1078,  
Saint John, NB E2K 4N5
- Newfoundland - Registrar, 15 Rowan Street, Churchill Park  
Chambers, St. John's, NF A1B 2X2
- Nova Scotia - Registrar, 5248 Morris Street, Halifax, NS B3J 1B4
- Ontario - Registrar, 80 College Street, Toronto, ON M5G 2E2
- Prince Edward Island - Registrar, 199 Grafton Street,  
Charlottetown, PE C1A 1L2
- Quebec - President-Secretary General, 2170, boulevard René-  
Lévesque Ouest, Montreal, QC H3H 2T8
- Saskatchewan - Registrar, 211 - 4th Avenue S., Saskatchewan,  
SK S7K 1N1

### Medical Council of Canada

Full information concerning the examination may be obtained by writing to the Registrar, Box 8234, Stn.T, Ottawa, ON K1G 3H7. Telephone: (613) 521-6012. Website: [www.mcc.ca](http://www.mcc.ca)

### USMLE

Full information concerning these examinations may be obtained by writing to the USMLE Secretariat, 3750 Market Street, Philadelphia, PA 19104-3190. Telephone: (215) 590-9600. Website: [www.usmle.org](http://www.usmle.org).

### 6.3.7 Medical Equipment

Students are responsible for the purchase of their own medical equipment: stethoscope, B.P. cuff, reflex hammer, ophthalmoscope/otoscope and tuning forks are recommended but optional.

Students are also responsible for purchasing a white lab coat via the Undergraduate Medical Education Office. Information about this and the "white coat ceremony" will be circulated at the end of the first year.

It is also recommended that students purchase a pager for ICM, Clerkship and Senior Clerkship.

### 6.3.8 Graduate Training Programs in the Clinical Departments of the Faculty of Medicine

The Faculty of Medicine, in conjunction with the affiliated teaching hospitals, offers a wide variety of programs leading to McGill Certificates of Residency Training and certification by the Collège des Médecins du Québec, the College of Family Physicians of Canada, and the Royal College of Physicians and Surgeons of Canada. For information on the graduate medical programs available and eligibility and funding, please consult the following Website: [www.medicine.mcgill.ca/postgrad](http://www.medicine.mcgill.ca/postgrad).

### 6.3.9 Graduate Studies and Research in the Medical Sciences

Opportunities for graduate work in the basic medical and clinical sciences leading to the degrees of M.Sc. and Ph.D. are offered by many of the departments of the Faculty of Medicine. By special arrangement, studies for the degree of M.Sc. can be pursued concurrently with work towards the M.D., C.M. degree. In addition, a combined M.D., C.M./Ph.D. program is available (further information can be obtained from Program Administrator, M.D., C.M./Ph.D. Program, McIntyre Medical Sciences Building, 3655 Promenade Sir-William-Osler, Montreal, Quebec, H3G 1Y6). Details of the programs available are included in *Graduate and Postdoctoral Studies Calendar* available on the Web at [www.mcgill.ca/courses](http://www.mcgill.ca/courses).

Research in clinical disciplines is carried out at all locations of the McGill University Health Centre - the Montreal Children's Hospital, the Montreal General Hospital, the Royal Victoria Hospital, the Montreal Chest Institute and the Montreal Neurological Hospital. Research opportunities are also available at the Lady Davis Institute of the Jewish General Hospital, the Douglas Hospital and the Shriners Hospital for Children. For administrative purposes, graduate work in several clinical departments is grouped under the Division of Experimental Medicine and the Division of Experimental Surgery. Other departments administer individual graduate programs. Consult the *Graduate and Postdoctoral Studies Calendar* for a description of the programs.

Inquiries concerning research training in the medical sciences should be directed to the chair or graduate program director of the department in which the candidates wish to receive their graduate education.

## 6.4 Medical Curriculum

### 6.4.1 Curriculum Outline

**PLEASE NOTE:** The Faculty of Medicine will continue to introduce curriculum changes. Students should refer to the Undergraduate Medicine Education Website, [www.medicine.mcgill.ca/ugme](http://www.medicine.mcgill.ca/ugme) for updates.

BASIS OF MEDICINE (BOM) - Class of 2011											
Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.
Molecules, Cells & Tissues (4 weeks)	Gas, Fluids & Electrolytes (9 weeks)		Life Cycle (3 weeks)	Endocrinology, Metabolism & Nutrition (7 weeks)		Musculoskeletal & Blood (4 weeks)	Nervous System & Special Senses (7 weeks)		Host Defense & Host Parasite (7 weeks)	Vacation or Research or Community Project	
Physicianship 1											
Physician Apprenticeship 1											

INTRODUCTION TO CLINICAL MEDICINE (ICM)											CORE Clerkships		
Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.		
Host Defense & Host Parasite (2 weeks)	Pathobiology, Treatment & Prevention of Disease (14 weeks)			PHP 2 ICS, EBM (4 weeks)	Intro to Internal Medicine, Intro to Pediatrics (7 weeks)		Intro to Surgery/Anesthesia/Ophthalmology (7 weeks)		Intro to Family Medicine, Oncology/Neurology/Radiology, Dermatology, Psychiatry (7 weeks)		Vacation	Clerkship (1 week)	Fam Med-Rural (4 wks)
Physicianship 2													
Physician Apprenticeship 2													

CORE CLERKSHIPS											SENIOR			
Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.			
Fam Med-Urban (4 weeks)	Medicine (8 weeks)		Obstetrics & Gynecology (8 weeks)		General Surgery (4 weeks)		Elective (4 weeks)		Pediatrics (8 weeks)		Psychiatry (8 weeks)		Vacation (4 weeks)	Emerg. Medicine (4 weeks)
Physicianship 3														
Physician Apprenticeship 3														

SENIOR CLERKSHIPS									
Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April		
Elective (4 weeks)	Geriatric Medicine (4 weeks)	Surgery Sub-Specialty (4 weeks)	Elective (4 weeks)	Vacation (4 weeks)	Elective (4 weeks)	Physicianship 4 (4 weeks)	Topics in Medical Science 1/Elec (4 weeks)		Study Time (Topics in Medical Science 2) (3 weeks)
Physician Apprenticeship 4									

\* Core Clerkships may be completed in 12 different sequences; one representative sequence is depicted.

\*\* Senior Clerkships may be completed in 7 different sequences; one representative sequence is depicted.

**Note:** Class of 2009 should refer to the 2007-08 Health Sciences Calendar available at [www.mcgill.ca/courses](http://www.mcgill.ca/courses) for their Curriculum Outline.

### 6.4.2 Courses for the Degree of M.D.,C.M.

Four years of medical study in the University leads to the degree of M.D.,C.M.; an additional period of postgraduate training is necessary for licensure.

While the Faculty's administration exercises a general supervision of arrangements for postgraduate applications, the Faculty of Medicine does not assume the responsibility for providing residencies for students

#### Four-Year Program (Class 2010-2011-2012)

(199-204 credits)

Note: This program is currently being revised.

#### Four-Year Program (Class 2009)

(197-203 credits)

#### Required Courses

(197-204 credits)

##### First Year and Second Year, BOM

INDS 101	(6)	Molecules, Cells and Tissues
INDS 102	(6)	Musculoskeletal and Blood
INDS 103	(14)	Gas, Fluid and Electrolytes
INDS 104	(11)	Endocrinology, Metabolism and Nutrition
INDS 105	(4)	Life Cycle
INDS 106	(12)	Nervous System and Special Senses
INDS 120J1/J2/J3	(3)	Physicianship 1
INDS 122J1/J2/J3	(2)	Physician Apprenticeship 1
INDS 207	(12)	Host Defense and Host/Parasite
INDS 208	(20)	Pathobiology Treatment & Prevention of Disease
INDS 220	(1)	Physicianship 2
INDS 222J1/J2/J3	(1.5)	Physician Apprenticeship 2

##### Second Year, ICM

ANAE 301	(1)	Anesthesia - ICM
FMED 301	(1)	Family Medicine - ICM
IMED 301	(7)	Medicine - ICM
IMED 302	(0.5)	Dermatology - ICM
INDS 301	(2)	Introduction to Clinical Sciences
INDS 302	(1)	Medical Ethics and Health Law - ICM
INDS 306	(1)	Introduction to Evidence Based Medicine
INDS 307	(2)	Principles of Oncology
NEUR 301	(2)	Neurology - ICM
OPHTH 300	(1)	Ophthalmology - ICM
PAED 301	(1)	Pediatrics - ICM
PSYT 302	(0.5)	Psychiatry - ICM
RADD 301	(1)	Radiology - ICM
SURG 301	(4)	Surgery - ICM

##### Third Year, CORE CLERKSHIPS

INDS 305	(1)	Introduction to Clerkships
INDS 320J1/J2/J3	(0.5)	Physicianship 3
INDS 322J1/J2/J3	(1.5)	Physician Apprenticeship 3
ELEC 400	(4)	Elective 1 - Clerkships
FMED 405	(8)	Family Medicine - Core Clerkships
IMED 401	(8)	Medicine - Clerkships
OBGY 401	(8)	Obstetrics/Gynecology - Clerkships
PAED 401	(8)	Pediatrics - Clerkships
PSYT 401	(8)	Psychiatry - Clerkships
SURG 402	(4)	General Surgery - Clerkships

##### Fourth Year, SENIOR CLERKSHIPS

INDS 304	(4)	Emergency Medicine - Senior Clerkships
ELEC 401	(3)	Elective 1 - Senior Clerkships
ELEC 402	(3)	Elective 2 - Senior Clerkships
ELEC 403	(3)	Elective 3 - Senior Clerkships
IMED 406	(4)	Geriatric Medicine - Senior Clerkships
INDS 420	(4)	Physicianship 4
INDS 422D1,D2	(0.5)	Physician Apprenticeship 4
SURG 403	(4)	Surgery Sub-Specialty - Senior Clerkships

#### Complementary Courses (6 credits)

##### 6 credits from the following:

ELEC 404	(3)	Elective 4 - Senior Clerkships
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ELEC 405	(3)	Elective 5 - Senior Clerkships
INDS 405	(3)	Topics in Medical Science 1
INDS 407	(3)	Topics in Medical Science 2
<b>Elective Course (0 - 4 credits)</b>		
ELEC 300	(4)	Elective - ICM

#### Educational Goals of the Curriculum

The primary focus of the undergraduate program is to teach and help the students apply core knowledge, skills and attitudes required of a medical professional. The objectives of the program are organized by CanMeds roles and are available in detail on the Undergraduate Medical Education Website [www.medicine.mcgill.ca/ugme](http://www.medicine.mcgill.ca/ugme).

The program will emphasize the fundamental sciences and scientific methodology as pillars of medical knowledge. It will promote and provide opportunities for participation in research and other scholarly activities contributing to the development of new knowledge. It will nurture and enhance an understanding of the meaning of, as well as the personal qualities and values essential to the Physician as Healer and Professional. It is the goal of this School to train professionals who will apply scientific principles throughout their career and who will be able to meet the most stringent international standards of the medical profession.

The student must understand normal and abnormal biological structure and function; normal and abnormal psychology and behaviour; the biological, social, psychological, cultural, environmental and economic determinants of health and illness; the ethical, professional and legal responsibilities in medical practice; and the conceptual framework for interdisciplinarity. The student must acquire the basic clinical skills to assess and manage patients of all ages: these include communicating effectively with patients, families and colleagues; obtaining a comprehensive clinical history; performing a physical examination; performing routine procedures appropriate to the setting; and initiating appropriate investigations and treatment plans (preventive, acute, chronic, intensive, rehabilitative and palliative). The student must solve problems, make decisions, and address ethical dilemmas in the clinical context. The student must demonstrate an ability to collaborate in an interdisciplinary approach to patient/family centred care, and assume a leadership role when appropriate.

The student must demonstrate a commitment to life-long learning and scholarship, develop the skills to search, retrieve, manage and appraise biomedical information, and be able to evaluate the design and results of medical research. The student must behave with commitment, integrity, honesty and compassion.

Upon completion of the medical undergraduate program, the graduate will be able to function responsibly in a supervised clinical setting at the level of an undifferentiated physician.

### 6.4.3 Curriculum Review

The Faculty realizes the need for constant review of the medical curriculum that is necessitated by:

- rapid advances in scientific knowledge;
- changes in the role of the medical school in the community and changes in the delivery of health care;
- modifications to the class size (as mandated by the provincial government);
- modifications to clinical training sites as mandated by the provincial government;
- application of new principles of educational science to medical education.

A permanent Faculty Curriculum Committee, with student representation, is charged with the task of reviewing the curriculum and recommending any modifications of time allocation or content. The curriculum consists of 5 components: BOM, ICM, Core Clerkships, Senior Clerkships and Physicianship. Units in the Physicianship component are being introduced sequentially. This process started in August 2005 (with the graduating class of 2009) with the introduction of the concept of physicianship (i.e., the



physician as healer and professional) throughout the M.D.,C.M. curriculum.

**N.B.: Modifications to the curriculum may take place during the program.**

#### 6.4.4 Evaluation System

The Evaluation System is multifaceted and under constant review by the Faculty. The Faculty reserves the right to change any of these rules and regulations at any time, although in general such changes will not come into effect in the middle of a Promotion Period. For complete Faculty regulations, reference should be made to the Faculty of Medicine *Student Handbook* which is updated annually on the Web at [www.medicine.mcgill.ca/ugme](http://www.medicine.mcgill.ca/ugme) under "student evaluation".

The Faculty operates on a modified pass/fail system. This in effect means that students' standings, class rank, and grades in courses and rotations are not available to any external agency such as hospitals, universities or licensing bodies. For purposes of internal use students' numerical grades are used in the calculations required for student feedback, academic advising and promotion, awards, prizes, Dean's Honour List designation, academic bursaries and Faculty medals.

For the purposes of evaluation, the four-year curriculum is broken down into the following promotion periods. (Subject to change, as necessary.)

#### Promotion Periods – (as of admission 2008):

##### Promotion Period I

Units 1 to 7, Physicianship 1 and Physician Apprenticeship 1

##### Promotion Period II

Unit 8 and Physicianship 2

##### Promotion Period III

Introduction to Clinical Medicine, Physicianship 2 and Physician Apprenticeship 2

##### Promotion Period IV

Core Clerkship, Physicianship 3 and Physician Apprenticeship 3

##### Promotion Period V

Senior Clerkship, Physicianship 4 and Physician Apprenticeship 4

#### Student Promotions

The Committee on Student Promotion and Curriculum Outcomes (CSPCO) will review the academic record, professional conduct and general performance of any student on a regular basis and will determine whether the student may proceed to the next promotion period.

No evaluation, examination mark, etc. shall be considered final until passed by the Committee on Student Promotion and Curriculum Outcomes.

Where a student has failed one or more units, or has been found to have been engaged in unprofessional conduct, the Committee on Student Promotion and Curriculum Outcomes will automatically review the student's entire academic record and general performance. The Committee on Student Promotion and Curriculum Outcomes may require the student: a) to undergo remedial rotation(s), b) to repeat an entire Promotion Period, c) to be suspended from the program for up to one year or d) to be dismissed from the program. A student who obtains a "failure" or two or more "below expectations" may be placed on probation.

Academic offences such as plagiarism and cheating on examinations, including examinations administered by the Faculty of Medicine on behalf of external agencies, and unprofessional conduct, are considered serious offences which could lead to dismissal from the program. A student who engages in criminal activity and/or who is found guilty of having violated the criminal code will have his/her dossier referred to the CSPCO; this may be considered evidence of unsuitability for the practice of medicine and grounds for dismissal from the program.

The Faculty reserves the right to dismiss from the program any student who is considered incompetent and/or unsuitable for the practice of medicine.

#### Promotion Periods – (as of admission 2005):

##### Promotion Period I

Evaluation will be reflective of the objectives of an individual unit.

The students' performance in each unit will be assessed by intraunit and final evaluation.

The student must complete all units in Promotion Period I successfully and attain a defined average in order to be promoted to Promotion Period II (see *Student Handbook* for details).

The Committee on Student Promotion and Curriculum Outcomes will review the record of any student failing a unit and, under certain conditions, remedial activity and a supplemental evaluation will be permitted.

##### Promotion Period II

Evaluation will be reflective of the objectives of an individual unit.

The students' performance in each unit will be assessed by intraunit and final evaluation.

The student must complete all units in Promotion Period II successfully and attain a defined average in order to be promoted to Introduction to Clinical Medicine (see *Student Handbook* for details).

##### Promotion Period III

Evaluation will be reflective of the objectives of an individual unit.

The student must complete all units in Introduction to Clinical Medicine successfully in order to be promoted to the Core Clerkships (see *Student Handbook* for details).

##### Promotion Period IV

Evaluation will be reflective of the objectives of an individual Clerkship Rotation.

The students' performance in each Clerkship or Elective will be assessed by clinical supervisors and written/oral/OCSE exams.

The student must complete all units in Core Clerkship successfully in order to be promoted to Senior Clerkship (see *Student Handbook* for details).

##### Promotion Period V

Evaluation will be reflective of the objectives of an individual Clerkship Rotation.

The students' performance in each Clerkship or Elective will be assessed by clinical supervisors and written/oral/ OCSE exams.

Students must complete Physicianship 4 and those seminar courses in which they have enrolled. The student must complete all units in Senior Clerkship successfully in order to graduate (see *Student Handbook* for details).

**Success on a final exit exam (one of either the Medical Council of Canada Qualifying Exam Part 1 (MCC), the United States Medical Licensing Exam 2 CK (USMLE), or an in house examination) is required for graduation beginning with the class of 2009.**

#### Failure of Supplemental Examinations or Remedial Rotations

A failure in a supplemental examination or remedial rotation in Promotion Periods I, II, III, IV, and V will result in the student being required to repeat the Promotion Period or to be dismissed from the program as determined by the CSPCO. A failure on a remedial in Promotion Period IV will result in dismissal from the program. A student may not repeat more than one Promotion Period in the curriculum. **Failure in any unit/course during a repeat Promotion Period will result in immediate dismissal from the program.**

The results of all supplemental examinations and the evaluation result of remedial clinical rotations will be recorded in the official transcripts as supplemental examinations, and will be considered as such for purposes of promotion.

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



## 6.4.5 Curriculum Components and Units

Due to curriculum changes, curriculum components and units may be revised. Revisions will be posted on the Undergraduate Medicine Education Website, [www.medicine.mcgill.ca/ugme](http://www.medicine.mcgill.ca/ugme).

### 6.4.5.1 Basis of Medicine (BOM)

#### UNIT 1 –

**INDS 101 MOLECULES, CELLS AND TISSUES.** (6) This unit will examine the biosynthesis and assembly of macro-molecules with emphasis on cell and tissue organization and function. The structure and organization of the skin, nerves and the embryo will be surveyed in detail and used as model systems to study the major biochemical, physiological, genetic and molecular principles of cells.

#### UNIT 2–

**INDS 103 GAS, FLUID AND ELECTROLYTES.** (14) This unit will discuss the embryological development, gross anatomy, histology and physiology of the cardiovascular, respiratory and renal systems. The biochemistry of lipids and proteins and the anatomy and physiology of the autonomic nervous system will also be covered.

#### UNIT 3 –

**INDS 105 LIFE CYCLE.** (4) This unit is designed as an introduction to the basic science that will enable the student to understand human reproduction. The embryology, histology, and anatomy of the reproductive tract will be covered. Human development from genetics, to embryo, to parturition, will be explored and how this knowledge can be applied to clinical medicine in resolving problems of infertility, fetal and maternal morbidity, and menopause.

#### UNIT 4 –

**INDS 104 ENDOCRINOLOGY, METABOLISM AND NUTRITION.** (11) This unit provides an overview of the gross and microscopic structure of the gastrointestinal tract and its accessory organs, along with a grounding in the principles of nutrition and digestion. Emphasis is also placed on those aspects of system and molecular endocrinology which regulate and integrate various metabolic activities.

#### UNIT 5 –

**INDS 102 MUSCULOSKELETAL AND BLOOD.** (6) The objectives of this unit are to study the structure and function of the components of the musculoskeletal and blood systems. The interaction of the structure and function will be examined. The embryology, macroscopic and microscopic anatomy as well as molecular structure and function relating to the musculoskeletal and blood systems will be discussed. Lectures, laboratory sessions, small group seminars as well as audio-visual presentations, multi-discipline clinically applied sessions, computer assisted instruction and independent self-directed learning will be utilized to achieve these goals.

#### UNIT 6 –

**INDS 106 NERVOUS SYSTEM AND SPECIAL SENSES.** (12) The content of this unit includes the anatomy of the head and neck and anatomical, physiological, biochemical and behavioural aspects of the organization of the nervous system and special senses. The material is presented in an integrated series of lectures and laboratory classes combined with small group clinical problem sessions designed to illustrate the clinical relevance of the material.

#### UNIT 7 –

**INDS 207 HOST DEFENSE AND HOST/PARASITE.** (12) Infectious diseases arise from dynamic interactions between humans and microorganisms. Using lectures, case-oriented small groups, laboratory sessions, and independent learning, an integrated overview of the basic microbiology of organisms, our immune defenses and how they may be subverted, and approaches to the prevention and control of infection will be provided.

#### UNIT 8 –

**INDS 208 PATHOBIOLOGY TREATMENT & PREVENTION OF DISEASE.** (20) This unit covers the scientific basis of the diagnosis, prevention and drug therapy of selected diseases. The organ/system approach examining pathogenesis, pathology and pathophysiology, and pharmacological principles of treatment of diseases in the individual is integrated with the epidemiology and genetics in the population.

**INDS 120J1 PHYSICIANSHIP 1.** (1) (Restrictions: M.D.,C.M. and D.D.M. students only.) (Students must also register for INDS 120J2 and INDS 120J3) (No credit will be given for this course unless INDS 120J1, INDS 120J2 and INDS 120J3 are all successfully completed in consecutive terms) The following themes will be introduced: the physician as professional and healer, building the physician/patient alliance, the clinical method. Specific topics that will be covered include: observation skills, skillful listening, life cycle, content of the medical interview, issues in death and dying, and methodology for ethical decision-making.

**INDS 120J2 PHYSICIANSHIP 1.** (1) (Prerequisite: INDS 120J1) (Students must also register for INDS 120J3) (No credit will be given for this course unless INDS 120J1, INDS 120J2 and INDS 120J3 are all successfully completed in consecutive terms) See INDS 120J1 for course description.

**INDS 120J3 PHYSICIANSHIP 1.** (1) (Prerequisite: INDS 120J2) (No credit will be given for this course unless INDS 120J1, INDS 120J2 and INDS 120J3 are all successfully completed in consecutive terms) See INDS 120J1 for course description.

**INDS 122J1 PHYSICIAN APPRENTICESHIP 1.** (0.667) (Restrictions: M.D.,C.M. and D.D.M. students only.) (Students must also register for INDS 122J2 and INDS 122J3) (No credit will be given for this course unless INDS 122J1, INDS 122J2 and INDS 122J3 are all successfully completed in consecutive terms) This course will guide and mentor students in their transition from laymanship to physicianship. It will promote professionalism, the healing role of the physician, a patient-centered approach and self-reflection.

**INDS 122J2 PHYSICIAN APPRENTICESHIP 1.** (0.667) (Prerequisite: INDS 122J1) (Students must also register for INDS 122J3) (No credit will be given for this course unless INDS 122J1, INDS 122J2 and INDS 122J3 are all successfully completed in consecutive terms) See INDS 122J1 for course description.

**INDS 122J3 PHYSICIAN APPRENTICESHIP 1.** (0.666) (Prerequisite: INDS 122J2) (No credit will be given for this course unless INDS 122J1, INDS 122J2 and INDS 122J3 are all successfully completed in consecutive terms) See INDS 122J1 for course description.

**INDS 220 PHYSICIANSHIP 2.** (1) This course continues the introduction of the Physicianship program to the M.D.,C.M. curriculum.

**INDS 222 PHYSICIAN APPRENTICESHIP 2.** (1.5) (Restriction: M.D.,C.M. and D.D.M. students only.) This course continues to build on Physician Apprenticeship 1, guiding and mentoring students as they continue their transition to physicianship.

**INDS 222J1 PHYSICIAN APPRENTICESHIP 2.** (0.5) (Restriction: M.D.,C.M. and D.D.M. students only.) (Students must also register for INDS 222J2 and INDS 222J3.) (No credit will be given for this course unless INDS 222J1, INDS 222J2 and INDS 222J3 are all successfully completed in consecutive terms.) This course continues to build on Physician Apprenticeship 1, guiding and mentoring students as they continue their transition to physicianship.

**INDS 222J2 PHYSICIAN APPRENTICESHIP 2.** (0.5) (Prerequisite: INDS 222J1.) (Students must also register for INDS 222J3.) (No credit will be given for this course unless INDS 222J1, INDS 222J2 and INDS 222J3 are all successfully completed in consecutive terms.) See INDS 222J1 for course description.

**INDS 222J3 PHYSICIAN APPRENTICESHIP 2.** (0.5) (Prerequisite: INDS 222J2.) (Students must also register for INDS 222J1.) (No credit will be given for this course unless INDS 222J1, INDS 222J2 and INDS 222J3 are all successfully completed in consecutive terms.) See INDS 222J1 for course description.

### 6.4.5.2 Introduction to Clinical Medicine (ICM)

The second year component consists of Introduction to Clinical Science, Medical Ethics & Health Law, Introduction to Evidence Based Medicine, Introduction to Medicine, Pediatrics, Surgery, Anesthesia, Ophthalmology, Family Medicine, Radiology, Neurology, Oncology, Dermatology, Psychiatry, clinical rotations and Physician Apprentice 2.

**INDS 301 INTRODUCTION TO CLINICAL SCIENCES.** (2) This course will teach all parts of history taking and physical examination in an objective and structured fashion. The course will be taught in small groups with one or two group leaders who will take the students through the principles of history taking and physical examination in a prearranged and structured mode. In the second and third week of the course, the students are asked to hone their skills by doing one written case report and physical examinations on patients from the ward. In the latter two weeks of the course, the students continue to refine their skills in groups, at the bedside, with their tutor.

**INDS 302 MEDICAL ETHICS AND HEALTH LAW - ICM.** (1) The objectives of this course are to familiarize students with the basic ethical and legal issues and problems arising in clinical medicine and to develop the skills needed to identify and resolve ethical dilemmas. Emphasis is placed on the following subjects: informed consent, risk disclosure, patient competence, confidentiality, research ethics, discontinuing life support, physician impairment, and ethics in the team context.

**INDS 306 INTRODUCTION TO EVIDENCE BASED MEDICINE.** (1) This course will reinforce the skills required for critical appraisal of the medical literature, introduce meta-analyses and systematic reviews and present the core principles of evidence based medicine. Students will learn how to identify and search key EBM databases such as EBM Reviews, Cochrane Library and other web-based resources.

**Note:** These three courses (above) are taught in a four-week unit called Professional Skills.

**IMED 301 MEDICINE - ICM.** (7) In this ten-week multi-disciplinary course, the student has the opportunity to build further on the clinical skills developed in the course on ICM-A. The students perform full history and physical examinations on assigned patients, write up the cases (including a discussion of the clinical - basic science correlations), and present the case orally to their tutors. Through bedside teaching sessions in small groups, they develop clinical skills. Seminars give an approach to the diagnosis of common problems in Internal Medicine.

**PAED 301 PEDIATRICS - ICM.** (1) Provides the students with a data base in pediatrics in order for them to approach the clerkship with some basic understanding of pediatric problems. The course will cover aspects of growth, perinatology, morbidity-mortality in Pediatrics, nutrition, fluid balance, infections of many systems, and neurologic and psychologic development. The course will consist of didactic teaching and small group tutorials where problems related to lecture content are discussed.

### Introduction to Surgery (SURG 301), Anesthesia (ANAE 301), and Ophthalmology (OPHTH 300)

This 7-week unit will provide an introduction to surgery and related disciplines. The teaching occurs generally in small group settings or one-on-one with a clinical supervisor. It takes place in the in-patient hospital setting.

For course descriptions, refer to the appropriate unit in [section 6.5 "Departments and Units in the Faculty of Medicine"](#).

### Introduction to Neurology (NEUR 301), Oncology (INDS 307), and Radiology (RADD 301), Dermatology (IMED 302), Psychiatry (PSYT 302) and Family Medicine (FMED 301) - ICM

This 7-week unit includes 2-week rotations in each of neurology and oncology as well as rotations in radiology and family medicine. The neurology experience is in hospital settings. The oncology experience is entirely based in ambulatory settings involving clinics in medical, surgical, pediatric and radiation oncology.

For course descriptions, refer to the appropriate unit in [section 6.5 "Departments and Units in the Faculty of Medicine"](#).

### 6.4.5.3 Core Clerkship

#### As of admission 2005

The 48-week period of Core Clerkship includes instruction in all the following disciplines: Internal Medicine (IMED 401), General Surgery (SURG 402), Family Medicine (FMED 405), Obstetrics and Gynecology (OBYG 401) Psychiatry (PSYT 401), Paediatrics (PAED 401), Physicianship Apprenticeship 3 (INDS 322J1,2,3) and Physicianship 3 (INDS 320J1,2,3). There is also one 4-week elective (Elec. 400).

**INDS 305 INTRODUCTION TO CLERKSHIPS.** (1) The role of the clerk on the medical team, writing orders, ordering and interpreting laboratory tests and conduct with patients and other health professionals.

**INDS 320J1 PHYSICIANSHIP 3.** (0.166) Recognizing and alleviating suffering; promoting healing; understanding the centrality of the doctor-patient relationship.

**INDS 320J2 PHYSICIANSHIP 3.** (0.166) Recognizing and alleviating suffering; promoting healing; understanding the centrality of the doctor-patient relationship.

**INDS 320J3 PHYSICIANSHIP 3.** (0.166) Recognizing and alleviating suffering; promoting healing; understanding the centrality of the doctor-patient relationship.

**INDS 322J1 PHYSICIAN APPRENTICESHIP 3.** (0.5) (Prerequisite: INDS 222.) (Restriction: M.D.,C.M. students only.) (Students must also register for INDS 322J2 and INDS 322J3.) (No credit will be given for this course unless INDS 322J1, INDS 322J2 and INDS 322J3 are all successfully completed in consecutive terms.) This course continues to build on Physician Apprenticeship 1 and 2, guiding and mentoring students as they continue their transition to physicians.

**INDS 322J2 PHYSICIAN APPRENTICESHIP 3.** (0.5) (Prerequisite: INDS 322J1) (Students must also register for INDS 322J3) (No credit will be given for this course unless INDS 322J1, INDS 322J2 and INDS 322J3 are all successfully completed in consecutive terms.) This course continues to build on Physician Apprenticeship 1 and 2, guiding and mentoring students as they continue their transition to physicians.

**INDS 322J3 PHYSICIAN APPRENTICESHIP 3.** (0.5) (Prerequisite: INDS 322J2) (No credit will be given for this course unless INDS 322J1, INDS 322J2 and INDS 322J3 are all successfully completed in consecutive terms.) This course continues to build on Physician Apprenticeship 1 and 2, guiding and mentoring students as they continue their transition to physicians.

### 6.4.5.4 Senior Clerkships

#### As of admission 2005

The 4th year contains three required clinical senior clerkships, Emergency Medicine (INDS 304), Geriatric Medicine (IMED 406), Surgery Sub-Specialty (SURG 403), and Physicianship (formerly Medicine & Society) and an opportunity for either clinical electives, research or basic science courses (INDS 405, INDS 407) and, beginning with admissions 2005, Physician Apprenticeship 4 sessions.

**INDS 304 EMERGENCY MEDICINE - SENIOR CLERKSHIPS.** (4) Principles of emergency medicine.

**IMED 406 GERIATRIC MEDICINE - SENIOR CLERKSHIPS.** (4) (Restriction: Good standing in M.D.,C.M. Program.) Orientation of students towards continuity of care for frail elderly patients, including training in geriatric consultations on wards and Emergency Room; patient assessments in a clinical setting; patient follow-ups in the community.

**SURG 403 SURGERY SUB-SPECIALTY - SENIOR CLERKSHIPS.** (4) (Prerequisite: SURG 401.) (Restriction: Good standing in M.D.,C.M. Program.) Principles of a surgery sub-specialty.

**INDS 420 PHYSICIANSHIP 4.** (4) (Prerequisite: INDS 320.) (Restrictions: M.D.,C.M. students only.) Social dimensions of medical judgment; social contract; organization of health services emphasizing preventative interventions, advanced topics including giving bad news, clinical thinking, cross-cultural communication, and boundary issues.

**INDS 422D1 (0.25), INDS 422D2 (0.25) PHYSICIAN APPRENTICESHIP 4.** (Prerequisite: INDS 322) (Restriction: M.D.,C.M. students only) This course is the last in a series of four consolidating the skills and attitudes expected of the professional healer.

**ELEC 401 ELECTIVE 2 - CLERKSHIPS.** (3) (Restriction: Good standing in M.D.,C.M. Program.) Four (4) week clinical rotations.

**ELEC 402 ELECTIVE 2 - SENIOR CLERKSHIPS.** (3) (Restriction: Good standing in M.D.,C.M. Program.) Four (4) week clinical rotations.

**ELEC 403 ELECTIVE 3 - SENIOR CLERKSHIPS.** (3) (Prerequisite: ELEC 400.) (Restriction: Good standing in M.D.,C.M. Program.) Four (4) week clinical rotations.

**ELEC 404 ELECTIVE 4 - SENIOR CLERKSHIPS.** (3) (Prerequisite: ELEC 400.) (Restriction: Good standing in M.D.,C.M. Program.) Four (4) week clinical rotations.

**ELEC 405 ELECTIVE 5 - SENIOR CLERKSHIPS.** (3) (Prerequisite: ELEC 400.) (Restriction: Good standing in M.D.,C.M. Program.) Four (4) week clinical rotations.

**INDS 405 TOPICS IN MEDICAL SCIENCE 1.** (3) (Restriction: Not open to students who have taken INDS 405 (8 cr.) prior to 200801.) A seminar series that will focus on topics having particular relevance to current clinical practice. The seminars will present an in-depth review of areas where there has been recent scientific development. These will be presented to students as options; from which they will be able to select two different topics.

**INDS 407 TOPICS IN MEDICAL SCIENCE 2.** (3) (Restriction: Not open to students who have taken INDS 405 (8 cr.) prior to 200801.) Optional second sequence of seminar series that will focus on topics having particular relevance to current clinical practice. The seminars will present an in-depth review of areas where there has been recent scientific development. These will be presented to students as options; from which they will be able to select two different topics.

#### 6.4.5.5 Electives

Electives are offered during Core Clerkship and Senior Clerkships by the following Departments: Anatomy, Anesthesia, Biomedical Engineering, Dermatology, Emergency Medicine, Epidemiology and Biostatistics, Family Medicine, Geriatrics, Humanities and Social Studies of Medicine, Laboratory Medicine, Medical Education, Medical Genetics, Medical Informatics, Medicine, Neurology, Nutrition, Obstetrics and Gynecology, Ophthalmology, Parasitology, Paediatrics, Pharmacology and Therapeutics, Physical Medicine and Rehabilitation, Physiology, Psychiatry, Diagnostic Radiology, Radiation Oncology, Sports Medicine and Surgery.

Details are published in the "Elective Program" section of the UGME Website. Further information may be obtained from the Coordinator (Elective Program), Faculty of Medicine.

**ELEC 300 ELECTIVE - ICM.** (4)

**ELEC 400 ELECTIVE 1 - CLERKSHIPS.** (4)

**ELEC 401 ELECTIVE 2 - CLERKSHIPS.** (3) (Restriction: Good standing in M.D.,C.M. Program.) Four (4) week clinical rotations.

**ELEC 402 ELECTIVE 2 - SENIOR CLERKSHIPS.** (3) (Restriction: Good standing in M.D.,C.M. Program.) Four (4) week clinical rotations.

**ELEC 403 ELECTIVE 3 - SENIOR CLERKSHIPS.** (3) (Prerequisite: ELEC 400.) (Restriction: Good standing in M.D.,C.M. Program.) Four (4) week clinical rotations.

**ELEC 404 ELECTIVE 4 - SENIOR CLERKSHIPS.** (3) (Prerequisite: ELEC 400.) (Restriction: Good standing in M.D.,C.M. Program.) Four (4) week clinical rotations.

**ELEC 405 ELECTIVE 5 - SENIOR CLERKSHIPS.** (3) (Prerequisite: ELEC 400.) (Restriction: Good standing in M.D.,C.M. Program.) Four (4) week clinical rotations.

## 6.5 Departments and Units in the Faculty of Medicine

### 6.5.1 Anatomy and Cell Biology

#### Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Senior Clerkship Components.

#### Anatomy for Surgeons

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

#### Other Courses

The Department offers a range of courses leading to the Faculty Program/Major/Honours B.Sc. in Cell Biology and is well equipped for graduate research leading to the M.Sc. and Ph.D. degrees.

See the *Graduate and Postdoctoral Studies Calendar* and the Faculty of Science section of the *Undergraduate Programs Calendar*.

### 6.5.2 Anesthesia

**ANAE 301 ANESTHESIA - ICM.** (1) A one-week core rotation is required of all students. Students are given supervised experience in the basics or A-B-Cs of resuscitation. They are expected to participate in preoperative, intraoperative and postoperative anesthesia care. Clinical applications of pharmacology and physiology are demonstrated.

#### Electives

Electives are offered to students during their Clerkship year. The objectives are to involve students in aspects of anesthesia care commonly encountered in the operating room, recovery ward and intensive care unit. These include fluid and transfusion therapy, management of acute pain relief, regional and general anesthesia techniques. The elective permits students to administer general anesthesia under strict supervision and to become involved in preoperative and postoperative patient care. Specialised electives in pediatric and obstetric anesthesia, clinical research and other subspecialties can be individually arranged.

### 6.5.3 Biochemistry

#### Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Senior Clerkship Components. In addition, see the Elective Program for elective opportunities.

#### Other Courses

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

## 6.5.4 Biomedical Engineering

### Graduate Courses

The Department of Biomedical Engineering provides instruction and opportunities for interdisciplinary research in the application of engineering, mathematics and the physical sciences to problems in medicine and the life sciences. Courses are offered for graduate students in the life sciences, and in engineering and the physical sciences leading to the Master's (M.Eng.) and Ph.D in Biomedical Engineering. See the *Graduate and Postdoctoral Studies Calendar*.

## 6.5.5 Dermatology

### Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Senior Clerkship Components. In addition, see the Elective Program for elective opportunities.

**IMED 302 DERMATOLOGY - ICM.** (0.5) Principles of the Introduction to Dermatology.

The students will attend dermatology lectures and 2 half day dermatology clinics.

## 6.5.6 Diagnostic Radiology

### Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Introduction to Clinical Medicine. In addition, see the Elective Program for elective opportunities.

**RADD 301 RADIOLOGY - ICM.** (1) This course follows the normal radiological anatomy covered in the Basis of Medicine. It is a one-week rotation that includes a practical approach to common clinical problems. The students will spend time in all the MUHC hospital radiology departments and will be exposed to common pathologies of the chest, abdomen, musculoskeletal, neurologic and pediatric subspecialties.

## 6.5.7 Emergency Medicine

**INDS 304 EMERGENCY MEDICINE - SENIOR CLERKSHIPS.** (4) Principles of emergency medicine.

4-week clinical rotation

## 6.5.8 Epidemiology, Biostatistics, and Occupational Health

### Core Medical Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine, Introduction to Medicine, and Senior Clerkship Components. In addition, see the Elective Program for elective opportunities in epidemiology and community health.

### Introduction to Epidemiology and Biostatistics

(Part of Basis of Medicine - Unit 8)

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.

### Public Health and Preventive Medicine

**INDS 420 PHYSICIANSHIP 4.** (4) (Prerequisite: INDS 320.) (Restrictions: M.D.,C.M. students only.) Social dimensions of medical judgment; social contract; organization of health services emphasizing preventative interventions, advanced topics including giving

bad news, clinical thinking, cross-cultural communication, and boundary issues.

This is a short intensive course which consolidates knowledge, attitudes and skills related to public health and clinical preventive medicine. Lectures examine public health issues in prevention and health protection and promotion, including health system organization, community diagnosis, urban health, social inequalities in health, as well as implementing preventive medical services in clinical practice. Through specific case studies in small group tutorials, students gain the skills necessary to identify public health problems and collaborate with public health authorities in controlling threats to the public health.

**INDS 306 INTRODUCTION TO EVIDENCE BASED MEDICINE.** (1) This course will reinforce the skills required for critical appraisal of the medical literature, introduce meta-analyses and systematic reviews and present the core principles of evidence based medicine. Students will learn how to identify and search key EBM databases such as EBM Reviews, Cochrane Library and other web-based resources.

### Graduate Courses in Epidemiology, Biostatistics and Occupational Health

The graduate program in **Epidemiology and Biostatistics** has four graduate programs: Diploma, Master's (non-thesis), Master's (thesis) and the Ph.D. See the *Graduate and Postdoctoral Studies Calendar* for description of courses and programs.

The graduate program in **Occupational Health** offers a multidisciplinary approach to problems of occupational health and safety. It offers two graduate degrees: a Ph.D. and a Master of Science, Applied in occupational health sciences. See the *Graduate and Postdoctoral Studies Calendar* for description of courses and programs.

## 6.5.9 Family Medicine

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine, Introduction to Clinical Medicine, and Clerkship. In addition, see the Elective Program for elective opportunities.

**FMED 301 FAMILY MEDICINE - ICM.** (1) (Restriction: Good standing in the M.D.,C.M. Program.) Introduction to the principles of family medicine and patient-centered care, to the role of the family physician in our health care system, and to the diagnosis and management of common medical problems seen in an office setting.

Please refer to our Website: [www.medicine.mcgill.ca/familymed/undergrad.htm](http://www.medicine.mcgill.ca/familymed/undergrad.htm).

**FMED 405 FAMILY MEDICINE - CORE CLERKSHIPS.** (8) (Restriction: Must be in good standing in M.D.,C.M. program.) Principles of family medicine in a rural and/or urban clinical setting.

This 8-week core rotation provides an opportunity for the student to become acquainted with the discipline of family medicine. During this rotation, the student is expected to learn the principles of family medicine while working in an ambulatory care setting. The student will join a primary care team and will participate in clinical decision-making and management.

The clerkship may be done in the following ways:

1. A 4-week rotation in a McGill-affiliated Urban Family Medicine Centre. This may be a hospital or CLSC family medicine unit or an urban special family medicine 4-week rotation.
2. A 4-week rotation must be spent in a rural site. This site can be a McGill-affiliated site or a special site. The Ministry of Health and Social Affairs funds travel and lodging costs for students.
3. It is possible for a few students to request special 4-week or 8-week family medicine clerkship experience outside of Montreal or in a remote area teaching program not affiliated with McGill. Special requests must be submitted to the family medicine course coordinator three months prior to the rotation.



### 6.5.10 Geriatric Medicine

#### Senior Clerkship

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

#### IMED 406 GERIATRIC MEDICINE - SENIOR CLERKSHIPS. (4)

(Restriction: Good standing in M.D.,C.M. Program.) Orientation of students towards continuity of care for frail elderly patients, including training in geriatric consultations on wards and Emergency Room; patient assessments in a clinical setting; patient follow-ups in the community.

For more information please visit the following Website:

[www.med.mcgill.ca/geriatrics/education](http://www.med.mcgill.ca/geriatrics/education)

### 6.5.11 Human Genetics

#### Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Senior Clerkship. In addition, see the Elective Program for elective opportunities.

#### Graduate Courses

M.Sc. in Genetic Counselling (non-thesis); M.Sc. and Ph.D. (with thesis). See the *Graduate and Postdoctoral Studies Calendar*.

### 6.5.12 Medical Physics Unit

#### Graduate Program

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

The research interests of members of the Unit include various aspects of medical imaging, including 3D imaging, the development of new imaging modalities, and applications of imaging in radiation therapy; radiation dosimetry, especially solid state, electron and NMR systems; nuclear cardiology; and applications of radiation biology to therapy.

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

### 6.5.13 Medicine

#### Core Courses

This Department contributes to all curriculum components of Introduction to Clinical Medicine, Core Clerkship. In addition, see the Elective Program for elective opportunities.

**INDS 301 INTRODUCTION TO CLINICAL SCIENCES. (2)** This course will teach all parts of history taking and physical examination in an objective and structured fashion. The course will be taught in small groups with one or two group leaders who will take the students through the principles of history taking and physical examination in a prearranged and structured mode. In the second and third week of the course, the students are asked to hone their skills by doing one written case report and physical examinations on patients from the ward. In the latter two weeks of the course, the students continue to refine their skills in groups, at the bedside, with their tutor.

At the end of this course, students will be able to demonstrate the basic skills of physical examination on a peer or on selected real patients. Students will be able to produce a written case report

combining information from both a complete history and a complete physical examination of a real patient. Examination of the rectum, breast and genitalia is not covered in this course.

The course is taught over 4 weeks in small groups with one or two group leaders, both in a classroom and at the bedside with real patients

**INDS 302 MEDICAL ETHICS AND HEALTH LAW - ICM. (1)** The objectives of this course are to familiarize students with the basic ethical and legal issues and problems arising in clinical medicine and to develop the skills needed to identify and resolve ethical dilemmas. Emphasis is placed on the following subjects: informed consent, risk disclosure, patient competence, confidentiality, research ethics, discontinuing life support, physician impairment, and ethics in the team context.

**IMED 301 MEDICINE - ICM. (7)** In this ten-week multi-disciplinary course, the student has the opportunity to build further on the clinical skills developed in the course on ICM-A. The students perform full history and physical examinations on assigned patients, write up the cases (including a discussion of the clinical - basic science correlations), and present the case orally to their tutors. Through bedside teaching sessions in small groups, they develop clinical skills. Seminars give an approach to the diagnosis of common problems in Internal Medicine.

#### PRACTICE OF MEDICINE (CLERKSHIP)

**IMED 401 MEDICINE - CLERKSHIPS. (8)** This course consists of an eight week clinical rotation in General Medicine.

#### Experimental Medicine

See the *Graduate and Postdoctoral Studies Calendar*.

### 6.5.14 Microbiology and Immunology

#### Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Senior Clerkship.

#### Other Courses

The Department offers a range of courses leading to the Honours B.Sc. in Microbiology and is well-equipped for graduate research leading to the M.Sc., M.Sc.A. and Ph.D. degrees. See the *Graduate and Postdoctoral Studies Calendar* and the Faculty of Science section of the *Undergraduate Programs Calendar*.

### 6.5.15 Neurology and Neurosurgery

#### Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Introduction to Clinical Medicine.

**NEUR 301 NEUROLOGY - ICM. (2)** The course's objectives will be to have the student develop the skills to acquire and record a detailed neurological history; perform a complete, orderly and accurate neurological examination, develop a clinical problem-solving approach, i.e. to correlate neurological symptoms and deficits with neuroanatomy and disease processes. The student will also accumulate factual knowledge about neurological diseases, develop awareness of special procedures in neurology and foster positive attitudes towards independent learning.

#### Graduate Courses

See the *Graduate and Postdoctoral Studies Calendar*.

### 6.5.16 Obstetrics and Gynecology

#### Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Introduction to Clinical Medicine. In addition, see the Elective Program for elective opportunities.

**INDS 305 INTRODUCTION TO CLERKSHIPS. (1)** The role of the clerk on the medical team, writing orders, ordering and interpreting



laboratory tests and conduct with patients and other health professionals.

(OB & GYN sessions)

### **PRACTICE OF MEDICINE (CLERKSHIP)**

**OBGY 401 OBSTETRICS/GYNECOLOGY - CLERKSHIPS.** (8) As part of the core curriculum in Med III, students will spend an eight-week clerkship on a clinical teaching unit in one of the five centres within the McGill teaching hospital system. This clerkship is designed to enlarge and enrich the basic experience of Med I and Med II. Under supervision, students play an integral role in the management of patients and become a recognized part of the resident-intern-medical student team.

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#### **6.5.17 Oncology**

##### **Core Courses**

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Introduction to Clinical Medicine. In addition, see the Elective Program for elective opportunities.

**INDS 307 PRINCIPLES OF ONCOLOGY.** (2) Students will be introduced to the basic principles of surgical, medical and radiation oncology. Objectives are to know cancer risks, clinical presentations, cancer therapy; cancer prevention, cancer screening, genetic counselling; to interpret imaging and pathological data; to manage in a multidisciplinary approach.

During the whole class teaching, the students are exposed to evidence-based guidelines in cancer epidemiology, cancer prevention and screening for major cancer sites, namely: breast, genitourinary, colorectal and lung.

During their clinical rotations, the students are introduced to the basic principles of surgical, medical, pediatrics and radiation oncology. Objectives are to know cancer risks, clinical presentations, principles of cancer therapy; cancer prevention, cancer screening, genetic counseling and to interpret imaging and pathological data.

Students are also exposed to the principles of pain management and have one session on communication skills.

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#### **6.5.18 Ophthalmology**

##### **Core Courses**

**OPHTH 300 OPHTHALMOLOGY - ICM.** (1) This course will teach the basics of the eye exam (ophthalmoscope, visual acuity and slit lamp). It will focus on the following topics: acute and chronic visual loss, trauma to the eye, the red eye and eye manifestations of systemic diseases (e.g. hypertension, diabetes).

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.

Four-week electives are offered to ICM or 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.

Please note electives are not offered in July and August.

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#### **6.5.19 Otolaryngology**

##### **Core Courses**

**INDS 301 INTRODUCTION TO CLINICAL SCIENCES.** (2) This course will teach all parts of history taking and physical examination in an objective and structured fashion. The course will be taught in small groups with one or two group leaders who will take the students through the principles of history taking and physical examination in a prearranged and structured mode. In the second and third week of the course, the students are asked to hone their skills by doing

one written case report and physical examinations on patients from the ward. In the latter two weeks of the course, the students continue to refine their skills in groups, at the bedside, with their tutor.

The Department of Otolaryngology is a contributor to this course, providing instruction in otolaryngological history-taking and methods of physical examination.

Electives are available for students at the four affiliated teaching hospitals.

The Department's clinics are also used extensively in the 2<sup>nd</sup> & 4<sup>th</sup> year experiences.

##### **Graduate Courses**

See the *Graduate and Postdoctoral Studies Calendar*.

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#### **6.5.20 Pathology**

##### **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 units of the curriculum. Thus, the Department of Pathology contributes to multidisciplinary Units 7 and 8, as outlined in BOM, as well as to seminar options following the clerkship rotations.

##### **COURSE IN APPLIED PATHOLOGY**

Weekly clinico-pathological conferences are offered in conjunction with the Medicine rotation.

##### **Electives**

The Department provides four-week electives for medical students after completion of Unit 8 of the Basis of Medicine. These are available at the Royal Victoria Hospital, Montreal General Hospital, Jewish General Hospital, St. Mary's Hospital and the Montreal Children's Hospital. Please contact Mrs. Hoffmann, Teaching Office, Duff Medical Building, (514) 398-7192 x00481.

##### **Other Courses**

The Department is well-equipped for graduate research leading to the M.Sc. and Ph.D. degrees and offers several graduate-level courses. See the *Graduate and Postdoctoral Studies Calendar* and the Faculty of Science section of the *Undergraduate Programs Calendar*.

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#### **6.5.21 Pediatrics**

##### **Core Courses**

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Introduction to Clinical Medicine. In addition, see the Elective Program for elective opportunities.

**PAED 301 PEDIATRICS - ICM.** (1) Provides the students with a data base in pediatrics in order for them to approach the clerkship with some basic understanding of pediatric problems. The course will cover aspects of growth, perinatology, morbidity-mortality in Pediatrics, nutrition, fluid balance, infections of many systems, and neurologic and psychologic development. The course will consist of didactic teaching and small group tutorials where problems related to lecture content are discussed.

##### **CLERKSHIP**

**PAED 401 PEDIATRICS - CLERKSHIPS.** (8) Clerkship in Pediatrics as a member of a clinical service provides the opportunity for experience in the management of pediatric problems under supervision. The clerkship includes ward and ambulatory rotations at the Montreal Children's Hospital and newborn experience at either the Jewish General Hospital or the Royal Victoria Hospital. The clerks participate in a series of core-material conferences in addition to the regularly scheduled educational program of the hospital.

### 6.5.22 Pharmacology and Therapeutics

#### Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine, Introduction to Clinical Medicine and Senior Clerkship (BTB Class of 2007).

#### Other Courses

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

### 6.5.23 Physiology

#### Core Courses

This Department contributes to the multidisciplinary curriculum components of Basis of Medicine and Senior Clerkship.

#### Other Courses

The Department offers a range of courses at introductory, intermediate and advanced levels. These are part of undergraduate Faculty, Majors and Honours programs, leading to a B.Sc. in Physiology, as well as the Major Programs in Physiology and Physics, and Physiology and Mathematics, and the Interdepartmental Honours Immunology Program. In addition, the Department is involved in the teaching and administration of the Major Concentration in Biomedical Sciences option of the B.A. & Sc. degree. A number of graduate level courses are also offered. The Department is well equipped for graduate research leading to the M.Sc. and Ph.D. degrees, and is a participant in McGill's M.D./Ph.D. Program. See the *Graduate and Postdoctoral Studies Calendar* and the Faculty of Science section of the *Undergraduate Programs Calendar*.

### 6.5.24 Psychiatry

#### Core Courses

This Department contributes to all curriculum components.

**PSYT 302 PSYCHIATRY - ICM.** (0.5) Principles of the introductions to Psychiatry. Will provide students with the basic components of clinical psychiatry.

**INDS 305 INTRODUCTION TO CLERKSHIPS.** (1) The role of the clerk on the medical team, writing orders, ordering and interpreting laboratory tests and conduct with patients and other health professionals.

**PSYT 401 PSYCHIATRY - CLERKSHIPS.** (8) Eight-week block training to acquaint all students (Core program) with the examination of patients and understanding of some of the major factors involved in abnormal behaviour. Diagnostic procedures, psychotherapeutic and physical methods of treatment will be among the aspects covered. Students will be provided with tutors on an individual and group basis and will also have an opportunity to become conversant with certain more specialized areas of the field of psychiatry. An attempt will be made to provide a comprehensive exposure to current theoretical models and treatment approaches in psychiatry, to indicate the relevance of certain concepts and attitudes to non-psychiatric medical practice, and to supply well-supervised clinical experience which is patient-oriented and responsibility-centered.

#### Graduate Courses

For information regarding courses leading to the M.Sc. degree in Psychiatry, see the *Graduate and Postdoctoral Studies Calendar*.

### 6.5.25 Social Studies of Medicine

**INDS 420 PHYSICIANSHIP 4.** (4) (Prerequisite: INDS 320.) (Restrictions: M.D.,C.M. students only.) Social dimensions of medical judgment; social contract; organization of health services emphasizing preventative interventions, advanced topics including giving bad news, clinical thinking, cross-cultural communication, and boundary issues.

#### Core Courses

This Department contributes to the following courses: Physicianship 4 replacing Medicine & Society in the Senior Clerkship of the medical curriculum (INDS 406).

#### Electives

The Department offers a wide range of electives in aspects of the social sciences and humanities as they relate to medicine. For details see the Electives Catalogue.

#### Graduate Program

Through the Department, graduate students can obtain an M.A. in the History of Medicine, an M.A. in Medical Anthropology and an 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 Department for further information.

### 6.5.26 Surgery

#### Core Courses

This Department contributes to all curriculum components.

**SURG 301 SURGERY - ICM.** (4) The main objectives for this five-week rotation are to develop the history taking and physical examination skills necessary to collect information and make the diagnosis of the patient. The student also learns the pathophysiology of surgical conditions. These objectives help prepare the student for clerkship in the senior years where the issues of patient workup and management are covered. The ICM-C Surgery rotation involves being assigned to a surgical service and tutor, seeing patients in the preoperative and peroperative period and following the patient postoperatively. The student will workup two patients per week on the ward and in the ambulatory care setting and follow each patient through the entire peroperative period. Apart from doing histories and physical examinations, the student will learn how to write progress notes and prepare for case presentations. The objectives of knowledge are primarily covered in small group teaching sessions held in the hospitals. These cover a broad range of topics in the fields of surgical principles and all the subspecialties of surgery. Students are encouraged to attend services rounds, ward rounds, and participate in the operative management of their patients. Students do their rotations at the MGH, RVH, JGH and SMH.

**SURG 402 GENERAL SURGERY - CLERKSHIPS.** (4) (Restriction: Good standing in MD,CM program.) Principles of general surgery.

In their core clerkship 3rd year, students spend four weeks as clinical clerks in general surgery. The objectives of the surgical clerkship are the workup and management of surgical conditions. As clinical clerks, the students become a part of the surgical team, attending rounds, managing patients and wards, taking calls and becoming involved in the entire management period of their patients. During the four-week rotations, students are given small group teaching on various topics in surgery and orientation sessions at the McGill Simulation Center.

**SURG 403 SURGERY SUB-SPECIALTY - SENIOR CLERKSHIPS.** (4) (Prerequisite: SURG 401.) (Restriction: Good standing in M.D.,C.M. Program.) Principles of a surgery sub-specialty.

In their senior 4th year, students spend four weeks as senior clinical clerks in a subspecialty of surgery. The objectives of the surgical clerkship are the workup and management of surgical conditions. Four weeks are spent in Surgery assigned to one of the following surgical disciplines: Cardiothoracic Surgery, Neurosurgery, Orthopedic, Otolaryngological, General Pediatric Surgery,

Plastic Surgery, Urology or Vascular Surgery. As senior clinical clerks, the students become a part of the surgical team, attending rounds, managing patients and wards, taking calls and becoming involved in the entire management period of their patients. During the four-week rotations, students are given small group teaching on these surgical subspecialty topics.

## 6.6 Staff by Department

### Anatomy and Cell Biology

Strathcona Anatomy and Dentistry Building  
3640 University Street, Montreal, QC H3A 2B2  
Telephone: (514) 398-6335  
Website: [www.mcgill.ca/anatomy](http://www.mcgill.ca/anatomy)

*Chair* — John J.M. Bergeron (*Robert Reford Professor of Anatomy*)

*Emeritus Professors* — Y. Clermont, D.G. Osmond, H. Warshawsky

*Professors* — P. Barker, A. Beaudet, G.C. Bennett, J.J.M. Bergeron, J.R. Braver, M. Burnier, L. Hermo, M. McKee, S.C. Miller, C. Morales, B. Posner, A. Ribeiro-Da Silva, S. Stifani

*Associate Professors* — C. Autexier, O.W. Blaschuk, E. Daniels, S. David, E. Davis, T. Kennedy, M.F. Lalli, N. Lamarche-Vane, P. McPherson, J. Presley, D. Reinhardt, W. Sossin, H. Vali, D. Walker

*Assistant Professors* — F. Bedford, C. Mandato, G. Wild, I. Rouiller

*Associate Members* — A. Berghuis, C. Chalk, J.F. Cloutier, C. Cuello, G. DiBattista, A. Fournier, J. Henderson, S. V. Komarova, P. Lasko, A. Leblanc, P. Metrakos, E. Ruthazer, P. Seguela, P.M. Siegel, D.Y. Thomas, J. Vogel, Xiang-Jiao Yang

*Adjunct Professors* — M. Cayouette, E. Chevet, M. Cygler, D. Cyr, M. Desjardins, J. Drouin, D. Hipfner, M. Horb, S. Inoue, A. Kania, B. Knoppers, M. Latterich, A. Nantel, M. O'Connor-McCourt, J. Osterman, A. Pshezhetsky, J. Schrag, A. Sik, P. Thibault, J. van Oostrum

*Faculty Lecturer* — A. Behiery

### Anesthesia

Royal Victoria Hospital, F9-16  
687 Pine Avenue West, Montreal, QC H3A 1A1  
Website: [www.mcgill.ca/anesthesia](http://www.mcgill.ca/anesthesia)

*Associate Professor and Chair* — S. Backman

*Professors* — G.J. Bennett, K. Brown, M.C. Bushnell (*Harold Griffith Professor of Anesthesia*), F. Carli (*Wesley Bourne Professor of Anesthesia*), F. Cervero, G. Plourde

*Associate Professors* — F. Beique, R. Bondy, D. Bracco, D. Chartrand, T. Coderre, J. Desparmet, M. English, P. Fiset, A. Gamsa, A. Gordon, T. Hemmerling, D. Hickey, K. Kardash, S. Kleiman, J. Lavoie, R.J.S. Robinson, P. Ruiz, T. Schricker, A. Scott, Y. Shir, M. Tessler, D. Withington

*Assistant Professors* — I. Amir, M. Angle, A. Armanious, J. F. Asenjo, C. Baldry, F. Barry, C. Bozzer, N. Buu, R. Carranza, G. Carvalho, R. Charghi, A. Coté, T. Daloze, C. Frigon, M. Gauthier, M. Germain, C. Goyer, B. Grillas, A. Guzzo, N. Hamawy, R. Hasel, R. Hatzakorzian, T. Hunter, I. Kaufman, R. C. Khairy, K. Klubien, I. Kocur, G. Kovarik, V. Kudish, I. Lakheeram, M. Lannes, V. Lash, R. Lattermann, W. Li Pi Shan, D. Mayrand, M. McHugh, P. McMillan, B. Mistry, S. Odeh, J.F. Oliver, A. Owen, B. Popovec, L. Pugsley, D. Quance, F. Ramadori, F. Salevsky, S. Sidhu, A. Sinha, J. Sloan, P. Solomon, M. Talbot, D. Tran, T. Valois, M. Ware

*Lecturers* — S. Bekhor, G. Brock, E. Dupont, M. Kimia, R. Roman, S. Vilderman

*Adjunct Professors* — G. Blaise, J. Cogan, F. Donati, N. Searle, F. Varin

*Post-Retirement* — P. Bromage, G.S. Fox, K. Krnjec, R. Melzack, I. Metcalf, S. Rafla, J. Rosales

### Anaesthesia Research Unit

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

*Professor and Director* — F. Cervero

*Professors* — G.J. Bennett (CRC), M.C. Bushnell (*Harold Griffith Professor of Anaesthesia*)

*Associate Professors* — T. Coderre

### Artificial Cells and Organs Research Centre

3655 Promenade Sir-William-Osler, Room 1002  
Montreal, QC H3G 1Y6  
Website: [www.medicine.mcgill.ca/artcell](http://www.medicine.mcgill.ca/artcell)

The Research Centre provides opportunity for interdisciplinary research and training in the clinical and laboratory aspects of artificial cells, blood substitutes, nanobiotechnology, nanomedicine, regenerative medicine, artificial kidney, artificial blood, cell/stem cell therapy, biomaterials, gene therapy, enzyme therapy, drug delivery, hemoperfusion and others.

Graduate courses are offered in Physiology, and Biomedical Engineering. See the *Graduate and Postdoctoral Studies Calendar*. Electives, summer research, graduate research, and post-doctoral research are offered.

*Professor and Director* — T.M.S. Chang

*Professors* — C.J. Chiu, M. Levy, P. Ponka

*Associate Professors* — P.E. Barre, R.F. Gagnon, S. Prakash

*Assistant Professors* — R. Cacere, D. Shum-Tim

*Research Associate* — Z.C. Liu

### Biochemistry

3655 Promenade Sir-William-Osler, Room 802  
Montreal, QC H3G 1Y6  
Telephone: (514) 398-1898  
Fax: (514) 398-7384  
Website: [www.mcgill.ca/biochemistry](http://www.mcgill.ca/biochemistry)

*Professor and Chair* — D.Y. Thomas

*Emeritus Professors* — A.F. Graham, R.M. Johnstone, E. A. Meighen, S. Solomon, T.L. Sourkes, C.P. Stanners,

*Professors* — N. Beauchemin, R. Blostein, P.E. Branton (*Gilman Cheney Professor of Biochemistry*), P.E. Braun, K. Gehring, V. Giguère, P. Gros (*James McGill Professor*), A.A. Herscovics, R.E. MacKenzie, W. Muller, W.E. Mushynski, A. Nepveu, M. Park, J. Pelletier (*James McGill Professor*), G.C. Shore, J. Shuster, J. R. Silvius, N. Sonenberg (*James McGill Professor*), D. Y. Thomas, M. L. Tremblay (*James McGill Professor*), M. Zannis-Hadjopoulos

*Associate Professors* — A. Berghuis, I. Gallouzi, A. Pause

*Assistant Professors* — M. Bouchard, J. Dostie, T. Duchaine, B. Nagar, J. Teodoro, J. Young

*Associate Members* — K. Auclair, M. Featherstone, W.C. Galley, J. Genest, M. Gotte, M. Hallett, R.S. Kiss, V. Papadopoulos, P. J. Roughley, R. Salavati, M. Saleh, E. Schurr, C. Sriver, P. Siegel, B. Turcotte, S. Wing, X. J. Yang

*Adjunct Professors* — P. Arya, K. Cianflone, M. Cygler, J. Drouin, A. Fortin, M. Latterich, K. Meerovitch, T. Möröy, D. Nicholson, M. O'Connor-McCourt, E. Purisima, M. Raymond, S. Roy, A. Therrien

### Biomedical Engineering

3775 University Street, Room 316  
Montreal, QC H3A 2B4  
Website: [www.bmed.mcgill.ca](http://www.bmed.mcgill.ca)

*Professor and Chair* — H.L. Galiana

*Professors* — J.D. Bobyne, T.M.S. Chang, A.C. Evans, R.E. Kearney, G.B. Pike

*Associate Professors* — L. Collins, W.R.J. Funnell, S. Prakash, M. Tabrizian

*Assistant Professors* — D. Juncker, J. Nadeau

*Adjunct Professors* — G. Baroud, J.H.T. Bates, P. Charette

*Associate Members* — C. Baker, F. Barthelat, K. Cullen, S. De Serres, J. Gotman, D. Guillon, A. Katsarkas, A.M. Lauzon, L. Mongeau, R. Mongrain, S.N. Nazhat, B.N. Segal, T. Steffen

### Communication Sciences and Disorders, School of

1266 Pine Avenue West, Beatty Hall  
Montreal, QC H3G 1A8  
Website: [www.mcgill.ca/scsd](http://www.mcgill.ca/scsd)

*Professor and Director* — S. Baum

*Emeritus Professor* — D. Doehring

*Professors* — A. Katsarkas

*Associate Professors* — V. Gracco, M. Pell (*Graduate Program Director*), L. Polka, E. Thordardottir, S. Rvachew

*Assistant Professors* — L. Gonneman, A. Nadig, K. Steinhauer

*Assistant Professors (Part-time)* — G. Leonard, R. Shenker

*Head of Clinical Program* — J. Claessen

*Lecturers (Part-time)* — A. Al-Haidary, F. Brosseau-Lapre, L. Brunetti, P. Chiang, C. Dench, R. Gesser, A. Hardy, J. Lapointe, M. Namazi, D. Orchard, J. Robillard-Shultz, C. Timm, P. Viens, A. Vogt, J. Wilding

*Adjunct/Associate Members* — H. Chertkow, M. Crago, E. Kehayia, R. Mayberry, D. McFarland, Y. Oshima-Takane

### Diagnostic Radiology

Montreal General Hospital  
1650 Cedar Avenue, Room C5 118  
Montreal, QC H3G 1A4

*Professor and Chair* — R. Lisbona

*Professors* — R. del Carpio-O'Donovan, R. Lisbona, M.J. Palayew, C. Reinhold, L. Rosenthal, D. Tampieri

*Associate Professors* — V. Derbeykan, A. Lisbona, D. Melançon, B. Mesurrolle, A. O'Gorman, R. Satin, L.A. Stein

*Assistant Professors* — P. Albuquerque, A. Aldis, G. Artho, A. Assaf, G. Bellef, F.M. Boston, E. Carmilloglu, L. Carpineta, J. Cassoff, J. Casullo, J. Chankowsky, M-L. Doyon, M. Desaulniers, R. Faingold, H. Guilbeault, R.E. Hanson, M. Hickson, R. Hidgevigi, B.B. Hyams, E. Kao, M. El Khoury, G. Kintzen, V. Khoury, J. Kosiuk, S. Jequier, M. Levental, A. Mandelankis, J. Novales-Diaz, V. Plessner, C. Pham, M. Pinsky, T. Powell, M. Reid, H. Remy, L. Rosenbloom, M.B. Rosenbloom, A. Roy, C. Rush, C. Saint-Martin, J. Stern, J. Taylor, C. Torres, M. Tsatoumas, D. Valenti, A. Veksler

*Adjunct Professors* — M. Atri, P. Bourgoon, P. Bret, G. Breton, M. Fraser-Hill, N. Just, J.L. Vezina, G. Whiteman

*Lecturers* — J. Glay, R. Kimoff, M. Mindel, M.S. Nathens, E. Yeghiayan

*Associate Members* — A. Evans, B. Pike, E. Podgorsak

### Epidemiology, Biostatistics and Occupational Health

1020 Pine Avenue West  
Purvis Hall  
Montreal, QC H3A 1A2

Website: [www.mcgill.ca/epi-biostat-occh](http://www.mcgill.ca/epi-biostat-occh)

*Professor and Chair* — R. Fuhrer

*Emeritus Professors* — M.R. Becklake, J.C. McDonald

*Professors* — A. Abrahamowicz, J.F. Boivin, E. Franco, T. Gyorkos, J.H. Hanley, J. Heymann, C. Infante-Rivard, L. Joseph, M.S. Kramer, A. Lippman, J. McCusker, A. McDonald, R. Menzies, O.S. Miettinen, G. Paradis, I.B. Pless, S.H. Shapiro, S. Suissa, R. Tamblyn, G. Thériault, C. Wolfson, S. Wood-Dauphinee

*Associate Professors* — A. Ciampi, A. Dufresne, P. Héroux, C. P. Larson, J. Pickering, R. Platt, M. Rossignol, N. Steinmetz, P. Tousignant

*Assistant Professors* — A. Adrien, J. Atherton, A. Benedetti, D. Buckeridge, N. Dendukuri, E. Loucks, A. Manges, E. Moodie, M. Pai, L. Patry, A. Quesnel-Vallée, E. Strumpf, G. Tan

*Lecturers* — J.P. Gauvin, M. Malowany, B. Pathak, W. Wood

*Adjunct Professors* — R. Allard, I. Arnold, S. Arnold, M. Baltzan, M. Baillargeon, J.-M. Berthelot, Y. Bonnier-Viger, J. Caro, L. Drouin, D. Gaudin, J. Leloir, R. Lessard, S. Martin, R. Massé, Y. Moride, F. Richer, P. Robillard, E. Robinson, Y. Robitaille, E. Roy, J. Siemiatycki, P. Simon, S. Stock

*Associate Members* — P. Allison, A. Barkun, M. Behr, S. Bernatsky, J. Bourbeau, P. Brassard, T. Brewer, J. Brophy, B. Case, A. Clarke, J. Cox, K. Dasgupta, G. Dougherty, M. Eisenberg, P. Ernst, J. Feine, B. Foster, M. Goldberg, K. Gray-Donald, S. Kahn, M. Klein, E. Latimer, J. D. MacLean, N. Mayo, G. Pেকেles, L. Pilote, E. Rahme, N. Ross, N. Schmitz, K. Schwartzman, M. Sewitch, I. Shrier, K.T. Tannenbaum

*Instructor* — P. Dube

### Family Medicine

517 Pine Avenue West  
Montreal, QC H2W 1S4

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

*Chair* — M. Dawes

*Professors* — H. Bergman, A. Macaulay, Y. Steinert

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*Adjunct Professors* — G. Boucher, M. Clarfield, M.W.L. Davis, W. Davis, I. Deslandes, F. Dufresne, A.J.G. Gervais, N. Haley, G. Julien, M. Klein, D. Murphy, R. Touyz

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#### Human Genetics

1205 Dr. Penfield Avenue, Room N5/13  
Montreal, QC H3A 1B1

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

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#### McGill Cancer Centre

3655 Promenade Sir-William-Osler, Room 701

Montreal, QC H3G 1Y6

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

The McGill Cancer Centre (MCC) is a research unit which has the mandate to carry out internationally recognized fundamental and translational research programs in all fields of Biomedical sciences in order to contribute to the world's efforts addressing the improvement of the management of cancer, to the training of the next generation of cancer researchers as well as to the dissemination of the importance of cancer research to the community.

The fundamental research approach adopted by the Centre anchors on the better understanding of the mechanisms involved in the development of cancer and on the pressing need for fast tracking drug development for use in the clinic. The research model involves the identification of priority themes and the establishment of critical mass of expertise for each of them. These themes include Breast Cancer, Metabolism and Cancer, Stem Cells and Signaling, DNA replication, Instability and Repair, and Development and Cancer.

In the last few years the MCC has adopted a very proactive and innovative approach to the training of the next generation of Cancer Researcher. With the participation of the Experimental Medicine departments, it has implemented a specialized program which is called "Oncology Stream". This program was conceived to give the trainees the opportunity of acquiring a more integrated and complementary view of the cancer problem as well as a specialized training in the area. Among other cancer related courses, the students have to take a mandatory course called "Experimental & Clinical Oncology". This all encompassing course was created to expose them to all aspects of different cancers, from the diagnosis to the treatment and the future drug development. The training program includes other features such as various seminar series featuring international authorities, workshops and round tables.

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Royal Victoria Hospital

687 Pine Avenue West, Montreal, QC H3A 1A1

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*Professor* — J.F. Yale

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### Medical Physics Unit

Montreal General Hospital  
Room L5-113, Livingston Hall  
1650 Cedar Avenue  
Montreal, QC H3G 1A4

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

Program enquiries: [mak@medphys.mcgill.ca](mailto:mak@medphys.mcgill.ca)

Director and Professor — E.B. Podgorsak

Professors — S.M. Lehnert, G.B. Pike

Associate Professors — J.P.F. Seuntjens, F. Verhaegen

Assistant Professor — M.D.C. Evans

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Associate Members — R.B. Richardson, W. Wierzbicki

### Medicine

Office of the Chair:

Royal Victoria Hospital  
687 Pine Avenue, Room A3.09, Montreal, QC H3A 1A1

Website: [www.medicine.mcgill.ca/deptmedicine/default.htm](http://www.medicine.mcgill.ca/deptmedicine/default.htm)

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**Lecturers** — E. Adelson, D. Azran, L. Babins, A. Balbis, H. Benoualid, R. Bilefsky, C. Bromwich, G. Chong, M. Clamen, M. Dallaire, I. Dylewski, M. Di Lorenzo, E. Ferland, R. Fish, O. Fournier-Blake, S. Fox, C. Gomberg, K. Govindaraju, D. Grunbaum, R. Haidar, S. Javaheri, N. Kelner, E. Kokoskin-Nelson, I. Lowensteyn, D. Macek, J. Macleod, N.A. Nguyen, S. D. Potoker, H. Reisler, A.M. Sarrazin, E. Shahin, G. Smith, D. Tatu, G. Thibert, G. Tradounsky, P. Tran, H. Turner, M. Weber, N. Wong, M. Zogby

**Associate Members** — M. Abrahamowicz, S. Ahmed, M. Angle, M. Basik, J. Bergeron, D. Boivin, M. Bouchard, P. Brodt, K. Brown, D. Buckeridge, D. Burns, S.A. Carret, M. Chevrette, R.C. Chian, H. Clarke, I. Cossette, C. Cuello, D. Dufort, R. Farookhi, C. Goodyer, P. Goodyer, M. Gotte, I. Gupta, H. Guyda, V. Hirsh, L. Hoffman, N. Jabado, L. Joseph, M. Kaartinen, S. Komarova, A. Koromilas, K. Koski, M. Kramer, E. Lamoureux, L. Lands, A. Leblanc, A. Manges, G. Matlashewski, B. Mazer, C. McCusker, S. Melancon, J. Minuk, M. Nagano, J. Nalbantoglu, M. Pai, A. Pause, H. Perrault, C. Polychronakos, R. Poole, J. Rak, M. Scott, A. Shaver, L. Soderstrom, M. Sullivan, T. Taivassalo, S.L. Tan, G. Tannenbaum, G. Theriault, M. Tremblay, L. Turner, D. Van Meyel

**Adjunct Professors** — J. Allan, J. Archambault, A.F. Aubry, M. Baltzan, D. Barolet, J. Bates, M. Baumgarten, C. Beauregard, F. Beland, B. Benzaquen, J. Biem, K. Billick, M. Bouchard, C. Bourgault, R. Boushel, K. Brown, A. Brox, R. Butterworth, J. Caro, E. Cassell, M. Cayouette, K. Champagne, F. Charron, P. Chartrand, A.M. Clarfield, S. Clarke, M. Cohen, C. Constance, J.C. Crawhall, W. Cupples, D. Danoff, D. Franchimont, V. Dave, J. Davignon, C. Deal, A. Deng, S. Dennis, C. Desrosiers, J. Drouin, G. Fortier-Riberdy, C. Fortin, D. Franchimont, C. Frenette, P. Froguel, E. Garbe, D. Gayton, A. Gelston, M. Gertler, B. Gibbs, M. Greenwood, J. Gutkowska, P. Hamet, Z. Hanna, M. Haziza, T. Hoang, M. Horb, T. Hudson, T.-H. Huynh, P. Jolicœur, N. Kabani, A. Kania, P. Kelly, D. Kodner, E. Kravitz, G. Kuchel, D. Laib-Barama, C. Lazure, S. Lemieux, S. Mader, K. Maghni, A. Makrigiannis, L. Mallett, C. Martinez, J. McClaran, D. Miao, J.P. Michel, T. Moroy, S. Murtha, M. Nemer, F. Ni, C. Nudo, F. Paccaud, R. Patel, V. Patel, H. Pavel, C. Peretti, D. Rabinovitch, D. Ramos-Barbon, M. Raymond, T. Reudelhuber, D. Richardson, G. Rouleau, C. Roussos, M. Sairam, G. Sauvageau, N. Seidah, R.-P. Sekaly, S.H. Shen, Y. Skrobik, D. Skup, M. Trudel, J. Vacher, A. Veillette, R. Waddell, G. Waters, K. Weiss, D. Yee

**Microbiology and Immunology**

3775 University Street, Room 511  
Montreal, QC H3A 2B4

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

**Chair** — G.J. Matlashewski

**Professors** — Z. Ali-Khan, M.G. Baines, J.W. Coulton, J. Hiscott, G. Matlashewski, J. Mendelson, R.A. Murgita, M.A. Wainberg

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**Neurology and Neurosurgery**

3801 University Street  
Montreal, QC H3A 2B4

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

**Professor and Chair** — R.J. Riopelle

**Emeritus Professors** — D.W. Baxter, G. Bertrand

**Professors** — A. Aguayo, E. Andermann, F. Andermann, J. Antel, D. Arnold, M. Avoli, P. Barker, A. Beaudet, C. Bourque, S. Carbonetto, H. Chertkow, D. Colman, S. David, R. Del Maestro, M. Diksic, R.J. Dunn, H. Durham, A. Evans, J.P. Farmer, W. Feindel, S. Gauthier, J. Gotman, D. Guitton, E. Hamel, K. Hastings, P.C. Holland, B. Jones, M. Jones-Gotman, G. Karpati (*Killam Professor of Neurology and Neurosurgery*), D. Lawrence, A. Leblanc, R. Leblanc, P. McPherson, B. Milner, G. Mohr, A. Olivier (*William Cone Professor of Neurosurgery*), H. Pappius, M. Petrides, B. Pike, M. Rasminsky, J. Richardson, H. Schipper, A. Sherwin, M. Shevell, E. Shoubridge, W. Sossin, S. Stifani, D. Tampieri, G. Tannenbaum, G. Watters, R. Zatorre

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**Lecturers** — S. Antel, D. Diorio, S. Narayanan, W. Vanast

**Associate Members** — S. Ahmed, G. Almazan, J. Armony, C. Baker, S. Beaulieu, F. Bedford, C. Benkelfat, G. Bennett, V. Bohbot, D. Boivin, P. Boksa, D. Bowie, P. Braun, A. Brunet, C. Bushnell, N. Cermakian, F. Cervero, C. Chang, J. Chankowsky, D. Chartrand, T. Coderre, B. Collier, K. Cornish, C. Cuello, K. Cullen, B. Debrulle, R. Del Carpio, R. Dykes, C. F. Parkman, J.P.A. Gratton, Y. Grodzinsky, D. Haegert, R. Hess, R. Joobar, P. Kavan, F. Kingdom, L. Lach, P. Lachapelle, M. Lepage, M. Levin, M. Leyton, G. Luheshi, S. Lupien, A. Majnemer, R.A. McKinney, M. Meaney, C. Mindru, K. Mullen, B. Petrof, J. Poirier, J. Pruessner, R. Quiron, J. Rochford, M. Simmonds, L. Srivastava, L. Stone, M. Sullivan, T. Taivassalo, G. Turecki, C. D. Walker, S. Williams, C. Wolfson, K. Worsley, S. Young

**Adjunct Professors** — Z. Argov, S. Berkovic, F. Cendes, N. De Stefano, L. Descarries, J. Doyon, P. Drapeau, G. Duncan, M. Edwards, E. Ehrensperger, R. Gilbert, A. Gjedde, J. Hardy, C. Holmes, J.P. Julien, S. Kalra, N. Labrecque, G. Leroux,

P. Matthews, L. McKerracher, M. Molnar, Z. Nasreddine, M. Neveu, T. Owens, M. Pandolfo, T. Peters, L. Poissant, A. Prat, M. Ptitto, D. Rabinovitch, E. Racine, Y. Robitaille, G. Rouleau, A. Strafella

**Montreal Neurological Institute**

3801 University Street  
Montreal, QC H3A 2B4  
Website: [www.mni.mcgill.ca](http://www.mni.mcgill.ca)

*Professor and Acting Director* — D. Colman  
*Neurologist-in-Chief* — L. Durcan  
*Neurosurgeon-in-Chief* — A. Olivier

**Montreal General Hospital**

1650 Cedar Avenue  
Montreal, QC H3G 1A4  
Website: [www.muhc.ca/pfv/mgh](http://www.muhc.ca/pfv/mgh)

*Neurologist-in-Chief* — C. Chalk  
*Neurotrauma-in-Chief* — M. Maleki

**Centre for Research in Neuroscience**

1650 Cedar Avenue  
Montreal, QC H3G 1A4  
Web site: [www.mcgill.ca/crn](http://www.mcgill.ca/crn)

*Professor and Director* — S. Carbonetto

**Montreal Children's Hospital**

2300 Tupper Street  
Montreal, QC H3H 1P3  
Website: [www.thechildren.com/en](http://www.thechildren.com/en)

*Neurologist-in-Chief* — B. Rosenblatt  
*Neurosurgeon-in-Chief* — J. Montes

**Jewish General Hospital**

3755 Côte St. Catherine  
Montreal, QC H3T 1E2  
Website: [www.igh.ca](http://www.igh.ca)

*Neurologist-in-Chief* — C. Melmed  
*Neurosurgeon-in-Chief* — G. Mohr

**Obstetrics and Gynecology**

Royal Victoria Hospital  
687 Pine Avenue West  
Montreal, QC H3A 1A1  
Website: [www.medicine.mcgill.ca/obgyn](http://www.medicine.mcgill.ca/obgyn)

*Professor and Chair* — S.L. Tan (*James Edmund Dodds Professor of Obstetrics and Gynecology*)

*Professors* — K. Barrington, A. Ferenczy, C. Gagnon, B.P. Murphy, A. Papageorgiou, B. Robaire, B. Sherwin, T. Tulandi, H. Zingg

*Associate Professors* — A. Ao, J. Arseneau, A. Benjamin, M.E. Boyd, M.F. Chen, H. Clarke, E.B. de Koos, D. Dufort, R. Farag, R. Farookhi, D. Faucher, P. Fournier, A. Gagnon, L. Gilbert, P. Gillett, W. Gottlieb, R. Hemmings, A.K. Joshi, S. Krishnamurthy, M. Martin, S. Meltzer, D. Morris, A. Naumova, R. Shatz, G. Spurl, G. Stanimir

*Assistant Professors* — A. Asswad, J. Bray, R. Brown, W. Buckett, N.L. Cassar, P. Chan, R.C. Chian, D. Cohen, M. Dahan, J.R. de St Victor, S. Drouin, G.P. Gagné, S. Gold, W. Goldsmith, D. Gregory, H. Holzer, H.S. Hum, A. Janvier, D.A. Johansson, S. Klam, R.D. Koby, M.F. Lachapelle, S. Lau, J. Lefebvre, B. Lemieux, G. Luskey, A. Mallozzi, L. Marcon, H. McNamara, L. Miner, A. Mok, S. Nadeau, M. Nagano, R. Pilorgé, E. Quiros, M. Sabin, S. Shams, R. Shear, J. Shine, R. Slim, C. Sylvestre, J. Takefman, D. Wiener, C. Ziegler

*Lecturers* — B. Bodmer, A. Climan, F. Engel, K. Feochari, C. Fortin, R. Frydman, I. Girard, M. Guralnick, L. Johnson, V. Koufogiannis, G. Mallouh, N. Mansour, K. Maraghi, L. Monton, L. Seropian, J. Shinder, S. Tchervenkov

*Adjunct Professors* — N. Brassard, G. Desaulniers, R. Gosden, E. Hamilton, A.B. Lalonde, M. Leong, V.M. Senikas

*Associate Members* — F. Baltzer, W. Foulkes, E. Franco, I. Kaufman, A. Philip, B. Presser

*Research Associate* — R. Funnell

**Occupational Health**

Lady Meredith House  
1110 Pine Avenue West, 3rd Floor  
Montreal, QC H3A 1A3  
Website: [www.mcgill.ca/occh](http://www.mcgill.ca/occh)

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**Oncology**

546 Pine Avenue  
Montreal, QC H2W 1S6  
Website: [www.medicine.mcgill.ca/oncology](http://www.medicine.mcgill.ca/oncology)

*Professor and Chair* — G. Batist

*Professors* — M. Alaoui-Jamali, N. Beauchemin, P. Branton, P. Brodt, R. Del Maestro, J.P. Farmer, M. Featherstone, A. Fuks, E. Franco, C. Freeman (*Michael Rosenbloom Professor of Radiation Oncology*), J. Galipeau, C. Gambacorti-Passerini, V. Gigore, P. Gold, P.H. Gordon, M. Hadjopoulos, A. Herscovics, A. Koromilas, S. Lehnert, N. MacDonald, R. Margolese (*Herbert Black Professor of Surgical Oncology*), W. Miller, A. Neveu, L. Panasci, M. Park, J. Pelletier, E. Podgorsak, M. Pollak (*Alexander Goldfarb Professor*), S. Richard, H. Shennib, C. Shustik, L. Souhami, H. Stern, M. Thirlwell, M. Tremblay, M. Wexler

*Associate Professors* — M. Black, S. Caplan, R. Cohen, D. Cournoyer, S. L. Faria, W. Foulkes, L. Gilbert, W. Gottlieb, M. Hier, I. Hings, V. Hirsh, M. Katz, P. Kavan, H. Kreisman, P. Laneville, A. Langleben, B. Lapointe, A. Loutfi, M. Martin, S. Meterissian, C. Milne, A. Peterson, A. Porter, J. Prchal, Z. Rosberger, A. Rosenberg, J.P. Seuntjens, G. Shenouda, S. Solymoss, G. Spurl, G. Stanimir, J. Sturgeon, R. Tabah, A. Towers, F. Verheagen, T. Vuong, J. Zidulka

*Assistant Professors* — S. Abish, J. Agulnik, P. Ahlgren, J. Alcindor, R. Aloyz, A.-E. Al Moustafa, D. Anderson, S. Assoulina, B. Bahoric, M. Basik, T. Bismar, G. Blake, M. Borod, M. Chasen, R. Cohen, V. Cohen, F. Cury, R. Dalfen, M. David, A. Derossis, M. Duclos, L. Edgar, M. Evans, J. Farley, B. Gagnon, T. Jagoe, C. Lambert, H. Laryea, S. Lau, C. Legler, M.E. MacDonald, D. Melnychuk, C. Mihalciou, T. Muanza, M.T. Niazi, M. Olivares, F. Patenaude, C. Pépe, L. Portelance, D. Roberge, E. Schirmacher, B. Stein, D. Stern, K. Sultanem, M. Tischkowitz, C.A. Vasilevsky, A. Viganò, J.H. Wu

*Lecturers* — E. Marmer, G. Tradounsky

*Associate Members* — P. Allison, M. Andijar, A. Aprikian, A. Arnaert, J. Arseneau, H. Bergman, M. Burnier, S. Chevalier, M. Chevrette, B. Deschamps, M. Elhilali, J. Feine, D. Fleiszer, P. Galiatsatos, H. Gergman, M. Goldberg, D. Goltzman, P. Gros, J. Hiscott, L. Hoffman, T. Hutchinson, N. Jabado, B. Jean-Claude, S. Jordan, K. Lawlor, C. Loiselle, K. Looper, G.J. Matlashewski, R. Michel, J.L. Montes, D. Mulder, L. Ofiara, S. Rabbani, J. Rak, U. Saragovi, S. Tanguay, D. Thomson, P. Tonin, R. Turcotte, J. Wan, A.K. Watters



*Adjunct Professors* — J. Ayoub, E. Bradley, A. Brox, T. Chow, F. Coutlee, P. Ghadirian, S. Mahmood, C. Martens, J. Ragaz, T. Rohan, P. Rousseau, J. Viallet

### Radiation Oncology

Montreal General Hospital  
1650 Cedar Avenue, Montreal, QC H3G 1A4

*Professor and Chair* — C.R. Freeman (*Mike Rosenbloom Professor of Radiation Oncology*)

*Professor* — S.M. Lehnert, E. Podgorsak, L. Souhami

*Associate Professors* — S. Faria, A. Porter, J. Seuntjens, G. Shenouda, T. Vuong, F. Verhaegen

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*Adjunct Professor* — M. Chelfi, T. Chow, C. Martens, P. Rousseau

### Ophthalmology

Royal Victoria Hospital  
687 Pine Avenue West, Room H7.53  
Montreal, QC H3A 1A1

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

*Professor and Chair* — Miguel N. Burnier, Jr.

*Professors* — C. Baker, J. Deschenes, R.F. Hess, P. Lachapelle, S.B. Murphy, K. Mullen

*Associate Professors* — P. Archambault, B. Arthurs, M. Baines, D. Boyaner, J. Chen, F. Codère, W.E.S. Connolly, M. Flanders, M. Gans, M. Kapusta, J.E.S. Gomolin, M. Kapusta, C. Kavalec, O. Kasner, F. Kingdom, S. Lindley, J.M. Little, O. Overbury, R. Polomeno, J. Rosen, N.E. Saheb, L. Solomon

*Assistant Professors* — D. Albert, R. Beneish, J.P. Chartrand, D. Cheema, S. Cohen, M. Diescepola, C. Edelstein, S. Fichman, M. Gordon, C. Kavelec, M. Quigley, K.E. Schirmer, B. Silver, R. Superstein, J. B. Waldron, F. Wein, J. Wise

*Lecturers* — A. Coffey, E. Edelstein, S. Friedman, M. Gosselin, B. Kattleman, D. Kraus, H. Mihalovits, K. Nasr, L. Robidas, D. Silver, C.R. Staudenmaier, E.D. Svarc

### Otolaryngology

Royal Victoria Hospital  
687, Pine Avenue W., Room E3.37, Montreal, QC H3A 1A1  
Telephone: (514) 843-2820  
Fax: (514) 843-1403

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

*Professor and Chair* — S. Frenkiel

*Emeritus Professor* — J.D. Baxter

*Professors* — H.L. Galiana, S. Frenkiel, A. Katsarkas, M.D. Schloss, T.L. Tewfik

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*Associate Member* — Q. Hamid

*Lecturers* — A. Finesilver, J. Rothstein

*Adjunct Professors* — J.J. Dufour

### Pathology

3775 University Street  
Montreal, QC H3A 2B4

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

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*Professors* — A.M.V. Duncan, A. Ferenczy, R. Fraser, Q. Hamid, R.P. Michel, J.B. Richardson (*Miranda Fraser Professor of Comparative Pathology*), H. Sheldon, G. Tremblay

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### Pediatrics

Montreal Children's Hospital  
2300 Tupper Street, Room C-414  
Montreal, QC H3H 1P3  
Website: [www.mcgill.ca/peds](http://www.mcgill.ca/peds)

*Professor and Chair*

H.J. Guyda (*James Edmund Dodds Professor of Pediatrics, Chairman & Paediatrician-in-Chief*)

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*Lecturers* — M. Allard, L. Cartier-Borys, D. Dikranian, G. Ficara, V. Goldbloom, J. Hortop, R. Jeanneau, V. Khediguian, J. Kiteala, J. Lavigne, P. Lawandi, D. Loyer, P. Marin, S. Metrakos, S. Quansah, S. Reiter, P. Rossy, C. Roy-Fleising, L. Samotis, E. Shahin, B. Zylbergold-Schonfeld

*Associate Members* — F. Carnevale, K. Cornish, E. Fombonne, E. Gisel, G. Karpati, L. Lach, C. Limperopoulos, A. Majnemer, M. Malus, E. Rosenberg, H. Viladevall, M.A. Wainberg, S. Young

*Adjunct Professors* — A.H. Ahronheim, R. Barr, M. Eccles, D. Panet-Raymond, M. Paquet, A. Rasquin-Weber

**Pharmacology and Therapeutics**

3655 Promenade Sir-William-Osler, Room 1325,  
Montreal, QC H3G 1Y6  
Website: [www.medicine.mcgill.ca/pharma](http://www.medicine.mcgill.ca/pharma)

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*Associate Professors* — D. Bernard, B. Esplin, T. Hébert, A. McKinney, S. Nattel, A.L. Padjen, H. Saragovi, B.I. Sasyniuk, E. Zorychta

*Associate Members* — M. Alaoui-Jamali, G. Batist, G. Di Battista, L. Fellows, P. Fiset, S. Gauthier, B. Jean-Claude, S. Kimmins, S. Laporte, R. Prichard, R. Quirion, X.J. Yang

*Assistant Professor* — D. Bowie, G. Miller

*Adjunct Professors* — B. Allen, S. Chemtob, Y. De Koninck, L. Garofalo, J.M.A. Laird, J. Mancini, D. Slipetz

**Physiology**

3655 Promenade Sir-William-Osler, Room 1021  
Montreal, QC H3G 1Y6  
Website: [www.medicine.mcgill.ca/physio](http://www.medicine.mcgill.ca/physio)

*Professor and Chair* — J. Orlowski

*Emeritus Professors* — G. Melvill Jones, K. Krnjevic, Thomas M.S. Chang

*Professors* — M.W. Cohen, E. Cooper, K. Cullen, L. Glass (*Rosenfeld Professor of Medicine*), P. Gold (*Douglas G. Cameron Professor of Medicine*), D. Goltzman (*Antoine G. Massabki Professor of Medicine*), J. Hanrahan, M. Levy, G. Lukacs, M. Mackey (*Drake Professor of Medicine*), J.P. Mortola, J. Orlowski, P. Ponka, A. Shrier (*Hosmer Professor of Applied Physiology*), D. Watt, J. White

*Associate Professors* — R. Farookhi, M. Glavinovic, M. Guevara, S. Magder, U. Stochaj, T. Trippenbach, A. Wechsler

*Associate Professor (Part-time)* — N. Bernard

*Assistant Professors*

E. Cook, M. Chacron, J. Desbarats, P. Haghghi, J. Martinez-Trujillo, P. Swain

*Associate Members* — A. Aguayo, J. Antel, M. Avoli, S. Backman, C. Baker, V. Blank, M. Blostein, C. Bourque, S. T. Carbonetto, N. Cermakian, F. Cervero, A. Cybulsky, B. Dubrovsky, S.O. Freedman, A. Fuks, C. Gagnon, R. Gagnon, I. Gallouzi, C. Gianoulakis, H. L. Goldsmith, D. Guitton, T. Hebert, G. Hendy, L. Larose, A.-M. Lauzon, S. Lemay, J. Martin, S. Mulay, S. Musallam, M. Newkirk, C. Pack, B. Posner, S. Prakash, S. Rabbani, D. Ragsdale, D. Rassier, C. Rohlicek, B. Segal, M.M. Stevenson, T. Takano, S. Wing, H. Zingg

*Adjunct Professors* — R. Caplan, P. Drapeau, J. Milton, S. Rossignol, M. Sairam

**Psychiatry**

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

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*Emeritus Professors* — B. Murphy, T.L. Sourkes

*Professors*

F. Abbott, D.L. Annable, C. Benkelfat, P. Boksa, G. Chouinard, M. Cole, M. Dongier, F.R. Ervin, E. Fombonne, N. Frasere-Smith, S. Gauthier, C. Gianoulakis, H. Guttman, L. T. Hechtman, L. Kirmayer, S. Lal, E.P. Lester, A. Malla, M.J. Meaney, K. Minde, N.P. Nair, J.C. Negrete, R. Palmour, J. Paris, J.C. Perry, G. Pinard, J. Poirier, R. Quirion, H. Steiger, A. Young, S. Young

*Associate Professors* — K. Arvanitakis, P. Assalian, C. Baron, S. Beaulieu, P. Beck, M. Bond, S. Braverman, J. Caron, A. Chaput, E.E. Corin, F. Cramer-Azima, I.S. Disher, S. Dongier-Montagnac, B.O. Dubrovsky, A. Duffy, W.D. Engels, R.B. Feldman, C. Fichten, D. Frank, K.J. Gill, A. Granich, A. Gratton, N. Grizenko, J. Guzder, S. King, T. Kolivakis, M. Lalinec-Michaud, E. Latimer, M. Leyton, G. Morgenstern, J. Pecknold, D. Pederson, M. Perreault, A. Propst, R.A. Ramsay, B.M. Robertson, J. Rochford, Z. Rosberger, C. Rousseau, R. Russell, M. Samy, L.K. Srivastava, W. Steiner, B. Suranyi-Cadotte, C.D. Walker, G. Wiviott, M. Zoccolillo

*Assistant Professors* — M.P. Adams, J. Armory, S. Bachneff, E. Banon, L. Beauclair, P. Beaudry, C. Belanger, C. Benierakis, R. Bergeron, J. Beuzeron, P. Bleau, D. Bloom, V. Bohbot, M. Boily, D. Boivin, P. Boston, I. Bradley, E.J. Brahm, W. Brender, M.J. Brouillette, R. Brown, T. Brown, K. Bruce, A. Brunet, C. Cahn, J. Canfield, M. Cargo, N. Casacalenda, N. Cermakian, P. Cervantes, J.G. Chabot, D. Charney, D. Claveau, A. Crocker, H. Cvejic, D.P. Dastoor, J. Debruille, P. Delavanne, J. Derevensky, P. Des Rosiers, R. Desautels, D. Dunkley, M. Elie, J.P. Eilman, A. Fielding, M.J. Fleury, C. Flores, H. Fortin, R.E. Franck, R. Fraser, R. Fugere, G. Galbaud du Fort, M. Gauthier, K. Geagea, J. Glass, G. Gobbi, B. Greenfield, M. Grignon, D. Groleau, B. Groulx, R. Gruber, J.M. Guile, A.D. Hagen, G. Harnois, A.R. Hausfather, B. Hayton, L. Hoffman, N. Hoffman, B. Hunt, F. Ianni, K. Igartua, H. Iskandar, M. Israel, E. Jarvis, C. Jolicoeur, J. Joly, R. Joobar, M. Kapuscinska, S. Kar, R. Keller, F. Key, M.E. Kiely, T. Kolivakis, D.J. Kraus, R. Kuyumjian, P. Lageix, R. Lake-Richards, S. Lamarre, M. Laporta, L. Laporte, J.C. Lastry, D. Leccia, M. Lepage, E. Libman, E. Lizondo, K. Looper, G.L. Low, G. Luheshi, S. Lupien, H. Margolese, J. Martial, T. Measham, M. Messier, G. Meterissian, T.M. Milroy, R. Montoro, L. Morin, G. Myhr, E. Naltchayan, N. Ng Ying Kin, J.A. O'Neil, H. Olders, M.A. Ouimet, J. Palacios-Boix, M. Panisset, R. Perreault, M. Piat, L. Pinard, B. Presser, J. Pruessner, N.M. Rajah, J. Renaud, O. Rios, S.B. Rosenbloom, C. Roy, T. Said, G. Savard, N. Schmitz, G. Schwartz, J. Seguin, J. Sigal, M. Sigman, S. Singh, M.L. Solomon, D. Sookman, I. Spector, S. Sultan, A. Surkis, N. Szkrumelak, P. Tetreault, J.X. Thavundayil, B. Thombs, E. Tidmarsh, G. Turecki, M. Valenzuela, S. Vida, J. Vogel, S. Williams, A. Wilner, M.A. Wolf, T. P. Wong, P. Zerkowicz, V. Zicherman, E. Zikos

*Lecturers* — N. Beauchemin, J.F. Belair, S. Bond, J.M. Bourque, H. Brack, E. Casimir, P.P. Chan, M.E. Davis, Y. Dion, J.A. Farquhar, C. Gendron, H. Goldhaar, P.A. Gregoire, D. Groenewege, P. Harden, M. Heyman, R. Karmel, P. Lamoureux, B. Major, S. Monti De Flores, K. Myron, L. Nadeau, S. Neron, R. Payeur, G. Pierre-Louis, L. Poitras, Z. Prelevic, M. Quintal, T. Reyburn, K. Richter, D.T. Rochon, A. Ross-Chouinard, M. Roy, A. Schiavetto, M. Segal, M. St-Laurent, J. Tremblay, R. Westreich, M. White, S. Wisebord, D. Zack, J. Zambrana, P. Zuardi

*Associate Member* — R. Pihl

*Adjunct Professors* — M. Alda, P. Blier, L. Gaston, C. Mercier, S. Welner



## Social Studies of Medicine

3647 Peel Street, Room 207

Montreal, QC H3A 1X1

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

*Professor and Chair* — A. Cambrosio

*Emeritus Professor* — M. Lock (*Marjorie Bronfman Professor of Social Studies in Medicine*)

*Professors* — A. Tone (*Canada Research Chair in the Social History of Medicine*), G. Weisz (*Cotton-Hannah Professor of the History of Medicine*), A. Young.

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*Adjunct Professor* — C. Borak

## Surgery

McGill University Health Sciences Centre

687 Pine Avenue West

Montreal, QC H3A 1A1

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

*Professor and Chair* — M.M. Elhilali (*Steven Jarislowski Professor of Urology*)

*Emeritus Professor* — A.R.C. Dobell, C.A. Laurin, A.R. Poole, H.R. Shibata

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L. Lincoln, F. Ma, R.A.H. McLeod, J. Mijangos-Pelaez, M. Morelli, M. Nachabe, V.W. Papanastasiou, G.J. Pearl, L. Rosen, N. Roy, J. Schwarz, C. Sirois, P. Stephenson, J.D. Sullivan, T. Surowanec, J.R. Sutton, D. Tataryn, I.S. Weissglas, D.G. Wiltshire

*Associate Members* — S. Ades, A.M. Ahmed, T. Bismar, M. Cantarovich, J. Chen, F. Cury, P. Goldberg, A. Gursahney, R. Koenekoop, J.-J. Lebrun, S. Mayrand, K. Sircar, L.A. Stein

*Adjunct Professors* — M. Aebi, M. Carmel, E. Chevet, M. Ede Filho, D. Evans, A.M. Houle, T.H. Huynh, T. Koulis, R.R. Lett, S. Mahmud, J.L. Meakins, Y. Ponsot, R. Tomlinson, P. Vachon, S. Vobecky, D.R. Williams

*Research Associates* — E. de Lamirande, E. Devemy, T. Goswami, M.C. San Gabriel

## 7 School of Nursing

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## 7.1 The School

### 7.1.1 Location

School of Nursing  
Wilson Hall  
3506 University Street  
Montreal, QC H3A 2A7  
Canada  
Telephone: (514) 398-4144  
Fax: (514) 398-8455  
Website: [www.mcgill.ca/nursing](http://www.mcgill.ca/nursing)

### 7.1.2 Administrative Officers

Richard I. Levin; B.Sc.(Yale), M.D.(NYU)  
**Vice-Principal (Health Affairs) and Dean of the Faculty of Medicine**

Hélène Ezer; N., B.Sc.(N.), M.Sc.(A.)(McG.), Ph.D.(Montr.)  
**Associate Dean, Faculty of Medicine Director, School of Nursing**

Marcia Beaulieu; N., B.Sc., M.Sc.(A), Ph.D.(McG.)  
**Assistant Director and Academic Advisor B.N. (Integrated) Program**

Madeleine Buck; N., B.Sc.(N.), M.Sc.(A)(McG.)  
**Assistant Director and Academic Advisor B.Sc.(N.) Program**

Franco Carnevale; N., B.Sc.(N.), M.Sc.(A.), M.Ed., Ph.D.(McG.)  
**Assistant Director and Academic Advisor Graduate Programs**

C. Céleste Johnston; N., B.N., M.S.(Boston), D.Ed.(McG.)  
**Associate Director, Research**

Margaret Purden; N., B.Sc.(N.), Ph.D.(McG.)  
**Academic Coordinator and Academic Advisor Ph.D. Program**

### 7.1.3 Academic Staff

#### *Emeritus Professor*

Elizabeth C. Logan; N., B.Sc.(Acad.), M.Sc.(Yale)

#### *Professors*

Nancy Frasure-Smith; B.A., Ph.D.(Johns H.) (*part-time*)  
Laurie N. Gottlieb; N., B.N., M.Sc.(A.), Ph.D.(McG.) (*Shaw Professor of Nursing*)  
C. Céleste Johnston; N., M.S.(Boston), B.N., D.Ed.(McG.) (*James McGill Professor*)

#### *Associate Professors*

Franco Carnevale; N., B.Sc.(N.), M.Sc.(A.), M.Ed., Ph.D.(McG.)  
Hélène Ezer; N., B.Sc.(N.), M.Sc.(A.)(McG.), Ph.D.(Montr.)  
Anita J. Gagnon; N., B.Sc.N., M.P.H., Ph.D.(McG.)  
Omaira Mansi; N., B.Sc.N.(Alexandria), M.Sc.(A.)(McG.), Ph.D. candidate (Montr.) (*on leave*)

#### *Assistant Professors*

Antonia Arnaert; N., M.P.H.(Catholic U. of Leuven, K.U.L.), M.P.A.(EHSAL), Ph.D.(K.U.L.)  
Marcia Beaulieu; N., B.Sc., M.Sc.(A.), Ph.D.(McG.)  
Nancy Feeley; N., B.Sc.(N.), M.Sc.(A.), Ph.D.(McG.) (*part-time*)  
Céline Gélinas; N., B.Sc.(N.), M.Sc.(N.), Ph.D.(Laval), Post Doc(McG.)  
Mélanie Lavoie-Tremblay, N., B.Sc.(N.) (Laval), M.Sc.(N.) (Laval), Ph.D. (Laval), Post Doc (Tor.)  
Carmen G. Loiselle; N., B.Sc.(N.)(Montr.), M.S., Ph.D.(Wis.-Madison)  
Margaret Purden; N., B.Sc.(N.), Ph.D.(McG.)  
Sonia Semenic; N., B.A., M.Sc.(A.), Ph.D.(McG.)

#### *Faculty Lecturers*

Cheryl Armistead; N., B.Sc.(N.), M.Sc.(N.)(Ott.)  
Madeleine M. Buck; N., B.Sc.(N.), M.Sc.(A.)(McG.)  
Elaine Doucette; N., B.Sc.(C'dia), B.Sc.(N.), M.Sc.(N.)(Ott.)  
Shari Patricia Gagné; N., B.Sc.(N.)(Ott.), M.Sc.(A.)(McG.)  
Catherine P. Gros; N., B.Sc.(Mass.), M.Sc.(A.)(McG.) (*part-time*)  
Sandie Larouche; N., B.Sc.(N.)(Laval), M.Sc.(A.)(McG.)

#### *Contracted Faculty [part-time]*

Deborah Abner; N., B.Sc.(N.), M.Sc.(A.)(McG.)  
Natalie Anderson; N., B.Sc., M.Sc.(A.)(McG.)  
Sabrina Berdouk; N., B.Sc.(N.)(McG.)  
Jane Chambers-Evans; N., B.Sc.(N.), M.Sc.(A.)(McG.)  
Renee Chauvin; N., B.A.(C'dia), B.Sc.(N.)(Br. Col.), M.Ed.(McG.)  
Luisa Ciofani; N., B.Sc.(N.), M.Sc.(A.)(McG.)  
Christina Clausen; N., B.A.(Qu.), M.A., M.Sc.(A.)(McG.)  
Robin Cohen; B.Sc., M.Sc., Ph.D.(McG.)  
Hermes Cornejo; N., B.Sc.(N.)(Chile), M.Sc.(N.)(Montr.)  
Hedda Coronado; N., B.Sc.(N.)(Philippines)  
Josée Davignon; N., B.Sc.(N.)(Montr.)  
Lili del Campo; N., B.Sc.(N.)  
Suzanne Dhaini, N., B.Sc.(N.)(Amer.), M.A.(Ed.)(C'dia)  
Susan Drouin; N., B.N.(UNB), M.Sc.(A.)(McG.)  
Moira Edwards; N., B.A.(C'dia), M.Ed.(McG.)  
Lynda Egglefield; N., B.Sc.(N.), M.Sc.(A.)(McG.)  
Jessica Emed; N., B.A., B.Sc., M.Sc.(A.)(McG.)  
Lucia Fabijan; N., B.Sc.(N.)(Calg.), M.Sc.(A.)(McG.)  
Giuseppina Federici; N., B.Sc.(N.)(McG.)  
Elizabeth Garfunkel-Katz; N., B.Sc.(N.)(McG.)  
Marie-Claude Germain; N., B.Sc.(N.)(Montr.)  
Richard Gosselin; M.D.(Laval)  
Selam Gurmu; N., B.Sc.(N.)  
Wendy Higden; N., B.Sc.(N.)(McG.)  
Mélanie Hogue; N., B.Sc.(N.)(Montr.)  
Sudaf Khan; N., B.Sc.(N.), M.Sc.(A.)(McG.)

Donna Kindrat; N., B.Sc.(N.)(Ott.)  
 Andrea Laizner; N., B.Sc.(N.), M.Sc.(A.)(McG), Ph.D.(Penn.), Post  
 Doc(Montr.)  
 Anne Marie Lanctôt; N., B.A., M.Sc.(A.)(McG.)  
 Linda Lee; N., B.Sc.(N.)(McG.)  
 Mary Ellen Macdonald; B.A.(McG.), M.A.(Dal.), Ph.D., Post  
 Doc(McG.)  
 Carlina Marchionni; N., B.Sc.(McG.), M.Sc.(John M.),  
 M.Sc.(A.)(McG.)  
 Anne-Marie Martinez; N., B.Sc.(N.), M.Sc.(N.)(Montr.)  
 Linda McHarg; N., B.N., M.Ed.(McG.), Ph.D.(Montr.)  
 Lisa Merry; N., B.Sc., M.Sc.(A.)(McG.)  
 Linda Morneau; N., B.Sc.(N.)(McG.), M.Sc.(SUNY)  
 Frederick Peter Nestel; B.Sc.(McG.), M.Sc.(Qu.), Ph.D.(McG.)  
 Maggie Newing; N., M.Sc.(A.)(McG.)  
 Mary Owen; N., B.A.(C'dia), B.Sc.(N.)(Br. Col.)  
 Lisa Peldjak; N., B.Sc.(N.)(Ott.)  
 Josette Perreault; N., B.N.(McG.)  
 Beverly Rowat; N., B.Sc.(N.), M.Sc.(McG.)  
 Emmanuelle Rolland; L.L.B.(Montr.)  
 Sarah Shea; N., B.Sc.(N.)(McG.)  
 Barbara Webster; N., B.Sc.(N.)(Ott.), M.Sc.(A.)(McG.)  
 Rosanna Zappavigna; N., B.Sc.(N.), M.Ed.(McG.)

#### McGILL UNIVERSITY HEALTH CENTRE (MUHC)

Montreal Children's Hospital Site  
 Montreal General Hospital Site  
 Montreal Neurological Institute Site  
 Royal Victoria Hospital/Montreal Chest Hospital Site

#### McGILL UNIVERSITY TEACHING HOSPITALS AND AFFILIATED CENTRES (MUTHC)

Douglas Hospital  
 Jewish General Hospital  
 Shriner's Hospital for Children  
 St. Mary's Hospital

#### OTHER TEACHING CENTRES

Batshaw Youth and Family Centre  
 Catherine Booth Hospital  
 Concordia University Health Clinic  
 CSSS Ahuntsic-Montreal Nord  
 CSSS Bordeaux-Cartierville-St-Laurent (U of M) (CLSC St.  
 Laurent)  
 CSSS Cavendish (CLSC NDG-MTL Ouest/René Cassin/CH  
 Richardson)  
 CSSS de la Montagne (CLSC Côte des Neiges/Méτρο/Parc  
 Extension)  
 CSSS de l'Ouest de l'Île (CLSC Pierrefonds-Lac St Louis)  
 CSSS Dorval-Lachine-Lasalle (CLSC Lasalle/Vieux Lachine)  
 CSSS Jardins-Rousillon (CLSC Châteauguay)  
 CSSS Lucille-Teasdale  
 CSSS Montérégie (CLSC Champlain)  
 CSSS Pointe de l'Île  
 CSSS St. Leonard-St. Michel  
 CSSS Sud Ouest Verdun (CLSC St Henri/Verdun/Côte St Paul)  
 Cummings Jewish Centre for Seniors  
 Dept. de Santé Publique de Montréal  
 Fulford Residence  
 Griffith-McConnell Residence  
 Henri-Bradet Day Center  
 Jewish Elder Care Day Centre  
 Jewish Rehabilitation Hospital  
 Kateri Memorial Hospital  
 Lakeshore General Hospital  
 Maimonides Hospital Geriatric Centre  
 Montreal Heart Institute  
 Mount Sinai Hospital  
 Northern Quebec Module  
 Salvation Army Montclair Residence  
 Ste. Anne's Veteran Hospital  
 Ste. Margaret's Day Center  
 Tulattavik Health Centre Kuujuaq

West Island Palliative Care Residence  
 West Montreal Readaptation Centre  
 Yellow Door

#### INTERNATIONAL SITES

A range of international placement sites is collated by the Clinical Placement Coordinators.

#### DIRECTORS OF NURSING RESEARCH IN TEACHING HOSPITALS

MUHC — Judith Ritchie  
 Jewish General Hospital — Margaret Purden

#### Clinical and Affiliated Faculty Members:

##### Professors

Susan E. French, Judith Ritchie

##### Associate Professors

Frederick Peter Nestel, Carolyn Pepler, Edith Zorychta

##### Assistant Professors

Madeleine Boulay-Bolduc, Jane Chambers-Evans, Susan Drouin, Margaret Eades, Linda Edgar, Lucia Fabijan, Valerie Frunchak, Andrea Laizner, Suzanne Lanctôt, Ariella Lang, Virginia Lee, Diane E. Lowden, Ann Lynch, Mary Ellen Macdonald, Linda McHarg, Lynne McVey, Michelle Nadon, Patricia O'Connor, Helene Racine, Janet Rennick, Marie-Claire Richer, Andreeanne Saucier, Charles Sounan, Linda Ward

##### Faculty Lecturers

Deborah Abner, Nathalie Aubin, Sophie Baillargeon, Denise Bédard, Gisèle Bélanger, Linda P. Boisvert, Diane Borisov, Rose Boyle, Sharon Brissette, Franca Cantini, Robin Canuel, Isabelle Caron, Lucy Mary-Anne Caron, Luisa Ciofani, Christina Clausen, Martine Claveau, Carole Cormier, Hermes Cornejo, Esther Dajczman, Cindy Dalton, Nancy Drummond, Jessica Emed, Charlotte Evans, Donna Fitz-Gerald, Constance Forget Falcicchio, Maryse Godin, Iris Gourdji, Cynthia Graham-Certosini, Maria Hamakiotis, Norine M. Heywood, Rosalie Johnson, Yasmin Khalili, Philippe Lamer, Anne Marie Lanctôt, Anne Marie Martinez, Althea Hazel McBean, Lisa Merry, Sharon Mooney, Linda Morneau, Maggie Newing, Catherine Oliver, Marsha Ptack, Nathalie Rodrigue, Patricia Rose, Christina Rosmus, Rosalia Sanzone, Maryse Savoie, Eleanor Scharf, Valerie Joy Schneidman, Melanie Sheridan, Rosa Sourial, Diane St-Cyr, Janice Karen Stephenson, Gillian Taylor, Claire Thibault, Kelly Thorstad, Lucie Tremblay, Jodi Tuck, Antoinetta Vitale, Lucy Wardell, Rosanna Zappavigna

##### Adjunct Professor

Bruce Gottlieb

##### Associate Members

Rhonda Amsel, S. Robin Cohen, Mary K. Decell, Jae-Marie Ferdinand, Richard Gosselin, Ronald D. Gottesman, Sophie Nadeau, Claire Dominique Walker

##### Clinical Instructors

A list of nurses holding a McGill instructor appointment is available at the School of Nursing.

#### 7.1.4 History

The McGill School of Nursing, a professional School within the Faculty of Medicine, has been educating nurses since 1920. The School is internationally recognized for its distinctive vision, leadership in nursing and the quality of its programs. McGill nursing graduates have earned a reputation as outstanding clinicians, educators, researchers, and leaders in the discipline.

Over the years the faculty of the School at McGill has worked to formulate a philosophy about the responsibilities and practice of nursing. This philosophy, known as the McGill Model of Nursing, directs the curriculum of the programs at the School and emphasizes health, the family, learning and development, collaboration with clients and working with the resources of individuals, families and communities. Its intent is to actively promote health and well-being in people of all ages and across all situations. The McGill

Model is also central to the Department of Nursing of the McGill University Health Centre.

The first programs offered at the McGill School of Nursing in the 1920s were intended to develop knowledge and skill for nurses working in the field of community health. In those early years, education programs offered at McGill were directed at nurses holding diplomas from hospital schools. Since 1957 the School has offered a first level undergraduate degree in nursing to university students interested in health care. The increasing complexity of nursing practice, coupled with the rapid growth of knowledge about human behaviour during health and illness led to the development of the Master's program in nursing in 1961. In 1975, the School opened the first direct entry Masters program in Nursing. This program, which remains the only one of its kind in Canada, admits students with a B.A. or B.Sc. in the social or biological sciences and selected course requisites to a three year clinically based program of study that leads to a Masters degree in Nursing and to licensure as a registered nurse. In 1994, the joint Doctoral program began in collaboration with the University of Montreal. Continuing its long tradition of innovation and responsiveness, in 2004, the School opened a new Bachelor of Nursing degree for students who complete the DEC 180.A.0 in Quebec and meet the University entrance requirements. The neonatal nurse practitioner program opened in 2005 and the nurse practitioner program in primary care in 2007.

The first doctoral degree in nursing in Canada was awarded at McGill in 1990. In addition the McGill School continues to publish the *Canadian Journal of Nursing Research*, Canada's first refereed journal of research and scholarly papers in nursing.

The School is located in Wilson Hall, which houses classrooms, learning labs, computer facilities, faculty offices, and lounges. Students registered in the School also take courses in other faculties within the University. Selected experience in nursing is provided in the McGill University Health Centre, other McGill affiliated hospitals, and in a wide variety of health agencies in Montreal.

### 7.1.5 Programs Offered

The School offers the following programs which are outlined in the relevant section of this Calendar.

- The School offers the following bachelor programs:
  - A bachelor's program, 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. (High school, mature, university transfer, and other applicant types for the B.Sc.(N.) program can be found in [section 7.2.1, "Bachelor of Science in Nursing Program – B.Sc.\(N.\)"](#)).
  - A bachelor's program, B.N. (Integrated) for holders of the DEC 180.A.0.
- The School offers a M.Sc.(A) in Nursing. This clinically based program prepares nurses to assume advanced practice roles in nursing (Clinical Nurse Specialist or Nurse Practitioner). The M.Sc.(A) program of study can be tailored to meet specific career goals in areas such as administration and international health. There are two routes of entry to this program. Applications to the Master's program are accepted from:
  - Nurses holding a bachelor's degree in nursing equivalent to the B.Sc.(N.) or B.N. (Integrated) undergraduate degree offered at McGill.
  - Graduates with a general B.A. or B.Sc. from programs comparable to the McGill undergraduate degrees *and no* previous nursing preparation. This route of entry to graduate studies in nursing is unique in Canada.
- The School of Nursing of McGill University and the Faculté de Sciences Infirmières of the Université de Montréal offer a joint doctorate program leading to a Ph.D. in Nursing. Candidates that have completed master's level studies with either their undergraduate or graduate degree in Nursing are eligible to

apply. Selected students may be admitted after completion of their first year of master's study at McGill.

For information on our graduate programs (Master's, Doctoral and Postdoctoral studies), please refer to the *Graduate and Postdoctoral Studies Calendar 2008-09*.

### 7.1.6 Language Policy

For more information, see [section 3.1.6, "Language Policy"](#).

### 7.1.7 Communication Policy

E-mail is the official means of communication between McGill University, the School of Nursing, and its students. Please consult [section 3.1.7, "E-mail Communication"](#).

## 7.2 Bachelor Programs

### 7.2.1 Bachelor of Science in Nursing Program – B.Sc.(N.)

**The Bachelor of Science (Nursing) program is accredited by the Canadian Association of Schools of Nursing.**

The curriculum for the B.Sc.(N.) extends over three years (four years for students who must complete U0 science courses i.e., high school graduates, mature students with no previous science background - see [section 7.2.1.2, "B.Sc.\(N.\) Course of Study"](#)) with general and professional courses in each year. Nursing courses continue in the Summer sessions. Clinical experiences are in community health centres, hospitals, and other agencies as well as in patients' homes.

#### 7.2.1.1 B.Sc.(N.) Entrance Requirements

Detailed information about each admission category can be found at [www.mcgill.ca/applying/undergrad](http://www.mcgill.ca/applying/undergrad).

#### Quebec Diploma Of Collegial Studies (Health Sciences/ Sciences)

Holders of the Diploma of Collegial Studies who have completed the following courses are considered for admission to the 106 credit B.Sc.(N.) Program; for more information, see [www.mcgill.ca/applying/undergrad2008-09/quebec](http://www.mcgill.ca/applying/undergrad2008-09/quebec).

- Biology - NYA, General Biology II (00UK, 00XU)
- Chemistry - NYA, NYB, Organic Chemistry I (00UL, 00UM, 00XV)
- Mathematics - NYA, NYB (00UN, 00UP)
- Physics - NYA, NYB, NYC (00UR, 00US, 00UT)

Admission will be based on the *cote de rendement au collégial (cote r)*; overall *cote r* and *cote r* in prerequisite courses are considered.

#### Mature Students

Within the University provisions, candidates who are at least 23 years old, and are Canadian citizens or permanent residents, may be eligible for consideration as Mature Students. See [www.mcgill.ca/applying/undergrad2008-09/mature](http://www.mcgill.ca/applying/undergrad2008-09/mature) for more specific details. An applicant requesting entry as a Mature Student must have successfully completed a minimum of three courses: one in functions (pre-calculus) (calculus is preferred); at least two of general biology, chemistry or physics (all with labs) Each of the courses must have been completed at the CEGEP or university level, with a minimum university grade of 70% or equivalent. Mature students are advised to meet with CEGEP representatives to determine what courses they should take based on high school science studies. Candidates with these prerequisites may then be admitted to the 139 or 140 credit B.Sc.(N.) Program (four years, see U0 year in [section 7.2.1.2 "B.Sc.\(N.\) Course of Study"](#)). Students will not repeat CEGEP level courses that are equivalent to U0 courses.)



**Applicants from Ontario** must have completed the Ontario Secondary School Diploma (OSSD) by the time they commence their university studies; see [www.mcgill.ca/applying/undergrad2008-09/ontario](http://www.mcgill.ca/applying/undergrad2008-09/ontario). Most students are considered for the four year B.Sc.(N.) program (includes a U0 year described in B.Sc.(N.) Course of Study).

- Calculus MCB4U (or OAC) OR Algebra and Geometry or MCB4U (or OAC)

At least two of:

- Biology SBI4U (or OAC);
- Chemistry SCH4U (or OAC);
- Physics SPH4U (or OAC);
- 4U(or OAC) English or French

**Applicants from Canadian High Schools outside of Quebec and Ontario** must hold a high school diploma giving access to university education in their province/territory; see [www.mcgill.ca/applying/undergrad2008-09/canada](http://www.mcgill.ca/applying/undergrad2008-09/canada). Most students are considered for the four year B.Sc.(N.) program (includes a U0 year described in B.Sc.(N.) Course of Study).

- Grade 12 Mathematics (pre-calculus)
- At least two of: Grade 12 Biology, Chemistry or Physics
- Grade 12 English or French

**Applicants from other Universities or Colleges and Second Bachelor Degree applicants (Transfer Students);** see [www.mcgill.ca/applying/undergrad2008-09/other](http://www.mcgill.ca/applying/undergrad2008-09/other).

Students who wish to transfer from other universities and colleges are considered on the basis of both the pre-university and university studies. A minimum of 60 credits must be completed at McGill if a degree is to be granted. The student's admissibility and the number of credits which can be granted are determined only when a formal application and all the necessary supporting documents are received.

The minimum for consideration as a transfer student is:

- One semester of differential calculus
- One semester of integral calculus
- Two semesters of biology, chemistry and/or physics, with labs

**Applicants from U.S. High School Programs (in U.S.A. or other countries)** must hold a high school diploma and must have followed an academic program leading to university entrance; see [www.mcgill.ca/applying/undergrad2008-09/usa](http://www.mcgill.ca/applying/undergrad2008-09/usa).

- Pre-calculus (functions)
- At least two of: Biology, Chemistry or Physics
- SAT list must include at least two different subjects from the following list: biology, chemistry, mathematics, physics.

**Applicants from outside Canada or the U.S.**

Students with a strong mathematics and science preparation at a Senior High School level, who wish to be considered for entrance to the Bachelor of Science (Nursing) program, should visit [www.mcgill.ca/applying/undergrad2008-09/overseas](http://www.mcgill.ca/applying/undergrad2008-09/overseas) for detailed information about requirements. Most students are considered for the four year B.Sc.(N.) program (includes a U0 year described in B.Sc.(N.) Course of Study).

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 3.1.5 "Proof of Proficiency in English"](#) for other assessments that are acceptable.) Information is also available at [www.mcgill.ca/applying/undergrad2008-09/general-requirements](http://www.mcgill.ca/applying/undergrad2008-09/general-requirements) in the Proof of Proficiency in English section.

**Inter-Faculty Transfer Students (McGill University students)**

Applications are completed through Minerva. Visit [www.mcgill.ca/student-records/inter-faculty-transfers](http://www.mcgill.ca/student-records/inter-faculty-transfers) for complete instructions.

The School of Nursing accepts applications from students currently enrolled in another program within McGill University. Students must be in Satisfactory Standing in their current program.

A minimum cumulative GPA of 2.70 or above is normally required. Transfer students are considered for admission on the basis of current university studies and previous studies.

### Holders of a Bachelor's Degree

Applicants who already have a general bachelor's degree in Science or Arts, or will have completed an undergraduate degree by August 1 of the entering year, should contact the School to determine whether they should apply for entrance to the B.Sc.(N.) program or to the Qualifying Year of the Master's program. Application to the B.Sc.(N.) program is made to Enrolment Services. Requests for information regarding applications to the Qualifying Year should be directed to the School of Nursing.

#### 7.2.1.2 B.Sc.(N.) Course of Study

Total program credits: 106

The courses outlined below have been developed and sequenced to ensure that students meet the overall program objectives. The following courses must be completed in sequence unless discussed with an advisor.

#### First Year (U1) – Required Courses (37 credits)

##### Fall Term

NUR1 220	(3)	Therapeutic Relationships
NUR1 222	(1)	McGill Model of Nursing
NUR1 223	(3)	Development over the Lifespan
NUR1 422	(3)	Research in Nursing
PHGY 209	(3)	Mammalian Physiology 1
PSYC 215	(3)	Social Psychology

##### Winter Term

NUR1 200	(4)	Biology for Illness & Therapy
NUR1 221	(3)	Families and Health Behaviour
NUR1 234	(3)	Nursing Elderly Families
NUR1 235	(4)	Health and Physical Assessment
PHGY 210	(3)	Mammalian Physiology 2

##### Summer Term (Registration takes place during Winter term)

NUR1 233	(4)	Promoting Young Family Development
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#### Second Year (U2) – Required Courses (35 credits)

##### Fall Term

NUR1 311	(3)	Infection Prevention and Control
NUR1 321	(2)	Acute Stressors and Coping
NUR1 323	(3)	Illness Management 1
NUR1 331	(4)	Nursing in Illness 1
PHAR 300	(3)	Drug Action

##### Winter Term

NUR1 322	(3)	Chronic Illness and Palliative Care
NUR1 324	(3)	Illness Management 2
NUR1 332	(4)	Nursing in Illness 2
PATH 300	(3)	Human Disease
PHAR 301	(3)	Drugs and Disease

##### Summer Term (Registration takes place during Winter term)

NUR1 333	(4)	Nursing in Illness 3
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#### Third Year (U3) – Required Courses (28 credits)

##### Fall Term

NUR1 328	(3)	Learning and Health Education
NUR1 420	(3)	Primary Health Care
NUR1 424	(3)	Legal and Ethical Issues: Nursing
NUR1 431	(4)	Community Nursing 1

##### Winter Term

NUR1 421	(3)	Resources: Special Populations
NUR1 432	(4)	Community Nursing 2
PSYC 204	(3)	Introduction to Psychological Statistics

##### Summer Term (Registration takes place during Winter term)

NUR1 530	(5)	Clinical Internship
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#### Elective Courses (6 credits)

6 credits with 3 credits at the 300 level or above.  
(Full-time students normally take these courses in the third year.)



**The first year (U0) of the 139 or 140 credit four year program consists of the following courses:**

**U0 Required Courses** (30 credits)

*Fall Term*

BIOL 111	(3)	Principles: Organismal Biology
CHEM 110	(4)	General Chemistry 1
PHYS 101	(4)	Introductory Physics - Mechanics

*Winter Term*

BIOL 112	(3)	Cell and Molecular Biology
CHEM 120	(4)	General Chemistry 2
MATH 141	(4)	Calculus 2
PHYS 102	(4)	Introductory Physics - Electromagnetism

*Summer Term (Registration takes place during Winter term)*

CHEM 212	(4)	Introductory Organic Chemistry 1
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**U0 Complementary Courses** (3 or 4 credits)

one of the following courses (to be taken in Fall term):

MATH 139	(4)	Calculus
MATH 140	(3)	Calculus 1

Following successful completion of the U0 courses, students enter First Year (U1).

**7.2.2 Bachelor of Nursing (B.N.) – B.N. (Integrated) Program**

The B.N. (Integrated) Program is part of a five-year program developed jointly by the Quebec universities and CEGEPs. This 93 credit program is open to students who complete the three-year 180-AO Nursing Program at Cegep. Students admitted on the basis of a CEGEP DEC receive 27 credits of advanced standing (equivalent to the 1<sup>st</sup> year of university) and are admitted to the 2<sup>nd</sup> year of university. The program consists of two years at university in which students take more advanced nursing and science courses to meet the competencies expected of a nurse with a Baccalaureate degree. These competencies include working in multi-disciplinary teams or more autonomously, in hospital and community settings, with individuals, families, and groups, planning health education programs and participating in research. The program may be completed in two years if taken full time and four years if taken part time.

**7.2.2.1 B.N. (Integrated) Entrance Requirements**

Applicants who have completed the Diplôme d'études collégiales (DEC) 180.A0 will be considered for admission to the University segment of the program. Admission will be based on the cote de rendement collégiale (cote r); overall cote r and cote r in prerequisite courses are considered.

The courses below must be taken in the sequence outlined unless discussed with the B.N. (Integrated) advisor.

**7.2.2.2 B.N. (Integrated) Course of Study**

Total program credits: 66

**Required Courses** (63 credits)

**Year 2**

*Fall Term*

NUR1 219	(1)	Transition to McGill Model
NUR1 319	(3)	Stress & Illness Management
NUR1 422	(3)	Research in Nursing
PHGY 209	(3)	Mammalian Physiology 1
CHEM 232	(4)	Organic Chemistry Principles

*Winter Term*

NUR1 200	(4)	Biology for Illness & Therapy
NUR1 239	(3)	Health & Physical Assessment 2
NUR1 324	(3)	Illness Management 2
PHGY 210	(3)	Mammalian Physiology 2
PSYC 215	(3)	Social Psychology

*Summer Term (Registration takes place during Winter term)*

NUR1 331	(4)	Nursing in Illness 1
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Students must successfully complete all courses in year 2 before they will be permitted to take the clinical courses in year 3.

**Year 3**

*Fall Term*

NUR1 328	(3)	Learning and Health Education
NUR1 420	(3)	Primary Health Care
NUR1 431	(4)	Community Nursing 1
PHAR 300	(3)	Drug Action

*Winter Term*

NUR1 322	(3)	Chronic Illness & Palliative Care
NUR1 421	(3)	Resources: Special Populations
NUR1 432	(4)	Community Nursing 2
PATH 300	(3)	Human Disease
PSYC 204	(3)	Introduction to Psychological Statistics

**Elective Course (3 credits)**

3 credits at the 200 level or above.

**7.2.3 Application for Admission**

Application to the School of Nursing can be made using the McGill on-line application available at [www.mcgill.ca/applying](http://www.mcgill.ca/applying).

Please note that the same application is used for all undergraduate programs at McGill and two program choices can be entered.

The deadlines for submission of applications for Fall admission are: January 15 (applicants studying outside of Canada), February 1 (applicants from Canadian high schools outside of Quebec), March 1 (all other applicants). For January admission to the Bachelor of Nursing program, the deadline for application is November 1.

All applications must be accompanied by a \$80 non-refundable fee, in Canadian or U.S. funds only, payable by credit card, certified cheque, or money order. McGill does not offer application fee waivers.

**7.2.4 Scholarships, Bursaries and Prizes**

There are a number of entrance scholarships open to students from all parts of Canada registering in the University. Information can be found in the *Undergraduate Scholarships and Awards Calendar* available on the Web at [www.mcgill.ca/courses](http://www.mcgill.ca/courses).

**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, account may also be taken of financial need and/or qualities of leadership in community and school activities. Awarded by the University Committee on Scholarships and Student Aid and renewable provided the holder maintains an academic standing satisfactory to the Committee. Any unspent funds may be awarded by the Student Aid Office as bursaries to Canadian undergraduate students in Nursing. Value: minimum \$2,000 each.

**LUELLA DOWNING PRIZE IN NURSING**, established in 2006 through a bequest by Luella Downing. Awarded by the 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. Value estimated at \$500.

**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 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. Value: minimum \$500.

#### In-Course Awards

**BLANDY PRIZE**, established in 2003 by the late June Blandy, B.N. (1971) to recognize academic excellence. Value: \$50.

**CLIFFORD C.F. WONG SCHOLARSHIP**, established in 1989 by the late Clifford C.F. Wong, B.Arch. (1960) to recognize distinguished academic standing. Awarded by the School to a continuing student having completed at least one year in the Bachelor of Science in Nursing Program. Value: \$1,500.

**MILDRED B. LANDE SCHOLARSHIP IN THE SCHOOL OF NURSING**, established in 2008 by Mrs. Mildred Lande, CM, BA 1936, for an outstanding undergraduate student or students who have completed at least one year of the Nursing Program. Estimated Value: \$2,000 for two scholarships or \$4,000 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. Three of these prizes are named: the Marion Lindeburgh Scholarship, the Irma Riley Award, and the Agnes Boisde Award. Application is made at the School early in the Fall term.

**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, MDCM 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 School of Nursing Scholarships Committee. Estimated Value: \$2,500 each.

**Note:** The School of Nursing also awards Book Prizes and Canadian Journal of Nursing Research (CJNR) Prizes. Students are encouraged to inquire with the School of Nursing for additional fellowships and scholarships available within the current academic year.

#### Prizes Awarded at Convocation

**ANNE MARIE FONG HUM MEMORIAL PRIZE**, awarded to the 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 ALTSHULER PRIZE IN NURSING**, established in 2006 by David Altshuler and the Altshuler family, in honour of his mother, Barbara Altshuler, D.I.P., P.Th. (1958). Awarded by the School of Nursing to an undergraduate nursing student on the basis of clinical and academic achievement. Estimated Value: \$1,000

**EVELYN ROCQUE MALOWANY PRIZE IN NURSING**, established in 2007 by Evelyn Rocque Malowany. Awarded by the School of Nursing to a graduating student who has demonstrated initiative and leadership in the profession. Estimated Value: \$900.

**LEXY L. FELLOWES MEMORIAL PRIZE**, established in 1969 by Miss Rae Fellowes in memory of her mother, this prize is awarded to the student with the highest academic and professional achievement in the Bachelor of Science Nursing program. Estimated Value: \$1000.

A complete list of scholarships, bursaries, prizes and awards, and the regulations governing the various loan funds are given in the *Undergraduate Scholarships and Awards Calendar* and in the Graduate Fellowships and Awards section of the *Graduate and Postdoctoral Studies Calendar*. Both are available on the Web at [www.mcgill.ca/courses](http://www.mcgill.ca/courses).

Candidates for the Graduate Program are advised to begin applications for such awards as early as possible in order to complete the process prior to entry into the program.

## 7.3 Registration and Regulations

Please read [section 3, "General University Information and Regulations"](#) for more details.

Students admitted to the B.Sc.(N.) and B.N. (Integrated) programs are advised to refer to the *Welcome to McGill* booklet for information on Discover McGill activities.

New undergraduate nursing students may obtain information related to registration and/or academic advising on the Web at [www.mcgill.ca/student-records](http://www.mcgill.ca/student-records).

Official registration through Minerva must be completed by the Orientation Session in August. Students registering late for reasons unrelated to the admission procedure are subject to the late payment and registration fees. See [section 3.3.1 "Registration"](#) for more information.

Returning students are responsible for ensuring that registration is complete as per university timetables (see [section 1 "Calendar of Dates 2008-09"](#)). However, the deadline for registration for Fall NUR1 331 and NUR1 431 clinical courses to guarantee placement is June 15.

#### Degree Evaluation

Students are responsible for ensuring that they are taking the required courses as set out in their program of study to meet the degree requirements. Students can check their degree requirements at [www.mcgill.ca/student-records/degree-evaluation](http://www.mcgill.ca/student-records/degree-evaluation).

#### General Course Requirements

Students are informed at the beginning of any course of the course objectives and requirements as well as the methods of evaluation and the contribution of each method of evaluation to the final grade in the course. Students will not be permitted to write an examination in any course unless they have fulfilled the requirements of the course, including attendance.

#### Regulations Concerning Final Examinations

See [section 3.6.1, "Examinations – General Information"](#).

#### Leave of Absence

Exceptionally, students may require a Leave of Absence (LOA) for personal illness or for compassionate reasons or extenuating academic circumstances. Students must receive permission from the Student Standing and Promotions Committee for any leave of absence. Supporting documentation may be required. Generally, students are granted no more than one leave of absence during the program of study. A student returning from a LOA due to illness must provide supporting documentation indicating that the student is able to resume studies.

***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 School of Nursing. Such students may apply for readmission within one year after withdrawal.***

#### Withdrawal

Permission must be obtained from the Program Director prior to withdrawing from a required course. 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 in [section 1 "Calendar of Dates 2008-09"](#) if any, and will be in accordance with [section 3.4.9, "Fees and Withdrawal from the University"](#).

### 7.3.1 Clinical Requirements for All Undergraduate Programs

Entrance into clinical courses is dependant on having met Immatriculation or licensing with the Ordre des infirmières et infirmiers du Québec (OIIQ) as outlined in Article 7.3.2 and the following requirements:

#### Vaccination/Immunization Requirements

See General University Information [section 3.1.11](#), “Vaccination/Immunization Requirements”. A copy of the immunization form outlining requirements can be found at [www.mcgill.ca/studenthealth/immunization](http://www.mcgill.ca/studenthealth/immunization). **Annual flu vaccination is strongly recommended.** Entry into the McGill University Teaching Hospital Network of Affiliated Centres is dependent on having met the immunization requirements. Immunizations must be complete (or in progress for Hepatitis B) by September 30 of the first year of studies involving clinical courses (U1 for B.Sc.(N.); U2 for B.N. (Integrated)).

#### Mask Fitting Requirements

Prior to commencing NUR1 233 or NUR1 331 (Summer session), all Nursing Undergraduate students must be “mask fitted” by Student Health Services to protect against airborne transmissible infections to which they may be exposed in the hospital setting.

#### CPR and First Aid Requirements

Valid First Aid and CPR Certification (level C) are required no later than January 30th of the first year of the Nursing programs. This Certification must be maintained throughout the program of study.

#### Clinical Courses

- Clinical courses must be taken sequentially as identified in the Course of Study ([section 7.2.1.2 “B.Sc.\(N.\) Course of Study”](#) and [section 7.2.2.2 “B.N. \(Integrated\) Course of Study”](#)).
- Students are expected to demonstrate professional behaviour at all times. The Code of Ethics for Nurses and the McGill University Code of Student Conduct (as outlined in the Handbook Student Rights and Responsibilities) provide guidelines. Accountability and professionalism are evaluated throughout clinical courses.
- Professional behaviour is expected in relation to classmates, teachers, patients, the interprofessional team, and the institutions within which studies take place.
- Students must be registered with the profession (see [section 7.3.2, “Registration with the Profession \(Immatriculation or Licensing during the Course of Study\)”](#)) before they can have access to clinical placements.
- 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 semester for U1 B.Sc.(N.) students and in Winter semester for U2 B.N. (Integrated) students).
- 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 in writing so that a learning plan can be developed. Students whose performance is well below expectations or deemed to be incompetent or unsafe in clinical studies can be required to withdraw from the course at any time - in this case the student will receive a grade of WF or F. A meeting with the Program Director is required in such cases.
- Students are required to comply with the School of Nursing

uniform policy (or that of the clinical agency) during clinical placements. Details are given at registration or shortly thereafter.

- Students are required to purchase a stethoscope and other health-assessment equipment required within specific courses.
- An effort is made to place students within reasonable travelling distance for clinical studies but this cannot be guaranteed. Therefore, each student must budget a sum of money to travel to and from a clinical agency during their clinical course experiences.
- Special requests for specific location or hours of clinical study cannot be accommodated.
- Clinical courses that are offered during the Summer session generally require that students study during the day time, evening and weekends.
- Students requesting clinical placements outside the McGill University Teaching Hospital Network or on Specialized Units (e.g., Intensive Care, Emergency Department), must be in Satisfactory Standing in their program as well as have a CGPA of at least 3.2. Certain placements may require a higher CGPA. Placement decisions may also take into account the strength and completeness of the proposal for placement, the level of autonomy and accountability of the student, the pattern of the student's progress in the program, and interviews.
- B.N. (Integrated) students must successfully complete all Fall and Winter first year courses PRIOR to taking NUR1 331.

#### Criminal Reference Check:

Clinical agencies may require students entering their facility to undergo a Criminal Reference Check prior to being granted permission to enter their facility. Inability of the student to gain access to clinical study settings can preclude their ability to meet the clinical course requirements within their program of study.

### 7.3.2 Registration with the Profession (Immatriculation or Licensing during the Course of Study)

All students enrolled in a Nursing program must be registered with the Ordre des infirmières et infirmiers du Québec - OIIQ (Order of Nurses of Quebec) to have access to the clinical field. B.Sc.(N.) students receive direct communication from the OIIQ to their Quebec mailing address in the Fall semester. (Students who do not have a Quebec address on the MINERVA system will not receive this notice and their clinical placement will be in jeopardy). B.N. (Integrated) students must have passed the OIIQ professional examination or have received licensure from the OIIQ to take the first community clinical course NUR1 431. All Nursing students must adhere to the Code of Ethics of Nurses as outlined in the Professional Code R.S.Q., c. C-26, s. 87; 2001, c. 78, s. 6.

**Note:** Registration of a student in Nursing may be revoked by the OIIQ for expulsion from a teaching establishment, for unacceptable conduct in the clinical milieu, criminal convictions, drug addiction, alcoholism, troubles of a physical or psychological nature incompatible with the practice of nursing, and for any other act derogatory to the dignity of the profession as outlined in the Professional code R.R.Q., 1981, c. I-8, r. 6, s. 2.01.

### 7.3.3 Academic Integrity

For information on academic integrity, see [section 3.1.8, “Academic Integrity”](#).

### 7.3.4 Academic Standing and Evaluation System

Academic standing matters are the jurisdiction of the Student Standing and Promotions Committee. This committee is composed of faculty and student representation and meets at least



three times a year to review the performance of all students in the School of Nursing.

The committee reviews the student record, professional conduct, and general performance and makes decisions on all matters relating to standing, promotion and graduation. The committee also receives and determines responses to requests for leave of absence, grants or denies permission to write deferred and/or supplemental examinations (in nursing and non-nursing courses), assesses that students have fulfilled the Registration with the Profession (Immatriculation or Licensing during the Course of Study) requirements of the Ordre des infirmières et infirmiers du Québec - OIIQ (Order of Nurses of Quebec) (section 7.3.2), assesses that students have fulfilled the Vaccination/Immunization requirements of the Faculty of Medicine, receives requests for reassessments and re-reads in examinations, and receives inquiries and/or complaints related to student conduct issues (as per McGill Handbook of Student Rights and Responsibilities, and/or Professional Code of Ethics of Nurses). The Committee refers any disciplinary issues to the Associate Dean and Director of the School of Nursing.

### Grading

A student is allowed to write a final examination in a course only after the course requirements have been fulfilled. Courses can be graded either by letter grades or in percentages, but the official grade in each course is the letter grade.

Grades	Grade Points	Numerical Scale of Marks
A	4.0	85 - 100%
A-	3.7	80 - 84%
B+	3.3	75 - 79%
B	3.0	70 - 74%
B-	2.7	65 - 69%
C+	2.3	60 - 64%
C	2.0	55 - 59%
<b>D*</b>	<b>1.0</b>	<b>50 - 54%</b>
F (Fail)	0	0 - 49%

\* *designated a failure.*

**For students in the B.Sc.(N.) and B.N. (Integrated) programs, a passing grade in all courses is a "C". Letter grades are assigned grade points according to the table shown above.**

A student's academic standing will be determined on the basis of a grade point average (GPA), which is computed by dividing the sum of the grade points accumulated by the total course credits attempted.

$$\text{GPA} = \frac{\sum (\text{course credit} \times \text{grade points})}{\sum (\text{GPA course credits})}$$

The term grade point average (TGPA) is the GPA for a given term calculated using all the applicable courses in that term. The cumulative grade point average (CGPA) is the grade point average calculated using the student's entire record in the program. **CGPA calculations will, therefore, include all passing grades, grades of D or F, grades from supplemental examinations, and grades from repeated courses.**

### OTHER LETTER GRADES

- P** – **Pass:** Pass/Fail grading is restricted to certain seminars and examinations only. In such cases all grades in these courses are recorded as either Pass or Fail. Not included in GPA calculations.
- J** – **Absent:** to be recorded for the student who did not write the final examination and had not been granted deferred status, or who did not complete an essential part of the course requirements without a valid reason. This is a failure and is calculated in the TGPA and CGPA as a failure. (Students may appeal the assignment of the grade of J, but circumstances such as appearing at the incorrect time for an examination would not be sufficient reason for this grade to be replaced by a deferral. Students who have earned sufficient marks to pass the course even though the final examination is not written, may opt to have their grade based on the record to date.)

- K** – **Incomplete:** deadline extended for submission of work in a course or for the completion of a program requirement. (maximum four months). (Note: this option is rarely used in the Undergraduate Nursing Program and can only be given after discussion with the Assistant Director of the respective program; if used, a 'K contract' must be signed.)
- KF** – **Incomplete/failed:** failed to meet the extended deadline for submission of work in a course or for the completion of a program requirement. This is a failure and is calculated in the TGPA and CGPA as a failure.
- L** – **Deferred:** for students whose final examinations or papers have been deferred, for reasons such as illness, at the time of the examination. The "L" grade must be cleared as soon as possible (maximum four months).

A medical certificate or appropriate document must be submitted to the Chair of the Student Standing and Promotions Committee of the School of Nursing **as per McGill University deadlines, Jan. 15 for Winter term and May 15 for Fall term following** the scheduled examination. In particular, such recommendations will not be considered if medical reasons are brought forth after a grade is assigned.

By commencing to write any examination, the student waives the right to plead medical causes for deferral or permission to write a supplemental examination, unless the medical problem occurs in the course of the examination and is documented by examination authorities.

- LE or L\*** – **Further deferral:** permitted to defer examination for more than the normal period.
- NA** – **Grade not yet available.**
- NR** – **No grade reported** by the instructor (recorded by the Registrar).
- W** – **Withdrew with approval.** A course dropped, with permission, after the change of course period. Not included in GPA calculations.
- WF** – **Withdrew failing:** i.e. a course dropped, with special permission in exceptional case, after faculty deadline for withdrawal from course, the student's performance in the course at that stage being on the level of an F; not included in GPA calculations.
- WL** – Withdraw from a deferred examination
- W-- or --** – **No grade.** Student withdrew from the University.

### S/US Satisfactory/Unsatisfactory

*In certain instances, students may designate elective courses to be graded under the Satisfactory/Unsatisfactory option. Only one course (3 credits) per term, to a maximum of 10% of a student's credits taken at McGill to fulfil the degree requirements, may be taken in this way. Grades will be reported in the normal fashion by the instructor and those of A through C will be converted to "Satisfactory" (S), and grades of D and F will become "Unsatisfactory" (U). The decision to have an elective course graded as Satisfactory/Unsatisfactory must be made by the student before the end of the Drop/Add period, and no change can be made thereafter. The courses taken under the Satisfactory/Unsatisfactory option will be excluded from the grade point average calculations, but they will be included in the number of credits attempted and completed.*

**The Satisfactory/Unsatisfactory option is not available for Required or Complementary Courses.**

**Note:** The S/US option **has very limited application** in the School of Nursing, students considering it should seek guidance from the Assistant Director of their respective program. To be considered for in-course awards and/or the renewal of entrance scholarships, students must complete at least 27 graded credits in the regular academic session exclusive of courses completed under the Satisfactory/Unsatisfactory option.

### Standing in Undergraduate Nursing Programs

#### Satisfactory Standing:

The student who has a Cumulative GPA of 2.0 and above, has received **no more than two** failures in the non-nursing courses of the program, has a Term GPA of 2.0 and above in each semester of the U2 and U3 B.Sc.(N.) program, and failed no more than four

credits in non-clinical nursing courses is considered in satisfactory standing. Freshman (U0) students who have a CGPA of 2.0 or above and have received no more than 2 failures in the U0 year are in satisfactory standing. Full-time students in satisfactory standing take between 12 and 18 credits per term.

#### Probationary Standing:

- Any student with a Cumulative GPA between 1.5 - 2.0 or who has not met the criteria of Satisfactory Standing and who has been allowed to continue in the program or repeat a year of the program.
- Any student who has exceeded the number of allowable supplemental examinations and has been given permission to stay in the program.
- Any student with a "WF" - *Withdrawn Failing* designation i.e., a course dropped, with special permission in exceptional case, after faculty deadline for withdrawal from course, the student's performance in the course at that stage being on the level of an "F".

A student in probationary standing must return to satisfactory standing at the end of the next academic year by completing the requirements set out by the Student Standing and Promotions Committee and obtaining a term GPA of 2.5 and a Cumulative GPA of 2.0 and above.

Students in probationary standing must carry a reduced load (maximum 14 credits per term) and follow the conditions set out in their letter. They must see their academic adviser to discuss course selection.

#### Clinic Alert:

Any student who obtains a grade of "C" or "C+" in a clinical course or whose pattern of performance during the clinical evaluation period indicates steady decline or whose conduct in the areas of professionalism or moral/ethical behaviour is a concern can be placed on Clinic Alert. The student is allowed to continue into the subsequent clinical course but must meet the criteria outlined in the learning plan that is established between the student and clinical course coordinator. Failure to meet the learning plan criteria results in a grade of "F".

#### Unsatisfactory Standing:

Any student who has a CGPA below 2.0, **or** a term GPA below 1.5 (or < 2.0 for U2 and U3 B.Sc.(N.) students), **or** a "D" or "F" in more than two non-nursing courses in the program **or** a "D" or "F" in more than four credits of nursing or has failed a clinical nursing course **or** who has failed a repeated professional course (NUR1) or required non-nursing course, is in unsatisfactory standing. Any U0 student who has obtained a "D" or an "F" in more than two courses or has a CGPA below 2.0 is in unsatisfactory standing.

\*Any student whose clinical performance is unsafe, and/or who has demonstrated unprofessional behaviour in class or clinical placements, and/or has violated the Code of Ethics for Nurses, and/or has violated the McGill University Code of Student Conduct (as outlined in the Handbook Students rights and responsibilities) and/or has engaged in criminal activity can be placed in Probationary or Unsatisfactory standing.

**Note:** Only under **exceptional** circumstances will a student be allowed to repeat a clinical nursing course. Permission for the exception can only be granted by the Student Standing and Promotions Committee.

#### Examinations

##### Supplemental Examinations (*Applications must be done through Minerva as per McGill Deadlines*)

Students who have failed in required examinations are permitted to write supplemental examinations only on the recommendation of the Student Standing and Promotions Committee.

Only under very special circumstances will a student be permitted to write more than two supplemental examinations throughout the program.

Students must have a CGPA of 2.2 or above in first year and 2.3 in subsequent years to be eligible for consideration for supplemental examinations.

#### Achievement Builders - Student Services

Any student who is experiencing difficulty in meeting course requirements should take advantage of the Achievement Builders Program offered through Student Services. Information is available at [www.mcgill.ca/firstyear/achievementbuilders](http://www.mcgill.ca/firstyear/achievementbuilders).

#### Deferred Examinations

An examination may be "deferred" for reasons of illness or family crisis **only** by permission of the Chair of the Student Standing and Promotions Committee. This verification (generally a medical certificate or appropriate document) must be supplied as soon as possible and **before January 15 for the Fall term and May 15 for the Winter term**.

**Note:** This stipulation refers to any course taken in the program of study i.e., nursing and non-nursing courses.

#### Reassessments and Re-reads

Papers and examinations are marked and grades calculated and handled with considerable care. However, if a student wishes the calculation of marks checked (reassessment) or a formal final examination reread, whether in a nursing course or in other university courses, he/she should initially contact the course Coordinator. Depending on the outcome, the student may apply in writing to the Student Standing and Promotions Committee for a formal re-read.

For clinical courses, any disagreement with a final failing grade, should be discussed with the course Coordinator. Depending on the outcome, the student may apply in writing to the Student Standing and Promotions Committee outlining their reasons for further consideration.

#### Procedures Governing Reassessment/Re-Reads

**Reassessment** is done free of charge. Computer marked examinations can be reassessed but not re-read. There is a fee for the **re-read** of a final examination or paper. Visit [www.mcgill.ca/student-accounts/fees/adminfees](http://www.mcgill.ca/student-accounts/fees/adminfees) for details. From this process the final mark for the course can be raised **or** lowered depending on the result.

Application Deadlines:

- March 31 for courses ending in the Fall term
- July 31 for courses ending in the Winter term
- August 31 for courses ending in May

Requests for reassessments or re-reads in more than one course per term are not permitted.

Reassessments or re-reads are not available for supplemental examinations.

#### Appeals

For appeals of decisions made by the Student Standing and Promotions Committee, the student makes a written appeal to the Student Standing and Promotions Committee stating the reason for the appeal. Further appeal of Student Standing and Promotions Committee decisions is then directed to the Associate Dean and Director of the School of Nursing.

### 7.3.5 Requirements for Licensure (Entry into the Profession)

For licensing as a registered Nurse in the Province of Quebec, requests must be addressed to the Order of Nurses of Quebec (OIIQ) (Ordre des infirmières et infirmiers du Québec)  
4200, boulevard Dorchester Ouest  
Montreal, Quebec H3Z 1V4  
Telephone: (514) 935-2505; Toll Free: 1 (800) 363-6048  
E-mail: [inf@oiiq.org](mailto:inf@oiiq.org)  
Website: [www.oiiq.org](http://www.oiiq.org)

The Order of Nurses of Quebec administers the professional examination for graduates planning to work in Quebec; graduates from the School of Nursing who completed high school before 1986 from an English Quebec high school or from an English high school outside of Quebec, **MUST** pass a French Language Proficiency Licensure Examination administered by the Office



Québécois de la Langue Française, in accordance with Article 35 of the Charter of the French Language. Students who obtained their Quebec high school diplomas after 1986 or who studied at least three years full time in French at the secondary or post-secondary level are **not required** to write the French language examination. Information about the examination can be obtained at [www.oqlf.gouv.qc.ca](http://www.oqlf.gouv.qc.ca).

Students are eligible to write the French Language Proficiency test in the last two years preceding completion of their degree in Nursing.

For students wishing to be licensed in provinces outside Quebec or in other countries, consult the licensing body of that site. Generally, licensure is required in the jurisdiction in which the nursing program is completed. Once this has been received, reciprocal arrangements for licensure in other jurisdictions may be made. Graduates may have to write more than one licensure examination. Therefore, it is recommended that graduates contact the jurisdiction in which they plan to practice nursing early in the program. Currently, the College of Nurses of Ontario and the Ordre des infirmières et infirmiers du Québec mutually recognize their respective licensing examinations. As these agreements can change from year to year, students are encouraged to contact the licensing body directly.

International students are strongly urged to contact the licensing body of the country in which they intend to practice as early as possible in order to have complete information on the requirements for license.

## 7.4 Undergraduate Courses

Students preparing to register should consult the Web at [www.mcgill.ca/minerva](http://www.mcgill.ca/minerva) (click "Class Schedule") for the most up-to-date list of courses available; courses may have been added, rescheduled or cancelled after this Calendar went to press. "Class Schedule" lists courses by term and includes days, times, locations, and names of instructors.

The course credit weight is given in parentheses after the title.

**Note:** Registration for the two following HSEL courses will be wait listed.

**HSEL 309 WOMEN'S REPRODUCTIVE HEALTH.** (3) (Winter) (Prerequisite: Introductory Psychology or Sociology or permission of the instructor) (Restriction: not open for credit to students who have taken HSEL 308 prior to September 1997) (Complementary course for the Women's Studies and Social Studies of Medicine Concentrations) Concepts of health and medicalization. Canadian and international perspectives. Topics include contraception, abortion, infertility, menstruation, menopause, new reproductive technologies, prenatal care, childbirth. Additional topics vary by year. A Health Science elective open to students in the Faculties of Arts, Science, and Medicine.

**NUR1 200 BIOLOGY FOR ILLNESS & THERAPY.** (4) (Prerequisite: CHEM 212 or CHEM 232 or equivalent.) A biological base for pharmacology and pathology. Topics include: cell types, structure and function. Movement across cell membranes, cell movement, transportation, and intercellular communication. Cell life-cycle, normal, abnormal cell growth, repair, and death. Cell metabolism, energy production, storage, release, vitamins, enzymes, DNA structure, nucleic acid replication, transcription and translation.

**NUR1 219 TRANSITION TO THE MCGILL MODEL.** (1) This course introduces students to the McGill Model of Nursing.

**NUR1 220 THERAPEUTIC RELATIONSHIPS.** (3) (Prerequisite or Corequisite: NUR1 222.) The course introduces the principles, theories, and basic skills of a collaborative relationship with individuals and families. Students will learn about the phases of the relationship (i.e., engagement, working, and termination) and the clinical skills involved in establishing, maintaining, and terminating a relationship in promoting health.

**NUR1 221 FAMILIES AND HEALTH BEHAVIOUR.** (3) This course introduces theoretical perspectives of family, and the role of the

family in health and illness. Characteristics of healthy families, family environments that promote health, family influences on health practices, and family roles during illness are examined. Students will be introduced to family assessment tools and nursing research.

**NUR1 222 MCGILL MODEL OF NURSING.** (1) This introductory course provides an overview of the history and the philosophical and theoretical tenets underlying the core concepts of the Model. Students are introduced to McGill's perspective on health, family, learning, and collaborative nursing through a study of selected theoretical and research papers.

**NUR1 223 DEVELOPMENT OVER THE LIFESPAN.** (3) Study of biological, psychological, and social perspectives of human development from infancy through old age within an ecological framework. Developmental processes of learning, coping, and social relationships will be linked to biological development and be discussed as major determinants of health.

**NUR1 233 PROMOTING YOUNG FAMILY DEVELOPMENT.** (4) (Prerequisites or Corequisites: NUR1 220, NUR1 221, NUR1 222, NUR1 223.) This clinical course focuses on identifying indicators of healthy development in individuals and families during two phases of development, the birth of a baby and the young preschooler. Students will develop skill in the assessment of these individuals and families and explore nursing approaches that promote their health.

**NUR1 234 NURSING ELDERLY FAMILIES.** (3) (Prerequisites or Corequisites: NUR1 220 and NUR1 222.) A clinical course providing basic knowledge and skills in promoting and maintaining biological, psychological, and social processes of health in the aged. Students will acquire skill in gerontological nursing assessment and intervention with the elderly living in the community.

**NUR1 235 HEALTH AND PHYSICAL ASSESSMENT.** (4) (Prerequisite: NUR1 220.) This course will develop basic knowledge and skills required to do a health history and to carry out basic physical assessment in infants, children, and adults.

**NUR1 239 HEALTH & PHYSICAL ASSESSMENT 2.** (2) (Prerequisite or Corequisite: PHGY 210.) (College introduction to health and physical assessment.) An integrated approach to physical assessment and a comprehensive health assessment for the purpose of primary care screening and triage.

**NUR1 266 HEALTH ASSESSMENT IN EMERGENCY.** (3) (Restriction: Limited to registered nurses with a DEC or a Bachelor degree in Nursing and to students in nursing programs at McGill.) Basic and emergency health and physical assessment of children, adults and the elderly.

**NUR1 311 INFECTION PREVENTION AND CONTROL.** (3) (Prerequisite: NUR1 200) Principles of microbiology and their application to clinical practice in acute and community care settings. Laboratory diagnostics, infectious diseases, and infection prevention and control principles and activities are covered.

**NUR1 319 STRESS & ILLNESS MANAGEMENT.** (3) (Corequisites: NUR1 219, PHGY 201.) The psychological, behavioural and biological responses to stress and acute illness and the interrelationship between personal and contextual resources in determining health outcomes.

**NUR1 321 ACUTE STRESSORS AND COPING.** (2) Physiological, psychological, and social perspectives are used to examine stress associated with illness, injury, and developmental events. Theories of stress and coping are examined; research findings highlighting the links between stressors, coping responses and health outcomes in individuals and families are reviewed.

**NUR1 322 CHRONIC ILLNESS AND PALLIATIVE CARE.** (3) (Prerequisite: NUR1 331 or NUR1 319.) The biological, psychological and social factors which influence living with chronic illness are examined. Empirical findings linking different chronic stressors to coping responses and to health outcomes are reviewed. Issues in palliative care, the care of the dying, and the nature of bereavement are reviewed.

**NUR1 323 ILLNESS MANAGEMENT 1.** (3) (Corequisite: NUR1 331.) The focus of this course is the medical, surgical and nursing management of the major illnesses in adults and children. Topics will include diagnostic tests, drug therapies, dietary management, exercise, relaxation techniques, pain management approaches, patient education, and strategies for maintaining physical and emotional well-being.

**NUR1 324 ILLNESS MANAGEMENT 2.** (3) (Prerequisite: NUR1 323 or NUR1 319.) (Note: Continuation of NUR1 323.) This course will focus on the medical, surgical and nursing and nursing management of the major illnesses in adults and children. Topics will include diagnostic tests, drug therapies, dietary management, exercise, relaxation techniques, pain management approaches, patient education, and strategies for maintaining physical health and emotional well-being.

**NUR1 328 LEARNING AND HEALTH EDUCATION.** (3) This course examines how cognitive, behaviorist, and social learning theories may be used to enhance individual and family health behaviors, coping and development. Topics include: learning theories; principles of teaching and learning, support groups, issues around clients' use of information technology for health information.

**NUR1 331 NURSING IN ILLNESS 1.** (4) (Prerequisite: NUR1 235; Pre-/co-requisite: NUR1 321, NUR1 323 or permission of the instructor.) This clinical course integrates knowledge of normal physiological and psychological processes, disease and illness management in the assessment and care of the acutely ill. Students will develop interventions that conserve patient energy, alleviate physical and emotional pain, promote healing, and help families cope and deal with the health care system.

**NUR1 332 NURSING IN ILLNESS 2.** (4) (Pre-/co-requisite: NUR1 235, NUR1 322, NUR1 331 or permission of the instructor.) This clinical course integrates knowledge related to individuals and families coping with acute, chronic and terminal illnesses, and illness management in nursing practice. Assessment skills will focus on changes in physiological functioning, emotions, behavior, and family processes.

**NUR1 333 NURSING IN ILLNESS 3.** (4) (Prerequisite: NUR1 332) Focus is on the integration of knowledge and skills acquired over the first two years of the program. Students and faculty will jointly determine the student's clinical placement on the basis of the student's learning needs and their previous clinical experiences.

**NUR1 349 EMERGENCY CLINICAL INTEGRATION.** (3) (Prerequisite: NUR1 266 or permission of the instructor; NUR1 367 and NUR1 368.) (Restriction: Limited to registered nurses with a DEC or a Bachelor degree in Nursing and to students in nursing programs at McGill.) Clinical integration of the theory, knowledge, and experiences relevant to emergency nursing.

**NUR1 367 EMERGENCY NURSING DYNAMICS 1.** (3) (Restriction: Limited to registered nurses with a DEC or a Bachelor degree in Nursing and to students in nursing programs at McGill.) Analysis of and responses to adult and paediatric emergency situations involving the respiratory, cardiovascular, and neurological systems and shock/trauma.

**NUR1 368 EMERGENCY NURSING DYNAMICS 2.** (3) (Restriction: Limited to registered nurses with a DEC or a Bachelor degree in Nursing and to students in nursing programs at McGill.) Analysis of and responses to paediatric and adult emergency situations in oncology, obstetrics/gynaecology, endocrine disorders, pain management, psychiatric and social problems.

**NUR1 420 PRIMARY HEALTH CARE.** (3) (Corequisite: NUR1 431.) Principles of accessibility, public participation, intersectorial and interdisciplinary collaboration, appropriate technology, and health promotion and illness prevention are discussed in relation to the planning and delivery of local, regional, and international health delivery systems. Topics include the infrastructure that supports health, and socio-economic, political and cultural contexts of health.

**NUR1 421 RESOURCES: SPECIAL POPULATIONS.** (3) (Prerequisite: NUR1 420, NUR1 431.) (Corequisite: NUR1 432.) The concept of

social support is explored and links between social networks and health are examined. Groups at health risk including the homeless, poor, and new immigrants are identified. Types and functions of community groups available as social resources for these groups will be discussed.

**NUR1 422 RESEARCH IN NURSING.** (3) Quantitative and qualitative approaches to nursing research and guidance to effectively critique research and apply the results to clinical practice, including: formulating a research question, research design issues, strategies for data collection and analysis, appraisal and utilization of nursing research.

**NUR1 424 LEGAL AND ETHICAL ISSUES: NURSING.** (3) (Prerequisite: NUR1 333.) This course covers ethical and legal aspects related to caring for patients and their families, and principles in ethical decision-making. Issues of professional accountability, liability, and advocacy are addressed in such contexts as withholding treatment, organ harvesting, abortion, involuntary commitment, etc.

**NUR1 431 COMMUNITY NURSING 1.** (4) (Prerequisite: NUR1 331 for B.N. (Integrated) students; NUR1 333 for B.Sc.(N.) students.) (Corequisite: NUR1 420.) In this clinical course students will apply their knowledge and increase their skills in assisting families and special groups in the community to deal more effectively with normal developmental events, on going social problems and illness or other crisis events.

**NUR1 432 COMMUNITY NURSING 2.** (4) (Prerequisite: NUR1 431, NUR1 328.) (Corequisite: NUR1 421.) In this clinical course students will apply their knowledge and increase their skills in assisting families and special groups in the community to deal more effectively with normal developmental events, on going social problems and illness or other crisis events.

**NUR1 530 CLINICAL INTERNSHIP.** (5) (Prerequisite: NUR1 432.) (Restriction: Only B.Sc.(N.) Program) This clinical nursing experience offers students an opportunity to consolidate their knowledge and assessment skills in either community nursing or critical care.

#### 7.4.1 Note to All Students

It is expected that students will attend designated School of Nursing conferences such as 'Nursing Explorations'. A student fee applies.



# 8 School of Physical and Occupational Therapy

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## 8.1 The School

### 8.1.1 Location

School of Physical and Occupational Therapy  
 Davis House  
 3654 Promenade Sir-William-Osler  
 Montreal, QC H3G 1Y5

### 8.1.2 Administrative Officers

Richard I. Levin; B.Sc.(Yale), M.D.(NYU)  
**Vice-Principal (Health Affairs) and Dean of the Faculty of Medicine**

Maureen J. Simmonds; Dip. P.T.(Wolverhampton),  
 B.Sc.(P.T.), M.Sc.(P.T.), Ph.D.(Alta.)  
**Director**

Adriana Venturini; B.Sc.(P.T.), M.Sc.(McG.)  
**Interim Academic Director, Physical Therapy**

Sandra Everitt; B.Sc.(O.T.), M.A.(McG.)  
**Academic Director, Occupational Therapy**

Susan J. Bartlett; B.Sc.(C'dia), M.Ed.(McG.), Ph.D.(Syr.)  
**Academic Director, Graduate Program**

Hélène Marion  
**Financial and Budget Officer**

Manon Trudeau  
**Administrative Officer**

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### 8.1.3 Staff of the School

*Professors*

Hugues Barbeau; B.Sc.(P.T.), M.Sc., Ph.D.(Laval)  
 Robert Dykes; B.A.(Calif.-LA), Ph.D.(Johns H.)  
 Erika Gisel; B.A.(Zur.), B.S.O.T., M.S., Ph.D.(Temple)  
 Annette Majnemer; B.Sc.(O.T.), M.Sc., Ph.D.(McG.)  
 Maureen J. Simmonds; Dip. P.T.(Wolverhampton),  
 B.Sc.(P.T.), M.Sc.(P.T.), Ph.D.(Alta.)  
 Sharon Wood-Dauphinee; B.Sc.(P.T.), Dip.Ed., M.Sc.A.,  
 Ph.D.(McG.)

*Associate Professors*

Susan J. Bartlett; B.Sc.(C'dia), M.Ed.(McG.), Ph.D.(Syr.)  
 Joyce Fung; B.Sc.(P.T.)(Hong Kong Polytech. U),  
 Ph.D.(McG.)  
 Isabelle Gélinas; B.Sc.(O.T.)(Montr.), M.Sc.(Virg.),  
 Ph.D.(Rehab.Sc.)(McG.)

Eva Kehayia; B.A., M.A., Ph.D.(McG.)  
 Nicol Korner-Bitensky; B.Sc.(O.T.), M.Sc., Ph.D.(McG.)  
 Mindy Levin; B.Sc.(P.T.), M.Sc., Ph.D.(McG.)  
 Nancy Mayo; B.Sc.(P.T.)(Qu.), M.Sc., Ph.D.(McG.)  
 Patricia McKinley; B.A., M.A., Ph.D.(Calif.-LA)  
 Laurie Snider; B.Sc.(O.T.)(McG.), M.A.(Br. Col.), Ph.D.(Tor.)  
 Diane St. Pierre; B.Sc.(P.T.)(McG.), M.Sc., Ph.D.(Montr.)

#### *Assistant Professors*

Sara Ahmed; B.Sc.(P.T.), M.Sc., Ph.D.(McG.)  
 Philippe Archambault; B.Sc.(O.T.)(McG.), M.Sc.A., Ph.D.(Montr.)  
 Sophie De Serres; B.Eng., M.Eng.(Ecole Polytech.), Ph.D.(Alta.)  
 Sandra Everitt; B.Sc.(O.T.), M.A.(McG.)  
 Isabelle Gagnon; B.Sc.(P.T.)(McG.), M.Sc., Ph.D.(Montr.)  
 Anouk Lamontagne; B.Sc., M.Sc., Ph.D.(Laval)  
 Catherine Limperopoulos; B.Sc.(O.T.), M.Sc., Ph.D.(McG.)  
 Barbara Mazer; B.Sc.(O.T.)(Qu.), M.Sc., Ph.D.(McG.)  
 Bernadette Nedelec; B.Sc.(O.T.), Ph.D.(Alta.)  
 Jadranka Spahija; B.Sc.(P.T.), Ph.D.(McG.)

#### *Faculty Lecturers*

Liliane Asseraf-Pasin; B.Sc.(P.T.)(McG.)  
 Isabel Audette; B.Sc.(P.T.)(McG.)  
 Mary-Ann Dalzell; B.Sc.(P.T.), M.Sc.A.(McG.)  
 Julie Fattal; B.Sc.(O.T.)(McG.)  
 Nancy Forget; B.Sc.(O.T.)(McG.), M.Sc.(Montr.)  
 Amelia Gaglietta; B.Sc.(P.T.)(McG.)  
 Marie Claire Gaudet; B.Sc.(P.T.), M.Sc.(Montr.)  
 Heather Lambert; B.Sc.(O.T.)(McG.), M.Sc.(McG.), Ph.D.(McG.)  
 Susanne Mak; B.Sc.(O.T.), M.Sc.(McG.)  
 Cynthia Perlman; B.Sc.(O.T.), M.Sc.(McG.)  
 Suzanne Rouleau; B.Sc.(O.T.)(Laval), M.Sc.(Montr.)  
 Caroline Storr; B.Sc.(O.T.), M.B.A.(C'dia)  
 Beverlea Tallant; Dip. P.&O.T.(Tor.), B.Sc.(O.T.)(McG.), M.A.,  
 Ph.D.(C'dia)  
 Alik Thomas; B.Sc.(O.T.), M.Ed.(McG.)  
 Adriana Venturini; B.Sc.(P.T.), M.Sc.(McG.)  
 Hiba Zafran; B.Sc., B.Sc.(O.T.), M.Sc.(McG.)

#### *Professional Associates*

Samuel Benamron; B.Sc.(O.T.)(McG.)  
 Claude Bougie; B.Sc.(O.T.)(Montr.)  
 Mireille Boulos; B.Sc.(O.T.)(McG.)  
 Clara I. Carpintero; B.A.(O.T.)(Bogota), B.Sc.(O.T.)(Bogota),  
 M.Ed.(McG.)  
 Lynne F. Dawson; B.Sc.(P.T.)(McG.)  
 Caroline Lacroix; B.Sc.(O.T.)(McG.)  
 Jessica K. Lam; B.Sc.(O.T.)(McG.)  
 Kim Loo; B.Sc.(O.T.)(Ott.)  
 Masoud Mehrzad; B.Sc.(O.T.)(Tehran), (MHA)(Montr.)  
 Rochelle W. Rein; B.Sc.(P.T.)(McG.)  
 Maria Stathatos; B.Sc.(P.T.)(McG.)  
 Carole St. Pierre; B.Sc.(O.T.)(McG.)  
 Henry H. Tsang; B.Sc.(P.T.)(McG.), M.Sc.(McG.)  
 Peter Vavougiou; B.Sc.(P.T.)(McG.)  
 Jo Veneziano; B.Sc.(P.T.)(McG.)

#### *Associate Members*

D. Da Costa; B.A., M.A., Ph.D.(C'dia)  
 S.G. Gauthier; B.A., M.D.(Montr.), F.R.C.P.(C), Director, Centre  
 for Studies in Aging, Dept. of Neurology and Neurosurgery,  
 Dept. of Psychiatry, Dept. of Medicine  
 J.A. Hanley; B.Sc., M.Sc.(NUJ), Ph.D.(Wat.)  
 D. Pearsall; B.A., B.PHE., M.S., Ph.D.(Qu.)  
 H. Perrault; B.Sc.(C'dia), M.Sc., Ph.D.(Montr.)  
 M. Shevall; B.Sc., M.D., C.M.(McG.)  
 M. Sullivan; B.A., M.A., Ph.D.(C'dia)  
 D. Watt; B.Sc., M.Sc., M.D., C.M.(McG.)

#### *Members*

André Ibgby; B.Arch.(Br. Col.), B.A.(McG.)  
 Ghislaine Prata; B.Sc.(O.T.), M.Sc. (Montr.)

#### *Adjunct Professors*

M. Bélanger; B.Sc., M.Sc.(Wat.), Ph.D.(Montr.)  
 C. Lau; B.A.(Calif., Berk.), Ph.D.(Ill.-Medical Center)

A. Leroux; B.Sc., M.Sc.(UQAM), Ph.D.(McG.)  
 P. Weiss; B.Sc.(O.T.)(W. Ont.), M.Sc.(Wat.), Ph.D.(McG.)

## 8.1.4 History of the School

In response to the marked need for rehabilitation specialists in Canada at the time of the Second World War, the School of Physiotherapy was started at McGill University in 1943. It was the first Canadian School to be under the aegis of a Faculty of Medicine. Initially the School offered a two-year program in physiotherapy plus internship, upgraded to a three-year program in 1947.

In 1950, Occupational Therapy was introduced in a three-year combined Physical and Occupational Therapy diploma program, followed by two months of internship in each profession. The School was given its present name the following year. In 1954, McGill introduced Canada's first B.Sc. program in Physical and Occupational Therapy, together with separate diploma programs in Physical Therapy and in Occupational Therapy.

Due to the advancement of science and technology and to the increasing emphasis on health care needs of society, the programs have evolved, integrating a greater academic and scientific base over the ensuing decades. Thus the diploma programs were phased out, allowing for the creation of the B.Sc. degree in Physical Therapy in 1969, and the B.Sc. degree in Occupational Therapy in 1971. As of 2008, the School offers Master level degrees for entry into professional practice. Students can complete the McGill B.Sc. (OT) or the B.Sc. (PT) non-practicing degree and then proceed to the entry level professional Masters in the same discipline, or can enter the Masters program through a qualifying year. At the graduate level, an M.Sc.A. program in Health Science (Rehabilitation) was initiated in 1972 and formally approved in 1976. To provide the foundation for the development of a doctorate degree, it was changed from an applied to a thesis degree in 1982. The School now offers two non-professional M.Sc. programs (thesis and non-thesis) in Rehabilitation Science and, since 1988, a Ph.D. program in Rehabilitation Science, the first of its kind in Canada.

## 8.1.5 List of Programs

\*Bachelor of Science (Occupational Therapy), B.Sc.(Occ.Ther.)  
 Bachelor of Science (Occupational Therapy) (non-practicing),  
 B.Sc.(Occ.Ther.) (non-practicing)  
 \*Bachelor of Science (Physical Therapy), B.Sc.(Phys.Ther.)  
 Bachelor of Science (Physical Therapy) (non-practicing),  
 B.Sc.(Phys.Ther.) (non-practicing)  
 Graduate Certificate in Assessing Driving Capabilities  
 M.Sc.A. (Occupational Therapy)  
 M.Sc.A. (Physical Therapy)  
 M.Sc. (Non-Thesis) in Rehabilitation Science  
 M.Sc. in Rehabilitation Science  
 Ph.D. in Rehabilitation Science

\* *There are no new admissions to these programs.*

## 8.2 Programs and Admission Information

### 8.2.1 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 elderly. 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.



## 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 (*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 multi-disciplinary team through patient evaluation, treatment planning and delivery, education, research and consultation in clinics, industry and the community.

### 8.2.2 Professional Undergraduate Programs Offered

#### Bachelor of Science (Occupational Therapy), B.Sc.(Occ.Ther.)

Students admitted in September 2005 will continue in this program.

#### Bachelor of Science (Physical Therapy), B.Sc.(Phys.Ther.)

Students admitted in September 2005 will continue in this program.

#### Bachelor of Science (Occupational Therapy) (non-practicing), B.Sc.(Occ. Ther.) (non-practicing)

This is a 90 credit degree which provides access to the 58 credit Master of Science, Applied Degree in Occupational Therapy. This program provides the student with 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.

#### Bachelor of Science (Physical Therapy) (non-practicing), B.Sc.(Phys. Ther.) (non-practicing)

This is a 90 credit degree which provides access to the 58 credit Master of Science, Applied Degree in Physical Therapy. This program provides the student with a basic health sciences foundation and undergraduate level courses specific to the practice of Physical Therapy. The Physical Therapy curriculum emphasizes clinical reasoning, diagnostics, evidence-based practice, community rehabilitation, teamwork and professionalism as essential components for the development of a humanistic, ethical, knowledgeable, competent critical thinking and problem-solving physical therapist.

### 8.2.3 Requirements for Admission

Students are admitted to a 90-credit pre-professional bachelor's (non-practicing) degree in Physical Therapy or in Occupational Therapy. The undergraduate degrees are designed to lead to a Master of Science, Applied in the same discipline, i.e., Master of Science, Applied in Physical Therapy or Master of Science, Applied in Occupational Therapy.

Entry requirements for CEGEP students remain unchanged. All entrance requirements for 2009-2010 will be available on the Web at [www.mcgill.ca/applying](http://www.mcgill.ca/applying) in the Fall. Information will also be available at Enrolment Services, James Administration Building, 845 Sherbrooke Street W., Montreal, QC H3A 2T5. Tel.: (514) 398-3910. E-mail: [admissions@mcgill.ca](mailto:admissions@mcgill.ca), as well as from the School of Physical and Occupational Therapy.

Students who are required to withdraw from either the occupational therapy or physical therapy programs will not be re-admitted to either program.

#### 8.2.3.1 Admission Requirements for Undergraduate Programs

**All Applicants** must complete at least 50 hours of volunteer or paid work in a health care facility or other appropriate rehabilitation environment. A letter (or letters) of reference to attest to the service must be submitted prior to August 1 of the entering year. Applicants are required to be in direct contact with a physical or occupational therapist, and it is preferable to be involved with a physical therapy or occupational therapy department during their volunteer or paid experience.

**Quebec applicants** who have obtained a CEGEP Diploma of Collegial Studies are expected to have taken the following prerequisite courses: Biology - 00UK, 00XU; Chemistry - 00UL, 00UM, 00XV; Mathematics - 00UN, 00UP; Physics - 00UR, 00US, 00UT.

**Applicants who have completed a minimum of one year of college/university studies (or equivalent)** are expected to have taken the following university/college-level courses: two terms of biology with labs; two terms of general chemistry with labs; one term of organic chemistry with lab; two terms of physics (mechanics, electricity and magnetism, waves and optics) with labs; one term of differential calculus; and one term of integral calculus.

**Applicants from the United Kingdom and Commonwealth countries** must have completed two A-Level subjects with final grades of B or better, and two A-Level subject with a final grade of C or better. A-Level subjects must include Biology, Chemistry, Mathematics and Physics.

**Applicants with a French Baccalaureate** must have completed Series S, with a minimum overall average 12/20 and a minimum of 10/20 in each mathematics, biological and physical sciences course. Applicants may be required to complete additional courses in organic chemistry prior to admission.

**Applicants with an International Baccalaureate** must have completed biology, chemistry, mathematics, and physics at Higher Level. Calculus II and one semester of college/university level organic chemistry.

#### McGill Inter-faculty Transfer

**Note:** McGill students who have completed fewer than 24 credits or who will have completed an undergraduate degree by August 1<sup>st</sup> of the entering year ([www.mcgill.ca/applying](http://www.mcgill.ca/applying)) cannot apply as a transfer and must apply directly to Enrolment Services, James Administration Building.

McGill students applying for an inter-faculty transfer to the non-practicing undergraduate degree in occupational therapy or physical therapy must have completed a minimum of two terms of study (24 credits) at McGill, taken all the prerequisite courses: two terms of biology with labs; two terms of general chemistry with labs; one term of organic chemistry with labs; two terms of physics with labs (including mechanics, electricity and magnetism, waves, optics at the university level) or three terms of physics at the CEGEP level; and two terms of calculus (differential and integral); and have satisfied the paid/volunteer experience described above by June 1<sup>st</sup> of the entering year.

High school graduates from outside Quebec who have been accepted into a 120-credit Science program who wish to transfer into the undergraduate programs in the Physical or Occupational Therapy non-practicing degrees must have taken the McGill courses listed below to be eligible to apply to transfer into Physical or Occupational Therapy.

**McGill Science Prerequisite Courses – McGill Inter-faculty Transfer***Fall Term*

BIOL 111	(3)	Principles: Organismal Biology with lab
CHEM 110	(4)	General Chemistry 1 with lab
MATH 140	(3)	Calculus 1
PHYS 101	(4)	Introductory Physics – Mechanics with lab
or PHYS 131	(4)	Mechanics and Waves with lab

*Winter Term*

BIOL 112	(3)	Cell and Molecular Biology with lab
CHEM 120	(4)	General Chemistry 2 with lab
CHEM 212*	(4)	Introductory Organic Chemistry 1 with lab
MATH 141	(4)	Calculus 2
PHYS 102	(4)	Introductory Physics – Electromagnetism with lab
or PHYS 142	(4)	Electromagnetism and Optics with lab

\* Alternatively, this course can be taken intensively in the summer term in the month of May, the recommended option. It can only be taken in the Winter term by students who have a Fall term overall average of B+.

Students applying for an inter-faculty transfer into the Bachelor of Science programs offered at the School of Physical and Occupational Therapy must apply directly to the School of Physical and Occupational Therapy. Application forms are available from the School at the beginning of February of the year applying. The completed application forms must be received by the School no later than June 1<sup>st</sup> of the entering year. In addition to the information required in the application package, students must complete an inter-faculty transfer form available on Minerva. Please refer to [www.mcgill.ca/student-records/dates/transfer](http://www.mcgill.ca/student-records/dates/transfer) or [section 3.3.8 "Inter-Faculty Transfer"](#) for details.

**8.2.3.2 Admission Requirements for Qualifying Year - Master of Science Applied, Occupational Therapy or the Master of Science Applied, Physical Therapy**

Students wishing to enter the qualifying year of the new Master of Science Applied, Occupational Therapy degree or the Master of Science Applied, Physical Therapy degree must consult the 2008-2009 Graduate and Postdoctoral Studies Calendar and the School's Website [www.mcgill.ca/spot/professional-masters](http://www.mcgill.ca/spot/professional-masters).

**8.3 General Information****8.3.1 Student Advising**

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

**Your adviser**

- is a faculty member with whom you can build a relationship to counsel you throughout the program;
- can guide you with both academic and non-academic concerns;
- is the person in the School with whom you can discuss any matter and to whom you may go for advice;
- will provide ongoing advice and guidance on the program;

- will assist you with workload management;
- will assist you with guidance regarding career options or considerations;
- will offer help managing academic situations during periods of personal, financial, or medical problems, by working with students to identify various possibilities and strategies for making informed decisions;
- will communicate with other advisers within the University and, with a student's permission, serve as a direct link to other University resources.

**Related Services**

The **First-Year Office (FYO)** (Brown Student Services Building; [firstyear@mcgill.ca](mailto:firstyear@mcgill.ca)) can help new students navigate their way through the Undergraduate Course Calendar and the information contained in the *Welcome to McGill* book. They will help students prepare for the course registration period when the Minerva registration system opens for newly admitted students. To maximize this help, it is strongly recommended that students first read the sections in the *Welcome to McGill* book specific to their faculty. The FYO staff are always available to provide advice and referrals to the many support mechanisms at McGill.

**Student Services Counselling Service** (Brown Student Services Building; [counselling.service@mcgill.ca](mailto:counselling.service@mcgill.ca)) has professional counsellors who are available to discuss personal, academic and career goals or problems. They can provide individual or group study skills sessions or guide students through financial, or other, crises by means of interventions or referrals.

**Career and Placement Service** (Brown Student Services Building; [careers.caps@mcgill.ca](mailto:careers.caps@mcgill.ca)) provides career education, guidance, and individual advising to students in their search for permanent, part-time, or summer jobs and internships.

**8.3.2 Language Policy**

The language of instruction at McGill is English. Every student has a right to write term papers, examinations and theses in English or in French except in courses where knowledge of a language is one of the objectives of the course.

Students should be aware that most of the clinical affiliation placements undertaken in the province of Quebec, including those in Greater Montreal, require proficiency in both English and French.

It is recommended that students who lack proficiency in English or French avail themselves of the opportunity to take an intensive English or French as a second language course, prior to, or early in, their program of studies. Information concerning second language course offerings can be found in the Faculty of Arts section of the Undergraduate Programs Calendar and in the Summer Studies and Continuing Education Calendars. Working knowledge of both languages is important for students who will be undertaking clinical affiliations throughout the province.

**8.3.3 Vaccination**

Students in all health care programs must comply with the [section 3.1.11 "Vaccination/Immunization Requirements"](#). A COMPULSORY Immunization program exists at McGill for students in the Health Sciences Programs. New students must start the immunization process as soon as they are accepted at McGill and must complete it well before they are permitted contact with patients. Entry into the McGill University Teaching Hospitals may be delayed if immunizations are incomplete. Proof of immunity must be written and signed by either a nurse or a physician. Further information is available from the Student Health Service, (514) 398-6017. There are no exceptions to these requirements. Students who do not meet these requirements will be asked to withdraw.

### 8.3.4 Clinical Placements and CPR Requirements

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 possibility in planning for their funding for degree completion.

Valid CPR certification level "C" (which includes adults and children's reanimation) is required prior to going into any of the clinical affiliation placements. This certification must be maintained throughout the program.

All the clinical affiliation hours required to comply with the standards necessary for membership in both the national and provincial associations for each profession are included within the program. This standard is compatible with the licensing requirements in provinces where legislation is in force. Students registered in the program prior to 1995 were required to complete further clinical practice in accredited occupational or physical therapy departments.

### 8.3.5 Prizes, Awards and Loans for Continuing Students

#### Undergraduate Prizes and Awards

**CANADIAN PHYSIOTHERAPY ASSOCIATION AWARD**, presented to the student with the highest standing throughout the B.Sc.(Phys. Ther.) program.

**CANADIAN PHYSIOTHERAPY CARDIO-RESPIRATORY SOCIETY (CPCRS) STUDENT EXCELLENCE AWARD**, presented to the graduating student who has demonstrated excellence in the area of cardio-respiratory physiotherapy.

**CAROL RUTENBERG-SILVER MEMORIAL AWARD**, established by the family in memory of Carol Rutenberg-Silver, a Physical Therapy graduate of 1958. Awarded annually to the student with the highest standing in the final year of the B.Sc.(Phys. Ther.) program.

**CANADIAN ASSOCIATION OF OCCUPATIONAL THERAPISTS' AWARD**, presented to the student with the highest standing throughout the B.Sc.(Occ. Ther.) program.

**CLINICAL PRIZE OF EXCELLENCE**, awarded by l'Ordre des physiothérapeutes du Québec to the student demonstrating exceptional overall performance in attaining the objectives of the clinical placements throughout the B.Sc.(Phys. Ther.) program.

**HELEN M. GAULT AWARDS**, presented to a graduating student in Occupational Therapy and a graduating student in Physical Therapy who have demonstrated the most outstanding qualities of leadership, scholarship and professionalism throughout their undergraduate program.

**MCGILL ALUMNAE SOCIETY PRIZE**, presented upon graduation to a distinguished student for excellence and high academic standing. Preference given to women students. Value: \$150.

**PATRICIA ANN MACDONALD WELLS VAN DAELE MEMORIAL AWARD** established in 2003 by family, friends and colleagues of Patricia Ann MacDonald Wells Van Daele as well as graduates of the School of Physical and Occupational Therapy. Awarded by the School of Physical and Occupational Therapy to students enrolled in the School's professional programs or to post-baccalaureate physical and occupational therapists registered in the Master's programs in Rehabilitation Science, in recognition of an outstanding clinical, community-based, or research project related to the aging population and/or clinical education. Value: minimum \$500.

**SANDRA PERLMAN MEMORIAL PRIZE**, established in memory of Sandra Perlman, a graduate of the School of Physical and Occupational Therapy, P.T. class of 1958, and B.Sc.(Phys. Ther.) class of 1976 by her niece, Dr. Robyn Pugash. Awarded annually to the final year Physical Therapy student who, in the opinion of faculty, best exemplifies attributes desirable of a caring professional, these being compassion, empathy, concern for the needs of the patient and devotion to the profession. Value: \$150.

### Undergraduate Scholarships

#### CLIFFORD C.F. WONG SCHOLARSHIP

#### 黃振輝獎學金

Established in 1989 by the late Clifford C.F. Wong, B.Arch. (1960) to recognize distinguished academic standing. Awarded by the School of Physical and Occupational Therapy to a continuing student having completed at least one year in the Bachelor of Science program in Physical or Occupational Therapy. Value: \$1500.

**WOMEN ASSOCIATES OF MCGILL SCHOLARSHIP**, awarded on the basis of high academic standing to an undergraduate student having completed at least one year in the B.Sc. degree program in Physical or Occupational Therapy. Preference is given to women students. Value: \$1,500.

**SCHOOL OF PHYSICAL AND OCCUPATIONAL THERAPY SCHOLARSHIPS FUND**, established in 1992 by the University and by graduates and friends of the School to provide awards based on academic achievement to students in the top 5% of the School. Granted by the School of Physical and Occupational Therapy to equalize the value of awards to students of comparable standing. Awards range in value from \$100 to the level of the major entrance scholarships, in increments of \$100.

A complete list of scholarships, bursaries, prizes and awards, and the regulations governing the various loan funds, are given in the *Undergraduate Scholarships and Awards Calendar* and in the Graduate Fellowships and Awards Section of the *Graduate and Postdoctoral Studies Calendar*. These Calendars are available on the Web at [www.mcgill.ca/courses](http://www.mcgill.ca/courses).

### 8.3.6 Licensing Regulations

Graduates who complete the B.Sc.(O.T.) or the B.Sc.(P.T.) degrees up to 2009, and thereafter from the professional M.Sc.A (OT) or the M.Sc.A (PT) degrees are eligible to seek licensure. Graduates from McGill may seek licensure around the world. Each country, province or state sets its own requirements for licensure which may necessitate examination, further course work and/or the TOEFL.

Certain provinces in Canada, states of the United States of America, and other countries require that those intending to practice occupational therapy or physical therapy within their borders comply with special provincial or state licensing regulations. Further information may be obtained from the offices of the associations listed under [section 8.3.7 "Professional Organizations"](#).

Graduates seeking licensure in the United States should be aware that recent reforms in licensing and immigration laws have led to new requirements for internationally educated health care professionals entering the country.

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 3.9.1 "Language Requirements for Professions"](#).

Occupational therapists practising in Canada (except Quebec and Manitoba) are required to pass a National Certification Examination after graduation. For information, write to the Canadian Association of Occupational Therapists (see below).

Physical therapists who graduated from 1993 onwards who wish to practice in provinces in Canada (other than Quebec) are required to pass a Physiotherapy National Examination. For confirmation, write to the Alliance of Physiotherapy Regulatory Boards.

### 8.3.7 Professional Organizations

#### Canadian National Offices

Canadian Association of Occupational Therapists  
 Carleton Technology Training Centre  
 Suite 3400, Carleton University  
 1125 Colonel By Drive  
 Ottawa, ON K1S 5R1  
 Tel.: (613) 523-CAOT(2268)  
 Toll Free: 1 (800) 434-CAOT(2268)  
 Fax: (613) 523-2552  
 Website: [www.caot.ca](http://www.caot.ca)

Canadian Physiotherapy Association  
 Website: [www.physiotherapy.ca](http://www.physiotherapy.ca)  
 (Toronto Office)  
 2345 Yonge Street, Suite 410  
 Toronto, ON M4P 2E5  
 Tel.: (416) 932-1888  
 Toll Free: 1 (800) 387-8679  
 Fax: (416) 932-9708  
 E-mail: [information@physiotherapy.ca](mailto:information@physiotherapy.ca)  
 (Ottawa Office)  
 1400 Blair Place, Suite 205  
 Ottawa, ON K1J 9B8  
 Tel.: (613) 564-5454  
 Toll Free: 1 (888) 474-9746  
 Fax: (613) 564-1577  
 E-mail: [infoottawa@physiotherapy.ca](mailto:infoottawa@physiotherapy.ca)

Alliance of Physiotherapy Regulatory Boards  
 1243 Islington Avenue, Suite 501  
 Toronto, ON M8X 1Y9  
 Tel.: (416) 234-8800  
 Fax: (416) 234-8820  
 Website: [www.alliancept.org](http://www.alliancept.org)

#### Quebec Provincial Offices

Ordre des ergothérapeutes du Québec  
 2021 avenue Union, bureau 920  
 Montréal, QC H3A 2S9  
 Telephone: (514) 844-5778  
 Fax: (514) 844-0478  
 Website: [www.oeq.org](http://www.oeq.org)  
 E-mail: [ergo@oeq.org](mailto:ergo@oeq.org)

Ordre professionnel des physiothérapeutes du Québec  
 7151 rue Jean-Talon est, bureau 1000  
 Anjou, QC H1M 3N8  
 Telephone: (514) 351-2770  
 Toll Free: 1 (800) 361-2001  
 Fax: (514) 351-2658  
 Website: [www.oppq.qc.ca](http://www.oppq.qc.ca)  
 E-mail: [physio@oppq.qc.ca](mailto:physio@oppq.qc.ca)

#### International Offices

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

### 8.3.8 Program Accreditation

The Physical Therapy Program is accredited through the Accreditation Council of Canadian Physiotherapy Academic Programs (ACCPAP).

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

## 8.4 Student Evaluation and Promotion

### 8.4.1 Degree Requirements for Professional Bachelor Students

Students in Occupational Therapy or Physical Therapy must complete a total of 105 course credits, successfully complete all the courses in the curriculum, and have a CGPA of at least 2.3 in all courses in the Occupational Therapy or Physical Therapy curriculum to obtain the degree of B.Sc.(Occ. Ther.) or the degree of B.Sc.(Phys.Ther.).

Due to the sequential nature of the programs the Occupational Therapy and Physical Therapy programs are full-time programs of study.

The Evaluation System is multi-faceted and under constant review by the School of Physical and Occupational Therapy. The School reserves the right to change rules and regulations at any time, although in general such changes will not come into effect in the middle of an academic year/promotion period. For complete School regulations, reference should be made to the School of Physical and Occupational Therapy student handbook and course guide which is updated annually, and can be found on the Web at [www.mcgill.ca/spot](http://www.mcgill.ca/spot).

For the purposes of evaluation, the three year curriculum is broken down into the following promotion periods:

Promotion Period 1 - U1- beginning of September to end of August

Promotion Period 2 - U2 -beginning of September to end of April

Promotion Period 3 - U2- beginning of May to beginning of September

Promotion Period 4 - U3- beginning of September to mid December

Promotion Period 5 - U3- beginning of January to 2nd week of February

Promotion Period 6 - U3- February (2nd week) to end of April

### 8.4.2 Degree Requirements for Bachelor of Science (Occupational Therapy) (non-practicing) and Bachelor of Science (Physical Therapy) (non-practicing)

Students in Occupational Therapy or Physical Therapy must complete a total of 90 course credits, successfully complete all the courses in the curriculum, and have a CGPA of at least 2.3 in all courses in the Occupational Therapy or Physical Therapy curriculum to obtain the degree of B.Sc.(Occ. Ther., non-practicing) or the degree of B.Sc.(Phys.Ther., non-practicing).

Entry to professional practice requires the completion of a Master of Science degree, Applied in Occupational Therapy M.Sc.A.(Occ.Ther.) or in Physical Therapy M.Sc.A.(Phys.Ther.). Students from McGill who do not hold the undergraduate degree in Bachelor of Science (Occupational Therapy) (non-practicing) or Bachelor of Science (Physical Therapy) (non-practicing) must apply to the Master's program via a qualifying year. Students should be aware that a minimum CGPA of 3.0 is required for admission to this program. For full details please refer to the information on the Web at: [www.mcgill.ca/spot](http://www.mcgill.ca/spot).

Due to the sequential nature of the programs the Occupational Therapy and Physical Therapy programs are full-time programs of study.

The Evaluation System is multi-faceted and under constant review by the School of Physical and Occupational Therapy. The School reserves the right to change rules and regulations at any time, although in general such changes will not come into effect in the middle of an academic year/promotion period. For complete School regulations, reference should be made to the School of Physical and Occupational Therapy student handbook and course guide which is updated annually, and can be found on the Web at: [www.mcgill.ca/spot](http://www.mcgill.ca/spot).



For the purposes of evaluation, the three year curriculum is broken down into the following promotion periods:

Promotion Period 1 - U1- beginning of September to end of April

Promotion Period 2 - U2 -beginning of September to end of April

Promotion Period 3 - U3 -beginning of September to end of December

Promotion Period 4 U3 - beginning of January to end of April

### 8.4.3 Student Promotions

For complete Rules and Regulations for Student Evaluation and Promotion, reference should be made to the School of Physical and Occupational Therapy student handbook and course guide which is updated annually, and can be found on the Web at: [www.mcgill.ca/spot](http://www.mcgill.ca/spot).

Academic matters are the jurisdiction of the Occupational Therapy Promotion and Review Committee (OTPRC) or the Physical Therapy Promotion and Review Committee (PTPRC). The Occupational Therapy or Physical Therapy Promotion and Review Committees review the academic record, professional conduct and general performance of students throughout the Occupational Therapy/Physical Therapy programs. It exercises final authority to determine a student's competence and suitability for the practice of occupational therapy or physical therapy and, hence, makes final decisions on all matters relating to promotion and graduation.

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

To pass any course with the designation of OCC1, PHTH or POTH which comprises both an individual and group evaluation, each student must pass the individual component in order to receive a passing grade for the course.

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

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 policy for student athletes, who are part of a team and are competing in athletic competitions at an inter-collegiate level or higher, is available in the School of Physical and Occupational Therapy's *Rules and Regulations for Student Evaluation and Promotion and Course Guide*. These documents are updated annually and can be found on the Web at: [www.mcgill.ca/spot](http://www.mcgill.ca/spot).

In the event that a student is required to withdraw or abandons their studies in physical therapy or occupational therapy, the School of Physical and Occupational Therapy will proceed with the withdrawal procedure.

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.

### 8.4.4 Failure of Supplemental Examinations or Remedial Clinical Affiliations

The results of all supplementals, remedial work or remedial clinical affiliations will be recorded on the official transcript of the student as supplemental examinations, and will be considered as such for purposes of promotion.

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

A student with an overall CGPA of between 2.3 and 2.69 or TGPA of 2.5 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 two promotion periods 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.

**Students are not permitted more than one (1) failure in a clinical affiliation throughout the curriculum. A failure in a remedial clinical affiliation or in any subsequent clinical affiliation course will result in the student being required to withdraw from the program.**

Full details of the Rules and Regulations for Student Evaluation and Promotion can be found at the School's Website at: [www.mcgill.ca/spot](http://www.mcgill.ca/spot) and in the School of Physical and Occupational Therapy course guides.

### 8.4.5 Change of Course and Withdrawal Policy

#### Course Change and Withdrawal

Course drop/add and Withdrawal (W) deadlines dates are listed in the Calendar of Dates ([www.mcgill.ca/student-records/dates](http://www.mcgill.ca/student-records/dates)). Following the Course Change deadline there is a period of a few days during which students may withdraw, with a grade of W and full refund of course fees, from courses that start in that term.

After the Withdrawal (with refund) deadline, there is a period during which withdrawal from a course will also result in a grade of W but no course fees will be refunded.

#### Note:

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.
2. The responsibility for initiating 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 [section 3.4.9 "Fees and Withdrawal from the University"](#).

#### University Withdrawal

Withdrawal (W) deadlines dates are specified in the Calendar of Dates ([www.mcgill.ca/student-records/dates](http://www.mcgill.ca/student-records/dates)).

Students considering withdrawal are strongly urged to consult with the Program Director and Student Affairs Office before making a final decision. The Student Affairs Office will supply any forms necessary to complete the University withdrawal.

Students who decide to withdraw from the University are required to follow the following procedures:

- The responsibility for initiating 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.
- Students who withdraw from the University before the deadlines for course withdrawal must drop or withdraw from all courses that can be dropped or withdrawn from on Minerva.
- Students who are blocked from dropping or withdrawing from their course(s) on Minerva are required to contact the Student Affairs Office. The Student Affairs Office will supply any forms necessary to complete the University withdrawal.
- Students who withdraw after the deadline for course withdrawal on Minerva must contact their Student Affairs Office for information on policies and procedures.

#### Note:

1. All students who have accessed Minerva to register must officially withdraw within appropriate deadlines if they decide not to attend the Term(s) for which they have registered.



2. The responsibility for initiating 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 drops or withdraws from all courses on Minerva or the date the request for withdrawal is submitted to the Student Affairs Office is the official date of withdrawal, even if the student stopped attending lectures earlier.
3. Fee refunds, if any, for the term in which the student withdraws will be in accordance with [section 3.4.9 "Fees and Withdrawal from the University"](#).
4. Upon withdrawal students are required to return their ID card to the University as stated in [section 3.2.4 "Identification \(ID\) Cards"](#).

In the event that a student is required to withdraw or abandons 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 re-admitted to either 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.

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#### 8.4.6 Academic Integrity

For information on academic integrity, see [section 3.1.8, "Academic Integrity"](#).

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#### 8.4.7 Academic Credit Transfer Agreement/Inter-University Transfer Agreement

The IUT agreement permits concurrent registration at McGill and another Quebec institution. In certain cases, credits may be granted by the School for courses taken at other universities. Approval by the Program Director is necessary and must be obtained in advance.

Students wishing to take advantage of this agreement should consult the Student Affairs Office for details, and are informed that this agreement is subject to the following conditions:

- a) The other universities concerned may, at their discretion, refuse the registration of a student for any of its courses;
- b) Students must complete their program requirements;
- c) The student is responsible for ensuring that the McGill Class Schedule permits these courses to be taken without conflict;
- d) The universities concerned are not responsible for special arrangements in cases of examination or class schedule conflicts;
- e) Marks earned at the host university will not appear on McGill transcripts or be included in McGill grade point averages;
- f) Students should be aware that late results received from host universities may delay their graduation.

Scholarship holders should consult with their the Scholarships Office concerning eligibility for continuation of renewal of their rewards.

Students must initiate an on-line Inter-University Transfer (IUT) application to request the required authorizations. The electronic form is available on the Web at [www.crepuq.qc.ca](http://www.crepuq.qc.ca). This form permits the students to obtain the required authorizations. The IUT application form can also be accessed via the McGill Website at [www.mcgill.ca/student-records/iut](http://www.mcgill.ca/student-records/iut).

**Note:** Once the IUT application is approved by both the home and host universities, the student remains responsible for registering in the same course for which they have obtained electronic approval. The method of registration of the host university will vary (e.g. Web, in-person, phone, etc.). **The student is advised to initiate the electronic application allowing for enough time to meet the host university's registration deadlines. Furthermore, the**

#### **student is responsible for adhering to all registration deadlines of the host institution.**

The letter grades applied by the host institution take precedence over the numerical grades if both are provided. In order to be granted transfer credits, the final grades earned at the host university must meet the minimum requirements as set by the Occupational Therapy or Physical Therapy programs. Grades earned at the host university for transfer courses are not entered on the student's McGill transcript and are not included in the calculation of the TGPA or CGPA. For courses that are completed the grade will be automatically submitted to the home university by the host institution. Students who later wish to drop or withdraw from the course(s) for which approval has been granted will need to drop or withdraw from the course as per the method of registration at the host university AND submit this change on the on-line IUT application. For universities outside of Quebec, it is the student's responsibility to ensure that an official transcript is sent from the host institution to the Student Affairs Office. Students studying at another Quebec university on an Inter-University Transfer Agreement (IUT) will have their grade(s) sent to McGill University automatically by the host university. Transcripts not received by the appropriate date will be considered for the next graduation period only.

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#### 8.4.8 Examinations

##### 8.4.8.1 Examinations – General Information

Every student has a right to write term papers, examinations and theses in English or in French except in courses where knowledge of a language is one of the objectives of the course.

Students will not be permitted to write an examination in any course unless they have fulfilled the requirements of the course to the satisfaction of the instructor and the Program Director. Once students have presented themselves for an examination or test, they must submit all written work to the invigilator before leaving.

Students writing examinations must have with them their valid McGill student ID card. Forgetfulness cannot be considered an acceptable excuse.

**Students are reminded that cheating in any examination is considered a serious offence which could lead to expulsion from the University. Students are not permitted to have in their possession, or to use, any unauthorized materials during an examination. This includes electronic devices such as cellphones, iPods, MP3 players, PDA's and other Web-access devices. Unauthorized items found on the student or desk area during an exam will be confiscated and turned over to the Disciplinary Officer.**

Responses on multiple choice examinations are normally checked by the Exam Security Computer Monitoring Program. The program detects pairs of students with unusually similar answer patterns on multiple-choice examinations. Data generated by the program can be used as admissible evidence either to initiate or corroborate an investigation or a charge of cheating under Section 16 of the Code of Student Conduct and Disciplinary Procedures.

All students are responsible for knowing the University Examination Regulations and the Code of Student Conduct and Disciplinary Procedures. The former are normally posted during the examination period.

Information about issues related to academic integrity can be found at [www.mcgill.ca/integrity](http://www.mcgill.ca/integrity).

##### Special Facilities

Students with visual or other disabilities should consult the Coordinator, Office for Students with Disabilities, Brown Building, about the possibility of special examination facilities.

##### 8.4.8.2 Final Examinations

Instructors are not permitted to grant any special treatment regarding examinations to any student. The School requires all instructors to decline to discuss marks with students before their official publication.

Formal final examinations are held during an examination period following the term in which the course is given. The dates of the examination periods are listed in the Calendar of Dates. **Students are warned not to make travel arrangements to leave Montreal prior to the scheduled end of any examination period.** In some courses there is no final examination; standing in these courses is determined on the basis of term work and class tests.

Final examinations must be held during the official examination period following the term in which the course is given, and shall be worth at least 25% of the overall mark. This holds true for written, oral and practical examinations. For oral examinations, verbal feedback may be given to the students regarding their performance, but no marks will be provided during the examination. Marks for final examinations and final course marks are presented to the Occupational Therapy or Physical Therapy Promotions and Review Committees. Following the Occupational Therapy or Physical Therapy Promotions and Review Committees meetings, marks will be available on Minerva.

#### 8.4.8.3 University Regulations Concerning Final Examinations

##### Preamble

The objectives of these regulations are as follows:

- 1) to protect students from excessive workloads;
- 2) to use the full 15-week term to maximum advantage.

##### Regulations

1. These regulations shall apply to undergraduate courses up to and including the 500 level that are evaluated by the use of written examinations. They shall not apply to clinical, field, laboratory, performance, and seminar courses, or to other courses that are evaluated solely by means of a design, paper, program, or project.
2. Written examinations (including take-home examinations) shall not be held during the last two weeks of scheduled classes during the Fall and Winter terms, except where a pattern of continuous evaluation has been established, in which case the total value of examinations given in this period shall comprise no more than 10% of the final mark.
3. If the written examinations in a course constitute 50% or more of the final mark, one of these shall be given as a final written examination; and it shall take place during the examination period after the last day of scheduled lectures in December or April.
4. A final examination given during the examination period shall be worth at least 25% of the final mark.
5. Students shall be informed of all course requirements by the end of the course change period. All term work shall be assigned early enough in the term for students to complete the assignment(s) by the last day of class.
6. The due date for term work in courses to which these regulations apply shall be no later than the last day of classes.
7. In courses that span the Fall and Winter terms (course pairs with numbers ending D1 and D2), instructors who wish to give a mid-year examination in December must schedule it in the formal examination period.
8. The principles enunciated in these regulations shall be applied, appropriately modified, to courses given during the summer, to other courses of less than a 13-week duration, and to courses in the Faculties of Law, Medicine, Dentistry, and Education that do not follow the normal University Timetable.
9. Individual faculties may propose variations in these regulations to the Academic Policy and Planning Committee in order to meet their special needs.
10. These regulations, and any variations to them, shall be made known to students by each faculty.

**Instructors are not permitted to grant any special treatment regarding examinations to any student.** Students who believe there are circumstances which might justify making special

examination arrangements for them or which might legitimately be taken into account in evaluating their performance should apply to the Associate Dean of their faculty.

**It is the responsibility of the student to confirm the date, time and place of the examination by checking examination schedules posted on notice boards on campus and on the Web at [www.mcgill.ca/students](http://www.mcgill.ca/students).** This information is not available by telephone. No student will be allowed to enter an examination later than one hour after it has started.

#### 8.4.8.4 Interim Class Tests and Mid-Term Examinations

Members of the teaching staff may give interim class tests if they consider them necessary. The class will be advised at the beginning of the course when they will occur with the mark allocation. Students will be informed of all course requirements by the end of the course change period. The timing of the class tests is at the discretion of the professor, but no written tests will be given during the last two weeks of the term, except where a pattern of continued evaluation has been established, in which case the total value of examinations given in this period shall comprise no more than 10% of the final mark.

Mid-term examinations for one term courses are given close to the middle of the term. In those courses that span the Fall and Winter terms, instructors who wish to give a mid-term examination in December, must schedule it in the formal examination period. Make-up examinations follow the same rules as for class tests.

Absences from mid-term exams or required lab and or group work must be approved by the Program Director. For an absence to be approved, for example, because of compassionate or medical reasons, the absence must be supported by written documentation, such as a medical certificate, submitted to the Program Director. The Program Director at his or her entire discretion may request additional information before approving the absence.

#### 8.4.8.5 Supplemental Examinations

Students who have failed an examination and who have been given permission to write a supplemental examination must avail themselves of this privilege at the time of the next supplemental period.

Students are required to apply for a supplemental exam using the Minerva form. A non-refundable fee of \$35 for each supplemental exam application is assessed at the time of application. For details please refer to the supplemental exam Website at: [www.mcgill.ca/student-records/exam/supplemental](http://www.mcgill.ca/student-records/exam/supplemental). It should be noted that the supplemental result will not erase the failed grade originally obtained which was used in calculating the GPA. Both the original mark and the supplemental result will be calculated in the GPA and CGPA (i.e., the taking of a supplemental examination has the same effect on a student's GPA as does repeating the course).

**Supplemental examinations for all failed Fall Term courses and for failed Winter term courses with the designation of OCC1, PPTH or POTH will normally be held following the regular spring examination period. Supplemental examinations for Winter Term campus courses are written in the official supplemental period in August.**

#### 8.4.8.6 Deferred Examinations

Students who, for serious reasons such as illness or family affliction, have not written one or more examinations, may receive the permission of the Program Director to defer the examination to the next deferred examination period. Students should be aware that deferred examinations are granted only for compelling reasons, which are verified and accepted by the Program Director. Students must apply for deferred exams on Minerva. Supporting evidence is required such as an appropriate medical report from McGill Health Service which indicates the date(s) and duration of the illness. The Student Affairs Office and the Program Director must be informed by the student as soon as possible after the examination of the reason for his/her absence from the examination, and the supporting documentation must be received no later than one (1) week after the examination. Please refer to details at the following site: [www.mcgill.ca/student-records/exam/deferred](http://www.mcgill.ca/student-records/exam/deferred).

If the request is approved, a grade of L (deferred) will appear in place of a grade in such courses, followed by the grade obtained in the deferred examination after it has been written. No supplemental examinations are available for students who did not receive the required passing grade in a course after writing a deferred examination. Such students must, with the permission of the Occupational Therapy Promotion and Review Committee (OTPRC) or the Physical Therapy Promotion and Review Committee (PTPRC), either re-register in the same course the following term for all required program courses if available, or in an approved course substitute in the case of elective/complementary courses.

### 8.4.9 Credit System

All courses carry a credit rating. Courses can be graded either by letter grades or in percentages, but the official grade in each course is the letter grade. Where appropriate, a class average will be calculated and appear on transcripts expressed as the letter grade most representative of the class performance.

Grades	Grade Points	Numerical Scale of Marks
A	4.0	85 - 100%
A-	3.7	80 - 84%
B+	3.3	75 - 79%
B	3.0	70 - 74%
B-	2.7	65 - 69%
C+	2.3	60 - 64%
C	2.0	55 - 59%
D	1.0	50 - 54%
F (Fail)	0	0 - 49%

Letter grades are assigned grade points according to the table shown above. Standing will be determined on the basis of a grade point average (GPA) computed by dividing the sum of the course credit times the grade points by the total course GPA credits.

$$\text{GPA} = \frac{\sum (\text{course credit} \times \text{grade points})}{\sum (\text{GPA course credits})}$$

The term grade point average (TGPA) will be the GPA for a given term calculated using all the applicable courses at the same level in that term. The cumulative grade point average (CGPA) will be the GPA calculated using the student's entire record of applicable courses at McGill at the same level; if the level is changed, e.g., from undergraduate to graduate, the CGPA starts again. This policy took effect January 2003. Prior to January 2003, if a student's degree program had changed, e.g., from B.Sc. to B.A., the CGPA started again. For students with academic information prior to Fall 2002, who are registered in a different program or in a different level post-Fall 2002, the transcript displays a special message regarding the CGPA restarting. If courses are repeated, all results are included in the GPA calculation. Therefore, grades of C, D or F continue to be used in the CGPA calculation even after the course is repeated or if a supplemental examination is taken.

#### Other Letter Grades

- J** – unexcused absence (failed): the student is registered for a course but does not write the final examination or do other required work; calculated as a failure in the GPA and CGPA. (See note below.)
- K** – incomplete; deadline extended for submission of work in a course.
- KE or K\*** – further extension granted.
- KF** – failed to meet the extended deadline for submission of work in a course; counts as a failure in the GPA and CGPA.
- KK** – completion requirement waived.
- L** – deferred examination.
- LE or L\*** – permitted to defer examination for more than the normal period.
- NR** – no grade reported by the instructor (recorded by the Registrar).
- P** – pass; not included in GPA.
- Q** – course continued in next term.

- S** – Satisfactory; equivalent to C or better in an elective course; not included in GPA. (Satisfactory / Unsatisfactory Option.)
- U** – Unsatisfactory; equivalent to D or F in an elective course; not included in GPA. (Satisfactory / Unsatisfactory Option)
- W** – withdrew; a course dropped, with permission, after the change of course period; not included in GPA.
- WF** – withdrew failing; a course dropped, with special permission in exceptional case, after faculty deadline for withdrawal from course, the student's performance in the course at that stage being on the level of an F; not included in GPA.
- WL** – faculty permission to withdraw from a deferred examination.
- NA or &&** – grade not yet available.
- W-- or --** – no grade: student withdrew from the University.

**Note re J grade:** – Students may appeal the assignment of the grade of J, but circumstances such as appearing at the incorrect time for an examination would not normally be sufficient reason for this grade to be replaced by a deferral.

### 8.4.10 Satisfactory / Unsatisfactory Option

The University S/U grading option can be applied only to elective courses, not to required or complementary courses, or to professional courses with the designation of OCC1, PHTH, and POTH. It is, therefore, not normally available to students following the Physical Therapy and Occupational Therapy programs.

## 8.5 Occupational Therapy and Physical Therapy Programs

These programs are made up of 90 credits to be completed in three years followed by 1.5 graduate years over 5 continuous semesters, which includes a clinical practicum of 1,000 hours. The course credit weight appears in parentheses after the number.

Students following the former Occupational Therapy and Physical Therapy Professional Bachelor programs should refer to the 2006-2007 calendar at [www.mcgill.ca/courses](http://www.mcgill.ca/courses) for detailed curriculum information.

### 8.5.1 Occupational Therapy (non-practicing) Program

(Total program credits: 90)

#### U1 Required Courses (21 credits)

- ANAT 315 (4) Anatomy/Limbs and Back
- ANAT 316 (2) Human Visceral Anatomy
- EDKP 206 (3) Biomechanics of Human Movement
- OCC1 245 (3) Occupational Therapy Seminars
- PHGY 209 (3) Mammalian Physiology 1
- PHGY 210 (3) Mammalian Physiology 2
- POTH 250 (3) Health Care Delivery

Complementary Courses (see below)

#### U2 Required Courses (12 credits)

- ANAT 321 (3) Circuitry of the Human Brain
- POTH 401 (3) Research Methods
- POTH 434 (3) Biomechanics of Injury
- POTH 455 (3) Neurophysiology

Complementary Courses (see below)

#### U3 Required Courses (30 credits)

- OCC1 545 (8) Therapeutic Strategies in OT 1
- OCC1 546 (3) Strategies in OT Professional Practice
- OCC1 547 (6) Occupational Solutions 1
- OCC1 548 (3) Holistic Approaches in OT
- OCC1 549 (4) Therapeutic Strategies in OT 2
- OCC1 550 (3) Enabling Human Occupation
- OCC1 551 (3) Psychosocial Practice in OT

**Complementary Courses** (27 credits)

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

- One 3 credit Introductory level statistics course:  
PSYC 204 (3) Introduction to Psychological Statistics
- One 3 credit Intermediate level statistics course:  
PSYC 305 (3) Statistics for Experimental Design
- One 3 credit sociology course. This is required for licensure.

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

- Psychology
- Management (in the area of personal and private practice management)
- Professional Writing
- Additional sociology/anthropology courses
- French language course if not proficient in French
- One 3 credit personal interest course

These courses should be completed as follows:

- 6 credits in fall U1
- 3 credits in winter U1
- 9 credits in fall U2
- 9 credits in winter U2

**8.5.2 Physical Therapy (non-practicing) Program**

(Total program credits: 90)

**U1 Required Courses** (21 credits)

- ANAT 315 (4) Anatomy/Limbs and Back
- ANAT 316 (2) Human Visceral Anatomy
- EDKP 206 (3) Biomechanics of Human Movement
- PHTH 245 (3) Physical Therapy Seminars
- PHGY 209 (3) Mammalian Physiology 1
- PHGY 210 (3) Mammalian Physiology 2
- POTH 250 (3) Health Care Delivery

Complementary Courses (see below)

**U2 Required Courses** (18 credits)

- ANAT 321 (3) Circuitry of the Human Brain
- EDKP 395 (3) Exercise Physiology
- EDKP 485 (3) Exercise Pathophysiology 1
- POTH 434 (3) Biomechanics of Injury
- POTH 401 (3) Research Methods
- POTH 455 (3) Neurophysiology

Complementary Courses (see below)

**U3 Required Courses** (30 credits)

- PHTH 550 (8) Physical Therapy Orthopedic Management
- PHTH 551 (4) Physical Therapy Neurological Rehabilitation
- PHTH 552 (4) Cardiorespiratory Rehabilitation
- PHTH 560 (8) Integrated Orthopedic Management
- PHTH 561 (6) Integrated Neurological Rehabilitation
- PHTH 570 (0) Professional Seminars

**Complementary Courses** (21 credits)

These courses are to be completed prior to third year (U3) from the following subject areas:

- 6 credits in Psychology/Behavioural Science
- 3 credits in Sociology
- 3 credits in Statistics at the 200 (introductory) level
- 3 credits in Statistics at the 300 (intermediate) level
- 6 credits in Arts/Humanities\*

\*French courses highly recommended if student not fluent in French.

These courses should be completed as follows:

- 6 credits in fall U1
- 3 credits in winter U1
- 6 credits in fall U2
- 6 credits in winter U2

**8.6 Course Descriptions**

Students preparing to register should consult the Web at [www.mcgill.ca/minerva](http://www.mcgill.ca/minerva) (click on Class Schedule) for the most up-to-date list of courses available; courses may have been added, rescheduled or cancelled after this Calendar went to press. Class Schedule lists courses by term and includes days, times, locations, and names of instructors.

Term(s) offered (Fall, Winter, Summer) may appear after the credit weight to indicate when a course would normally be taught. Please check Class Schedule to confirm this information.

Prior to September 2002 course numbers began with three-digit Teaching Unit Codes. The TU Codes used by the School were replaced as follows: OCC1 replaced 580, POTH replaced 582, PHTH replaced 581.

The course credit weight is given in parentheses after the title.

**8.6.1 Occupational Therapy and Physical Therapy Courses - Year 1 Courses****Faculty of Science Courses**

**ANAT 315 ANATOMY/LIMBS AND BACK.** (4) (Fall) (2 hours lectures, 4 hours laboratory) (Restriction: Open to students in Physical and Occupational Therapy; and to Honours students in Anatomy and Cell Biology, with permission of instructor.) The regional human gross anatomy of the skeleton, joints, muscles and neurovascular structures of the limbs and back.

**ANAT 316 HUMAN VISCERAL ANATOMY.** (2) (Winter) (2 hour lecture, 2 hours laboratory) (Prerequisite: ANAT 315) (Restriction: Open to students in Physical and Occupational Therapy, and to others by special permission) The gross anatomy of the various organ systems of the human body, with emphasis on those aspects of greatest relevance to physical and occupational therapists. Laboratories include studies of prepared specimens, use of the anatomical museum and audiovisual materials.

**EDKP 206 BIOMECHANICS OF HUMAN MOVEMENT.** (3) Analysis of fundamental human movement and the kinematic concepts which underlie each: Stability, agility, walking, running, jumping, throwing, absorbing forces, striking, kicking, spinning, twisting, aquatics and work positions.

**PHGY 209 MAMMALIAN PHYSIOLOGY 1.** (3) (Fall) (3 hours lectures weekly) (Prerequisites: BIOL 112, CHEM 110, CHEM 120, PHYS 101 or PHYS 131, and PHYS 102 or PHYS 142. Pre-/co-requisites: BIOL 200, CHEM 212 or equivalent.) (Restriction: Not open to students who have taken PHGY 211 or PHGY 201 or students who are taking and who have taken NSCI 200.) (Restriction: For students in the Faculty of Science, and other students by permission of the instructor) (Restriction: Not open to students who have taken PHGY 211 or PHGY 201 or students who are taking and who have taken NSCI 200.) Physiology of body fluids, blood, body defense mechanisms, muscle, peripheral, central, and autonomic nervous systems.

**PHGY 210 MAMMALIAN PHYSIOLOGY 2.** (3) (Winter) (3 hours lectures weekly) (Prerequisites: BIOL 112, CHEM 110, CHEM 120, PHYS 101 or PHYS 131, and PHYS 102 or PHYS 142. Pre-/co-requisite: BIOL 200, BIOL 201, BIOC 212, CHEM 212 or equivalent.) (Restriction: Not open to students who have taken PHGY 202.) (Restriction: For students in the Faculty of Science, and other students by permission of the instructor) (Although PHGY 210 may be taken without the prior passing of PHGY 209, students should note that they may have some initial difficulties because of lack of familiarity with some basic concepts introduced in PHGY 209) Physiology of cardiovascular, respiratory, digestive, endocrine and renal systems.



## 8.6.2 Occupational Therapy and Physical Therapy Courses - Year 1 Courses

**OCC1 245 OCCUPATIONAL THERAPY SEMINARS.** (3) Introduction to Occupational Therapy through interactive seminars.

**PHTH 245 PHYSICAL THERAPY SEMINARS.** (3) Physical therapy and its domains through promoting health and well-being of individuals across the life span.

**POTH 250 HEALTH CARE DELIVERY.** (3) (2 hours/ week for 9 weeks.) Health care delivery of rehabilitation services at local and global levels as influenced by social, education, economic, legislative, and demographic factors; ethical regulations and standards of quality practice; and models of health promotion and wellness as well as the ways and means of influencing public policies.

## 8.6.3 Occupational Therapy and Physical Therapy Courses - Year 2 Courses

### 8.6.3.1 Faculty of Science Course for Occupational Therapy and Physical Therapy

**Note:** All Faculty of Science courses have limited enrolment.

**ANAT 321 CIRCUITRY OF THE HUMAN BRAIN.** (3) (Fall) (2 hour lectures, 2 hours laboratory/tutorial) (Prerequisite: at least one 3-credit university level course in biology or psychology) (Restriction: Open to U3 students only, except for P&OT students.) This course explores the functional organization of the human brain and spinal cord. The course focuses on how neuronal systems are designed to subservise specific motor, sensory, and cognitive operations.

### 8.6.3.2 Faculty of Science Courses for Physical Therapy

**EDKP 395 EXERCISE PHYSIOLOGY.** (3) (Prerequisites: PHGY 201 or PHGY 209 and PHGY 202 or PHGY 210.) (Prerequisites: PHGY 201 and PHGY 202.) Examination of the physiological responses of the neuromuscular, metabolic, endocrine, and circulatory and respiratory systems to acute and chronic exercise.

**EDKP 485 EXERCISE PATHOPHYSIOLOGY 1.** (3) (Prerequisite: EDKP 395.) The physiological bases of selected cardiovascular, respiratory and metabolic disorders and an examination of the particularities of exercise responses and the effects of exercise conditioning in these populations. A special emphasis on the scientific bases for exercise prescription.

### 8.6.3.3 Joint Courses in Occupational Therapy and Physical Therapy Programs

**POTH 434 BIOMECHANICS OF INJURY.** (3) (Note: Not open to students who have taken PHTH 434.) A lecture-based course covering the application of physics, engineering and technological principles of the study of the human body in health or disease at the behavioural and environmental levels. The focus of this course will be on how these principles relate to clinical evaluation and rehabilitation

**POTH 401 RESEARCH METHODS.** (3) (4.5 hours/week for 9 weeks) A lecture and seminar course on the principles of and methods used in clinical and rehabilitation science research.

**POTH 455 NEUROPHYSIOLOGY.** (3) (3 hours/week) A study of the neurophysiological principles of sensori-motor interaction as they relate to posture, motor control and cognition.

## 8.6.4 Description of Year 3 Courses for Occupational Therapy and Physical Therapy Programs (Professional Bachelor Students)

### 8.6.4.1 Joint Course in Occupational Therapy and Physical Therapy Programs

**POTH 445 ADMINISTRATION/MANAGEMENT.** (4) (7 hours/week for 8 weeks) A lecture and seminar course to include Health Care administration, marketing and the development of leadership and entrepreneurial skills.

### 8.6.4.2 Occupational Therapy Courses

**OCC1 420 CLINICAL AFFILIATION 4.** (3) (5 weeks, full-time) Supervised clinical practice provided in the teaching hospitals of the Faculty of Medicine and other affiliated centres and in convalescent, chronic and home care facilities, specialized schools, clinics and community centres.

**OCC1 422 CLINICAL AFFILIATION 5.** (3) (5 weeks, full-time) Supervised clinical practice provided in the teaching hospitals of the Faculty of Medicine and other affiliated centres and in convalescent, chronic and home care facilities, specialized schools, clinics and community centres.

**OCC1 424 SPLINTING AND ORTHOTICS.** (2) (4.5 hours/week for 9 weeks) A course covering knowledge of therapeutic techniques and biomechanical principles involved in the application and fabrication of static and dynamic splints.

**OCC1 436 OT PRACTICE 5: MEDICAL AND SURGICAL.** (3) (4.5 hours/ week for 9 weeks) A lecture, practical and case-based course covering medical and surgical conditions across the lifespan. OT theory, principles of treatment and therapeutic use of activities in the OT treatment of these conditions will be discussed.

**OCC1 437D1 (1.5), OCC1 437D2 (1.5) OT AND COMMUNITY MENTAL HEALTH.** (2.5 hours/week for 9 weeks) (Students must register for both OCC1 437D1 and OCC1 437D2.) (No credit will be given for this course unless both OCC1 437D1 and OCC1 437D2 are successfully completed in consecutive terms) A lecture, case-based and seminar course which examines the preventive and educational role of the OT in mental health as applied to sociocultural issues and their relationship to violence and despair within the community.

**OCC1 438 PSYCHOSOCIAL THEORIES IN OT.** (3) (4.5 hours/week for 9 weeks) A lecture, case-based course to examine current theoretical frames of reference in OT in the field of psychiatry and their implementation into OT treatment. Particular emphasis will be placed on the long-term client.

**OCC1 440 PRE AND VOCATIONAL REHABILITATION.** (2) (3.5 hours/week for 8 weeks) An introduction to work theory and its application to prevocational and vocational assessment and training in rehabilitation. The application of ergonomics to rehabilitation will be discussed in a case-based context.

**OCC1 441 ADVANCED TECHNOLOGY/ERGONOMICS.** (2) (3.5 hours/week for 8 weeks) Approaches to occupational performance enhancement through matching technology to individual human needs and service delivery will be dealt with in a lecture/lab/seminar format.

### 8.6.4.3 Physical Therapy Courses

**PHTH 420 CLINICAL AFFILIATION 4.** (3) (5 weeks, full-time) Supervised clinical practice provided in the teaching hospitals of the Faculty of Medicine and other affiliated centres and in convalescent, chronic and home care facilities, specialized schools, clinics and community centres.

**PHTH 421 CLINICAL AFFILIATION 5.** (3) (5 weeks, full-time) Supervised clinical practice provided in the teaching hospitals of the Faculty of Medicine and other affiliated centres and in convalescent, chronic and home care facilities, specialized schools, clinics and community centres.

**PHTH 432 PAIN MANAGEMENT.** (3) (4.5 hours/week for 9 weeks) A case-based course to include the assessment and management of acute and chronic pain. Appropriate electrotherapeutic modalities will be included.

**PHTH 433 COORDINATED REHABILITATION 1.** (3) (4.5 hours/week for 9 weeks) A theme-based study of the interdisciplinary approach to rehabilitation. Themes will include health care issues across the lifespan, special problems of adolescents and the aged as well as maternal and child health. The focus is on long-term management.

**PHTH 434 BIOMECHANICS.** (3) (4.5 hours/week for 9 weeks) A lecture-based course covering the application of physics, engineering and technological principles of the study of the human body in



health or disease at the behavioural and environmental level. The focus of this course will be on how these principles relate to clinical evaluation and rehabilitation.

**PHTH 435 COORDINATED REHABILITATION.** (3) (5 hours/week for 8 weeks) A theme-based study of selected topics and current and developing issues in rehabilitation such as AIDS, necrotizing myofasciitis, oncology, burn management and industrial health. The focus is on long-term management.

**PHTH 438 FITNESS/INJURY MANAGEMENT.** (2) (4 hours/week for 8 weeks) The focus of this lecture, seminar and practical course is on fitness and injury prevention as a means of promoting an active lifestyle across the lifespan.

**POTH 446 CURRENT TOPICS: REHABILITATION.** (2) (3 hours/ week for 8 weeks) A professional elective course given in a lecture/seminar/practical format as appropriate to a specialized rehabilitation topic. The student selects one theme from a list of current topic themes to be offered in that semester. The topic themes may change from year to year based on current and developing issues in rehabilitation.

**POTH 447 SPECIALIZED AREA OF PRACTICE.** (2) (3 hours/week for 8 weeks) A professional elective course given in a lecture/seminar/practical format as appropriate to a specialized area of practice. The student selects one specialized area of practice from a list of areas of practice specializations that are being offered in that semester. The specialities may change from year to year based on current and developing issues in rehabilitation.

### 8.6.5 Description of Year 3 Courses for Occupational Therapy and Physical Therapy Programs (Non-Professional Bachelor Students)

#### 8.6.5.1 Occupational Therapy Courses

**OCC1 545 THERAPEUTIC STRATEGIES IN OT 1.** (8) (Prerequisites: ANAT 315 & ANAT 316 (or equivalent), PHGY 201 & PHGY 202 (or equivalent), EDKP 206, PHTH 434 or equivalent, POTH 401.) (Restrictions: U3/M1 students only. Not open to students who have taken the following courses: POTH 239, OCC1 236, OCC1 240, OCC1 339 and OCC1 236.) Evaluation, intervention and planning using a neuromuscular skeletal framework.

**OCC1 546 STRATEGIES IN OT CLIENT MANAGEMENT.** (3) (Prerequisites: U1 and U2 OT courses.) (Restriction: OT students only.) Care mapping, team building, adult teaching and learning styles, fieldwork evaluation, conflict resolution and the role of rehabilitation professionals in non-traditional settings.

**OCC1 547 OCCUPATIONAL SOLUTIONS 1.** (6) (Prerequisites: ANAT 321, POTH 455.) (Restrictions: OT students only. Not open to students who have taken POTH 240, OCC1 340, OCC1 335, OCC1 336.) Assessment and treatment of clients with disorders of the nervous system.

**OCC1 548 HOLISTIC APPROACHES IN OT.** (3) (Prerequisites: U3/M1 Fall Term OT courses.) (Restriction: OT students only. Not open to students who have taken OCC1 436.) The theory, principles of treatment, clinical reasoning and therapeutic use of activities in the OT intervention of acute and chronic medical and surgical conditions.

**OCC1 549 THERAPEUTIC STRATEGIES IN OT 2.** (4) (Prerequisite: OCC1 545.) (Restrictions: U3/M1 students only. Not open to students who have taken the following courses: POTH 239, OCC1 236, OCC1 240, OCC1 339, ANAT 315 and OCC1 236.) Advanced Therapeutic Strategies for systemic and complex conditions.

**OCC1 550 ENABLING HUMAN OCCUPATION.** (3) (4 hrs/week) (4 hrs/week) (U3 and M1 OT students only) Occupational performance (productivity, self-care, leisure) is examined through the Canadian Occupational Performance Model and the Model of Human Occupation, both of which focus on the interaction of the individual with the environment. Human performance is analyzed focusing on prevention of disability and/or restoration of function.

**OCC1 551 PSYCHOSOCIAL PRACTICE IN OT.** (3) (Prerequisite: ANAT 321.) (Restriction: OT students only.) Principles of basic psychosocial assessments and treatment approaches for psychiatric conditions.

#### 8.6.5.2 Physical Therapy Courses

**PHTH 550 PHYSICAL THERAPY ORTHOPEDIC MANAGEMENT.** (8) (Prerequisites: ANAT 315 or EDKP 205 or equivalent, PHTH 434 or equivalent, EDKP 395 or equivalent.) (Restrictions: Not open to students who have taken: PHTH 235, PHTH 236, PHTH 241, PHTH 328, PHTH 337, PHTH 447, POTH 239, POTH 446.) Evaluation and treatment of patients with musculo-skeletal conditions.

**PHTH 551 PHYSICAL THERAPY NEUROLOGICAL REHABILITATION.** (4) (Prerequisites: ANAT 321, POTH 455.) (Restriction: Not open to students who have taken OCC1 335 and PHTH 338.) Principles of neurorehabilitation motor learning and neuroplasticity including assessment and treatment.

**PHTH 552 CARDIORESPIRATORY REHABILITATION.** (4) (Prerequisites: ANAT 316 or equivalent, EDKP 485 or equivalent, PHGY 202 or equivalent.) Theoretical knowledge pertaining to the pathophysiology of various medical and surgical cardiorespiratory conditions, including evaluation and treatment.

**PHTH 560 INTEGRATED ORTHOPEDIC MANAGEMENT.** (8) (Prerequisite: PHTH 550.) Assessment and treatment of patients with multiple comorbidities or multiple injuries that require a multidisciplinary approach, integrated intervention strategies, life-style changes, integration into the work force and/or reintegration into the community.

**PHTH 561 INTEGRATED NEUROLOGICAL REHABILITATION.** (6) (Prerequisite: PHTH 551, ANAT 321, POTH 455.) (Restriction: PHTH 338.) PT assessment and treatment of clients with complex problems and/or multiple handicaps.

**PHTH 570 PROFESSIONAL SEMINARS.** (3) (Prerequisite: PHTH 550, PHTH 551, PHTH 552.) (Corequisite: PHTH 560.) A seminar series on relevant professional issues.

### 8.6.6 Professional Specialty Courses – Descriptions (Professional Bachelor Students)

The following courses are open to final year Occupational Therapy students by permission of the Occupational Therapy Program Director, and are subject to limited enrolment.

☐ Denotes limited enrolment.

☐ **OCC1 442 ENVIRONMENTS FOR THE DISABLED.** (2) (3.5 hours/week for 8 weeks) (Restriction: Open to students in OT and Architecture.) (Prerequisite: ARCH 303 for Architecture students; OCC1 339 for Occupational Therapy students) Students work in multi-disciplinary teams under the supervision of faculty and visitors on selected problems encountered in the design and construction of environments for the physical disabled.

☐ **POTH 402 ADVANCED RHEUMATOLOGY.** (2) (3.5 hours per week for 8 weeks) (Prerequisite: Basic knowledge of the rheumatic diseases and clinical experience in the treatment of physical disabilities.) A seminar course emphasizing a multidisciplinary approach to the evaluation and total care of patients with rheumatic diseases. This course may be offered in the Fall or Winter term.

☐ **POTH 403 PAEDIATRICS.** (2) (3.5 hours/week) A lecture and seminar course examining the development, assessment and management of children within a variety of handicapping conditions. This course may be offered in the Fall or Winter term.

☐ **POTH 410 CHILD AND ADOLESCENT PSYCHIATRY.** (2) (3.5 hours /week) A specialized course in psychiatric occupational therapy to include an orientation to children and adolescents with psychiatric disorders as well as the evaluation and remediation techniques used in the occupational therapy treatment of these children.

☐ **POTH 441 RESEARCH ELECTIVE.** (2) The students are introduced to the methods and procedures of the specific area of

research of the faculty supervisor. The student and faculty supervisor determine the objectives, requirements, time span (usually one term), scheduling, deadlines and mode of evaluation of the project.

☐ **POTH 446 CURRENT TOPICS: REHABILITATION.** (2) (3 hours/week for 8 weeks) A professional elective course given in a lecture/seminar/practical format as appropriate to a specialized rehabilitation topic. The student selects one theme from a list of current topic themes to be offered in that semester. The topic themes may change from year to year based on current and developing issues in rehabilitation.

## 9 School of Dietetics and Human Nutrition

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### 9.1 The School

#### 9.1.1 Location

Macdonald Stewart Building – Room MS2-039  
 Telephone: (514) 398-7840  
 Fax: (514) 398-7739  
 E-mail: [nutrition.dietetics@mcgill.ca](mailto:nutrition.dietetics@mcgill.ca)  
 Website: [www.mcgill.ca/dietetics](http://www.mcgill.ca/dietetics)

#### 9.1.2 Administrative Officers

Chandra Madramootoo; B.Sc.(Agr.Eng.), M.Sc.,  
 Ph.D.(McG.), P.Eng. (*James McGill Professor*)  
**Dean, Faculty of Agricultural and Environmental  
 Sciences, and Associate Vice-Principal (Macdonald  
 Campus)**

William H. Hendershot; B.Sc.(Tor.), M.Sc.(McG.), Ph.D.(Br.  
 Col.) **Associate Dean (Academic)**

Suha Jabaji; B.Sc.(AUB), M.Sc.(Guelph), Ph.D.(Wat.)  
**Associate Dean (Research and Graduate Education)**

David J. Lewis; B.Sc., M.Sc., Ph.D.(Mem.)  
**Associate Dean (Student Affairs)**

Silvana Pellecchia **Student Affairs Manager (Acting)**

Gary O'Connell; B.Comm.(C'dia) **Director,  
 Academic and Administrative Services**

William R. Ellyett; B.A.(Sir G. Wms.), B.Ed.(Phys.Ed.)(McG.)  
**Director of Athletics**

Philip Lavoie; Dip.Agr., B.Sc.(Agr.)(McG.) **Manager,  
 Macdonald Campus Farm**

Ginette Legault **Manager, Campus Housing**

Peter D.L. Knox; B.Sc.(Agr.)(McG.) **Supervisor,  
 Property Maintenance**

#### 9.1.3 Academic Staff

*Director* — Kristine G. Koski

*Professors* — Luis B. Agellon, Timothy A. Johns,  
 Harriet V. Kuhnlein

*Associate Professors* — Grace Egeland (*Canada Research  
 Chair*), Katherine Gray-Donald, Kristine G. Koski, Stan  
 Kubow, Louise Thibault, Hope Weiler (*Canada Research  
 Chair*), Linda Wykes (*William Dawson Scholar*), Grace S.  
 Marquis (*Canada Research Chair*)

*Lecturers* — Peter Bender (PT), Lynda Fraser (PT), Mary  
 Hendrickson, Linda Jacobs Starkey, Maureen Rose,  
 Joane Routhier, Sandy Phillips, Hugues Plourde,  
 Heidi Ritter

*Adjunct Professors* — Mary l'Abbé, Laurie Chan, Kevin A.  
 Cockell, Peter J.H. Jones

*Cross-Appointed Staff* — Food Science and Agricultural  
 Chemistry: Selim Kermasha  
 Medicine: Louis Beaumier, Franco Carli, Réjeanne Gougeon,  
 L. John Hoffer, Larry Lands, Errol Marliss, José Morais,  
 Thomas Schrickler, Jean-François Yale, Ralph  
 Lattermann,  
 Parasitology: Marilyn E. Scott  
 MUHC: Sonya Page

#### 9.1.4 General Information

The School of Dietetics and Human Nutrition is part of the  
 Faculty of Agricultural and Environmental Sciences which is  
 located on the Macdonald Campus of McGill University. The  
 Macdonald Campus is in Ste-Anne-de-Bellevue at the west-  
 ern end of the island of Montreal, 32 kilometres west of the  
 city of Montreal and can be reached by city bus, train service  
 and a McGill shuttle bus.

Health and well-being of individuals in relation to food  
 choices and physiological status prevail as the unifying  
 themes of the programs in the School of Dietetics and Human  
 Nutrition. The availability of food, normal metabolism, clinical  
 nutrition, community nutrition at the local and international  
 level, the evaluation of nutritional products and their use in  
 nutrition, and the communication of information about food  
 and health form the core of academic programs.

The School offers a B.Sc.(Nutr.Sc.) through majors in Die-  
 tetics and Nutrition. Professional Practice experiences in the  
 Dietetics Major are provided in the McGill teaching hospitals  
 and in a wide variety of health, education, business, govern-  
 ment and community agencies. The Dietetics Major leads to  
 membership in professional dietetics associations and eligi-  
 bility for professional registration.

Laboratory and lecture rooms are well supplied with mod-  
 ern and efficient teaching facilities, while the reference sec-  
 tion of the Macdonald Campus Library and the research  
 laboratories are equipped to permit the vigorous investigation  
 of problems at both the undergraduate and postgraduate  
 level.

### 9.2 Programs and Admission Information

#### 9.2.1 Degrees Offered

##### **Bachelor of Science in Nutritional Sciences – B.Sc.(Nutr.Sc.)**

Two undergraduate degree programs are offered by the  
 School. The Dietetics Major leads to professional qualifica-  
 tion. The Nutrition Major offers four study options: Nutritional  
 Biochemistry, Food Function and Safety, Global Nutrition, or  
 Sports Nutrition.

**M.Sc.A., M.Sc. and Ph.D.**

Graduate study is also offered at both the Master's and Doctoral levels. For further information, contact the School or refer to the *Graduate and Postdoctoral Studies Calendar*.

**Graduate Diploma in R.D. Credentialing****9.2.2 Application**

The academic year at McGill is made up of two sessions, the fall/winter or regular session, and the summer session. These are subdivided into the fall term (September to December), the winter term (January to April) and the four months of the summer session (May, June, July, and August). While most students enter in September, it is possible to be considered for admission to most of the Agricultural and Environmental Studies undergraduate programs in January. Please note: entry at the Freshman Program level is **not** available in January.

The deadlines for submission of applications are: January 15 (applicants studying outside of Canada), February 1 (applicants from Canadian high schools outside of Quebec), March 1 (all other applicants). All applications must be accompanied by a \$60 non-refundable fee, in Canadian or U.S. funds only, payable by certified cheque, money order or credit card. McGill does not offer application fee waivers.

Application to the School of Dietetics and Human Nutrition may be made on-line at [www.mcgill.ca/applying](http://www.mcgill.ca/applying). Information is available on that site or may be obtained from:

Enrolment Services  
McGill University  
845 Sherbrooke Street West  
Montreal, QC H3A 2T5  
Telephone: (514) 398-3910  
Fax: (514) 398-4193

Please note that the same application is used for all undergraduate programs at McGill and two program choices can be entered.

**9.2.3 Admission Requirements**

Applicants are not required to submit proof of proficiency in English if they meet **one** of the following conditions: their mother tongue/first language is English; they have completed both Secondary V and a Diploma of Collegial Studies in Quebec; they have completed the last five years of study in a French Baccalaurate International Option program, or in a French Lycée located in an English speaking country; they have completed A-Level English (other than English as a Second Language) with a final grade of C or better; their last five years of study (preceding application) have been at a learning institution where English is the main language of instruction (including applicants taught in English in Kenya, Liberia and Singapore).

**Quebec CEGEP Students**

Applicants must have completed a two-year Quebec post-secondary collegial program (CEGEP) in the Pure and Applied Sciences, Health Sciences, or Science de la nature. (Applicants who have completed the DEC en sciences, lettres et arts are also eligible for admission. Applicants who have completed a DEC in a technical area will be considered on an individual basis.)

McGill uses the *cote de rendement au collégial (cote r)* rather than CEGEP percentage grades for admission decisions. The *cote r* is a method of comparing and ranking students from CEGEP; it measures how far above or below the class average a student places, with adjustments based on the relative strength of the group.

The current CEGEP profile for the B.Sc.(Nutr.Sc.) is Biology (00UK, 00XU); Chemistry - NYA, NYB, Organic Chemistry I (00UL, 00UM, 00XV); Mathematics - NYA, NYB (00UN, 00UP); Physics - NYA, NYB, NYC (00UR, 00US, 00UT).

Based upon entry with the appropriate DEC, the B.Sc.(Nutr.Sc.) is offered as a 90-credit, three-year program for Nutrition and a 115-credit, three and one-half year program for Dietetics.

**Applicants from Other Canadian Provinces**

Applicants from provinces other than Quebec and Ontario must hold a high school diploma giving access to university education in their province/territory and have completed Grade 12 Mathematics (pre-calculus); two of: Grade 12 Biology, Chemistry or Physics; Grade 12 English or French (see note below explaining when English or French is required). Consideration will be given to the results for Grade 11 and 12 level courses (regardless of the calendar year in which they were taken), with emphasis on grades obtained in courses most relevant to the intended program of study. Generally speaking, all marks are taken into consideration in determining admission, including those of failed or repeated courses.

If the applicant comes from a school where the language of instruction is English, then Grade 12 English must be included in the academic record. If the applicant comes from a school where the language of instruction is French, then Grade 12 French is required. English and French Second Language courses are not accepted as prerequisites.

**Applicants from Ontario**

Applicants from Ontario must have completed the Ontario Secondary School Diploma (OSSD), a minimum of six OAC, 4U and/or 4M courses combined. (At least one of: OAC Calculus, OAC Algebra and Geometry, MCB4U or MGA4U; Two different science subjects from the following list: OAC Biology or SBI4U, OAC Chemistry or SCH4U, OAC Physics or SPH4U, OAC or 4U English or French - see note below explaining when English or French is required.)

If the applicant comes from a school where the language of instruction is English, then OAC English or 4U level English or EAE4A must be included in the six courses. If the applicant comes from a school where the language of instruction is French, then OAC French (FRAOA or FLIOA) or 4U level French or English EALOA or EAL4U must be included in the six courses. Please note: English and French Second Language courses are not accepted as prerequisites.

At least four of the six required courses, as well as all prerequisite courses must be taken at the OAC or 4U level. Admissions criteria will focus primarily on the top six OAC, 4U and/or 4M courses (including specified prerequisite courses). Generally speaking, all marks are taken into consideration in determining admission, including those of failed or repeated courses.

Every attempt has been made to report accurately on admission requirements in effect at the time of printing. Given the recent Ontario curriculum reform and the resulting array of new courses, it should be noted that McGill reserves the right to revise its admission requirements without prior notice.

**Applicants from U.S. High School Programs**

Applicants who are applying on the basis of a high school diploma from a school in the United States must have completed a pre-calculus course in functions, and at least two of biology, chemistry, and physics. Applicants must write College Entrance Examination Board tests including the SAT I and three SAT IIs. SAT IIs must include mathematics and at least one science. ACTs are also acceptable.

Applicants who have completed Advanced Placement Examinations in appropriate subjects with a grade of 4 or better will be granted some advanced standing, up to a maximum of 30 credits.

Students who are accepted on the basis of a high school diploma enter a program which is extended by one year to include the 30 credits which comprise the Freshman Year.

**Applicants from Other Countries**

The normal basis for review of a file is completion of the credentials which lead to university admission in the applicant's country of study.

Students from the United Kingdom and Commonwealth countries may be admitted if they have completed Advanced Level examinations in chemistry, physics, and mathematics with two B's

and one C or better in each, and five appropriate G.C.S.E. subjects at the Ordinary Level, including biology and English.

Advanced Level examination results which are appropriate to the intended program of studies will be assessed for advanced standing and credit when the results are received directly from the appropriate Examination Board. A maximum of 30 credits is granted for Advanced Level papers and a maximum of 10 credits for papers in Mathematics. Credit is normally granted only for grades of C or better.

Students who have a very good academic record in Lower Form VI and excellent results in at least five G.C.S.E. subjects at the Ordinary Level may be considered for admission to a program requiring the completion of a minimum of 120 credits.

For students applying on the basis of the French Baccalaureate, the minimum requirement is the Diploma in Series S in the "Première Groupe" with Mention "assez bien".

#### **Applicants with the International Baccalaureate**

Applicants should have completed Higher or Subsidiary Level mathematics and normally two of biology, chemistry, or physics. Ten advanced standing credits may be granted for mathematics and science Higher Level subjects completed within the IB Diploma, up to the maximum of 30 credits, while 6 credits will be given for non-science Higher Level examinations taken as part of the Diploma or for Higher Level Certificate subjects.

#### **Transfer Students**

Students wishing to transfer from other universities and colleges are considered for admission on the basis of both their university work and previous studies. A minimum of 60 credits of work must be completed at McGill if a degree is to be granted. Students must also fulfil the requirements of a degree program. Credits are determined only once a formal application and all the necessary supporting documents are received.

Basic science requirements are: two semesters of biology; two semesters of general chemistry, with labs; one semester of organic chemistry; two semesters of physics (including mechanics, electricity and magnetism, and waves and optics), with labs, and one semester in each of differential and integral calculus. A grade of B or better is expected in prerequisite mathematics and science courses.

This same policy is applicable to holders of undergraduate degrees.

#### **Transfer Students – Inter-Faculty**

Students wishing to transfer from one faculty to another must complete an inter-faculty transfer form. The deadline for submitting a transfer form for admission to the School is June 1 for admission in September and November 1 for admission in January.

#### **Mature Student Admission**

Residents of Canada who will be 23 years of age or older by September 1 (for admission for the fall session) or January 1 (for admission for the winter session) and who lack the academic background normally required for admission may apply for entrance as mature students. Individuals interested in being considered for entrance under this policy should contact the Student Affairs Office for complete details.

## **9.3 Academic Information and Regulations**

Students in the B.Sc.(Nutr.Sc.) programs are governed by the rules and regulations of the Faculty of Agricultural and Environmental Sciences, excerpts of which are given below. Additional information regarding the credit and grading system, examination regulations, withdrawal policies, etc. is contained in the Faculty and General University Information sections of the *Undergraduate Programs Calendar* which is sent to accepted applicants with their offer of admission.

### **9.3.1 Academic Credit Transfer**

Transfer credits based on courses taken at other institutions (completed with a grade of C or better) before entrance to this Faculty are calculated and assigned after an accepted applicant has confirmed that s/he is accepting the offer of admission.

Transfer credits may also be granted for courses taken at other institutions (completed with a grade of C or better) during a student's attendance at McGill University. Permission to apply such credits to a program in this faculty must be secured by the student before the work is undertaken. Prior Approval Forms are available in the Student Affairs Office in the Faculty. Grades obtained in such courses do not enter into calculations of grade point averages (GPA).

Exemption from a required or complementary course on the basis of work completed at another institution must be approved by both the Instructor of the appropriate McGill course and the Academic Adviser.

Full-time degree students may register, with approval of the Student Affairs Office, for course(s) at any university in the province of Quebec. These courses successfully completed with a minimum grade of C (according to the standards of the university giving the course), will be recognized for the purpose of the degree but the grades obtained will not enter into calculations of GPA. For further details, go to [www.crepuq.qc.ca](http://www.crepuq.qc.ca) to access the on-line application.

### **9.3.2 Standing**

The program for the degree with a Major in Nutrition will normally be completed in three academic years or six semesters (following the Freshman Year, if one is required). The degree with a Major in Dietetics will normally be completed in three and one-half academic years or seven semesters. For the purpose of student classification, the years will be termed U1, U2 and U3.

- U1 to be used during the first 12 months following each admission to a degree program in which the student is required to complete 72 or more credits at the time of admission.
- U2 to be used for all students who are not U1 or U3.
- U3 to be used during the session in which it is expected the student will qualify to graduate.

#### **Academic Advisers**

Before registration, all students entering the Faculty must consult with the Academic Adviser of their program for selection and scheduling of required, complementary, and elective courses.

The Academic Adviser will normally continue to act in this capacity for the duration of the student's studies in the Faculty.

A Faculty Adviser is also available in the Student Affairs Office to assist students with student record related matters.

### **9.3.3 Degree Requirements**

To be eligible for a degree, students must have passed all required and complementary courses and also any specified electives recommended by their Adviser. They must have accumulated at least 90 credits for the Nutrition Major and at least 115 credits for the Dietetics Major including four levels of professional formation. At least 60 credits must be taken at McGill. A CGPA of at least 2.5 is required for graduation.

## **9.4 Academic Programs**

### **DIETETICS MAJOR**

Academic Advising Coordinator: Sandy Phillips, M.Sc., R.D.

Graduates are qualified for challenging professional and leadership positions related to food and health, as dietitians, nutritionists and food administrators. The designations "Dietitian" and "Nutritionist" reserved titles associated with reserved acts in the prov-



ince of Quebec. As clinical nutritionists, dietitians may work in health-care settings, nutrition counselling centres, clinics and private practice. As community nutritionists, dietitians are involved in nutrition education programs through school boards, sports centres and local and international health agencies. The dietitian in the food service sector participates in all aspects of management to assure quality food products. Postgraduate programs are available to qualified graduates. The duration of the program is three and one-half years.

Successful graduates are qualified for membership in Dietitians of Canada and the l'Ordre professionnel des diététistes du Québec. Forty weeks of supervised professional experience in clinical and community nutrition and food service systems management are included.

**Required Courses:** 100 credits

Note: The School firmly applies prerequisite requirements for registration in all required courses in the Dietetics Major. All required and complementary courses must be passed with a minimum grade of C.

**Complementary Courses:** 6 credits

**Electives:** 9 credits to meet the minimum credit requirements for the degree.

	<b>CREDITS</b>
<b>Term 1</b>	<b>15</b>
AGEC 242 Management Theories and Practices	3
FDSC 211 Biochemistry 1	3
NUTR 207 Nutrition and Health	3
NUTR 214 Food Fundamentals	3
One Elective or Complementary (see list below)	3
<b>Term 2</b>	<b>15</b>
ANSC 234 Biochemistry 2	3
MICR 230 Introductory Microbiology	3
NUTR 208* Stage in Dietetics 1	1
NUTR 217 Application: Food Fundamentals	3
NUTR 322 Applied Sciences Communications	2
One Elective or Complementary (see list below)	3
<b>Summer</b>	<b>3</b>
NUTR 209* Professional Practice Stage 1B	3
<b>Term 3</b>	<b>18</b>
AEMA 310 Statistical Methods 1	3
AGEC 343 Accounting and Cost Control	3
ANSC 323 Mammalian Physiology	4
ANSC 330 Fundamentals of Nutrition	3
NUTR 345 Food Service Systems Management	2
One Elective or Complementary (see list below)	3
<b>Term 4</b>	<b>16</b>
ANSC 424 Metabolic Endocrinology	3
NUTR 310* Stage in Dietetics 2A	1
NUTR 337 Nutrition Through Life	3
NUTR 344 Clinical Nutrition 1	4
NUTR 346 Quantity Food Production	2
One Elective or Complementary (see list below)	3
<b>Summer</b>	<b>5</b>
NUTR 311* Stage in Dietetics 2B	5
<b>Term 5</b>	<b>17</b>
NUTR 403 Nutrition in Society	3
NUTR 445 Clinical Nutrition 2	5
NUTR 446 Applied Human Resources	3
NUTR 450 Research Methods: Human Nutrition	3
One Elective or Complementary (see list below)	3
<b>Term 6</b>	<b>12</b>
NUTR 409* Stage in Dietetics 3	8
NUTR 436 Nutritional Assessment	2
NUTR 438 Interviewing and Counselling	2
<b>Term 7</b>	<b>14</b>
NUTR 510* Professional Practice - Stage 4	14

**Two Complementary Courses are to be selected from the following, as specified:**

3 credits of Human Behavioural Science courses chosen from:  
 NUTR 301 (3) Psychology  
 or equivalent course from another faculty.

3 credits from the social sciences that may include:

- AGEC 200 (3) Principles of Microeconomics
  - AGEC 230 (3) Agricultural and Food Marketing
  - ENVR 201 (3) Society and Environment
  - ENVR 203 (3) Knowledge, Ethics and Environment
  - RELG 270 (3) Religious Ethics and the Environment
- or equivalent courses from another faculty.

**Elective Courses:**

The following courses most often fit the timetable; language courses may also be selected; elective choice is not limited to these courses.

- FDSC 200 (3) Introduction to Food Science
- FDSC 425 (3) Principles of Quality Assurance
- NUTR 420 (3) Toxicology and Health Risks
- NUTR 430 (3) Directed Studies: Dietetics and Nutrition 1
- NUTR 451 (3) Analysis of Nutrition Data
- NUTR 501 (3) Nutrition in Developing Countries
- NUTR 503 (3) Bioenergetics and the Lifespan
- NUTR 511 (3) Nutrition and Behaviour
- NUTR 512 (3) Herbs, Foods and Phytochemicals

\* Successful completion of all component parts of each level of Stage (Professional Practice) in Dietetics courses is a prerequisite for the next level and must be passed with a minimum grade of C. Undergraduate registration is restricted to students in the Dietetics Major, CGPA greater than or equal to 2.50. Students in the Dietetics Major who have a CGPA below a 2.50 for two consecutive years will not be permitted to continue in the program.

Students are reminded that ethical conduct on Professional Practice (Stage) rotations is required. The Faculty reserves the right to require the withdrawal of any student at any time if it (Faculty) feels the student has displayed unprofessional conduct or demonstrates incompetence.

**A compulsory immunization program** exists at McGill which is required for Dietetics students to practice. Students should complete their immunization before arriving at Macdonald Campus; medical/health documentation must be received prior to commencement of Stage.

**NUTRITION MAJOR**

Academic Advising Coordinator: Kristine G. Koski, Ph.D.,  
 R.D. (USA)

This Major covers the many aspects of human nutrition and food and gives first, an education in the scientific fundamentals of these disciplines and second, an opportunity to focus in (a) nutritional biochemistry and metabolism, (b) global nutrition issues, (c) food function, product development and safety and/or (d) sports nutrition. Graduates are qualified for careers in pharmaceutical and/or food industries or government laboratories, the health science communications field, sports clinics and national or international food support programs. Graduates often continue on to further studies preparing for careers in research, medicine, and dentistry or as specialists in nutrition. Aside from working as university teachers and researchers, postgraduates may be employed by government and health protection agencies, in world development programs or in the food sector.

*(Program requirements are currently under revision)*

**Required Courses:** 55 credits

All required courses must be passed with a minimum grade of C.

**Complementary Courses:** 15/16 credits

**Electives:** 17/18 credits to meet the minimum credit requirement for the degree. Reciprocal agreement allows all students to take a limited number of electives at any Quebec university. With prior approval students can take electives at any Canadian or international university.

*Students please note FDSC 212 has been retired and program requirements are under review.*

		<b>CREDITS</b>
<b>Required Courses:</b>		<b>55</b>
<b>Term 1</b>		
FDSC 211	Biochemistry 1	3
FDSC 212	Bioseparation Techniques	3
NUTR 207	Nutrition and Health	3
NUTR 214	Food Fundamentals	3
<b>Term 2</b>		
ANSC 234	Biochemistry 2	3
FDSC 251	Food Chemistry 1	3
MICR 230	Introductory Microbiology	3
NUTR 322	Applied Sciences Communication	2
<b>Term 3</b>		
ANSC 323	Mammalian Physiology	4
AEMA 310	Statistical Methods 1	3
FDSC 305	Food Chemistry 2	3
<b>Term 4</b>		
ANSC 424	Metabolic Endocrinology	3
NUTR 337	Nutrition Through Life	3
NUTR 344	Clinical Nutrition 1	4
<b>Term 5</b>		
NUTR 420	Toxicology and Health Risks	3
NUTR 450	Research Methods: Human Nutrition	3
NUTR 451	Analysis of Nutrition Data	3
NUTR 512	Herbs, Foods, and Phytochemicals	3
<b>Complementary Courses:</b>		<b>15/16</b>
One of the following courses:		<b>3</b>
NUTR 307	Human Nutrition	
or ANSC 330 Fundamentals of Nutrition		
And one of the following sets of 12/13 credits.		<b>12/13</b>
<b>Nutritional Biochemistry:</b>		<b>13</b>
ANSC 551	Carbohydrate and Lipid Metabolism	3
ANSC 552	Protein Metabolism & Nutrition	3
CELL 204	Genetics	4
PARA 438	Immunology	3
<b>Global Nutrition:</b>		<b>12</b>
AGRI 340	Principles of Ecological Agriculture	3
NRSC 340	Global Perspectives on Food	3
NUTR 403	Nutrition in Society	3
NUTR 501	Nutrition in Developing Countries	3
<b>Food Function and Safety:</b>		<b>12</b>
FDSC 300	Principles of Food Analysis 1	3
FDSC 315	Separation Techniques in Food Analysis 1	3
FDSC 319	Food Commodities	3
FDSC 425	Principles of Quality Assurance	3
<b>Sports Nutrition:</b>		<b>12</b>
ANAT 214	Systemic Human Anatomy	3
or EDKP 205 Structural Anatomy		3
EDKP 391	Physiology in Sport and Exercise	3
EDKP 495	Scientific Principles of Training	3
NUTR 503	Bioenergetics and the Life Span	3

#### MINOR IN HUMAN NUTRITION

Academic Adviser: Linda Wykes, Ph.D.

The Minor in Human Nutrition is intended to complement a student's primary field of study by providing a focused introduction to the metabolic aspects of human nutrition. It is particularly accessible to students in Biochemistry, Biology, Physiology, Anatomy and

Cell Biology, Microbiology and Immunology, Animal Science or Food Science programs. The completion of 24 credits is required, of which at least 18 must not overlap with the primary program. All courses must be taken in the appropriate sequence and passed with a minimum grade of C. Students may declare their intent to follow the Minor program at the beginning of their U2 year. They must then consult with the Academic Adviser for the Human Nutrition Minor in the School of Dietetics and Human Nutrition to obtain approval for their course selection. Since some courses may not be offered every year and many have prerequisites, students are cautioned to plan their program in advance.

The Minor program does not carry professional recognition; therefore, it is not suitable for students wishing to become nutritionists or dietitians. However, successful completion may enable students to qualify for many postgraduate nutrition programs.

**Required Courses:** 6 credits

**Complementary Courses:** 18 or 19 credits

		<b>CREDITS</b>
<b>Required Courses:</b>		<b>6</b>
NUTR 337	Nutrition Through Life	3
NUTR 450	Research Methods: Human Nutrition	3
<b>Complementary Courses:</b>		<b>18 or 19</b>

3 credits in biochemistry, one of:

ANSC 234	(3) Biochemistry 2
BIOC 311	(3) Metabolic Biochemistry

3 or 4 credits in physiology, one of:

ANSC 323	(4) Mammalian Physiology
PHGY 210	(3) Mammalian Physiology 2
PHGY 202	(3) Human Physiology: Body Functions

3 credits in nutrition, one of:

ANSC 330	(3) Fundamentals of Nutrition
NUTR 307	(3) Human Nutrition

8 or 9 credits from the following list:

ANSC 551	(3) Carbohydrate and Lipid Metabolism
ANSC 552	(3) Protein Metabolism and Nutrition
MIMM 314	(3) Immunology
or PARA 438 (3) Immunology	
NUTR 403	(3) Nutrition in Society
NUTR 451	(3) Analysis of Nutrition Data
NUTR 436	(2) Nutritional Assessment
NUTR 420	(3) Toxicology and Health Risks
NUTR 512	(3) Herbs, Foods and Phytochemicals
NUTR 501	(3) Nutrition in Developing Countries
NUTR 430	(3) Directed Studies: Dietetics and Nutrition 1
or NUTR 431 (3) Directed Studies: Dietetics and Nutrition 2	
PATH 300	(3) Human Disease

#### Notes:

- Most courses listed at the 300 level and higher have prerequisites. Although instructors may waive prerequisite(s) in some cases, students are urged to prepare their program of study well before their final year.
- Some courses may not be offered every year. For information on available courses, consult Class Schedule at [www.mcgill.ca/minerva](http://www.mcgill.ca/minerva); complete listings can be found in the Courses section of this Calendar.

## 9.5 Courses

**All pre- and co-requisites in a course sequence leading to a more advanced course must be successfully completed before registration will be permitted in the advanced course.**

**‡ Successful completion of all components parts of each level of Professional Practice (Stage) in Dietetics is a prerequisite for the next level. All required and complementary courses listed in semesters prior to or with a Stage are prerequisites for that level.**

**Undergraduate registration is restricted to students in the Dietetics Major, CGPA greater than or equal to 2.50. Visiting students contact the Advising Coordinator regarding eligibility for specific courses.**

The course credit weight is given in parentheses after the title. Term(s) offered (Fall, Winter, Summer) may appear after the credit weight to indicate when a course would normally be taught. Please check the Class Schedule to confirm this information.

★ Denotes courses taught only in alternate years.

### 9.5.1 Nutrition and Dietetics

● **NUTR 200 CONTEMPORARY NUTRITION.** (3) (Restriction: Not open for credit to students with a biology or chemistry course in their program, or to students registered in the School of Dietetics and Human Nutrition, or to students who take NUTR 207) Provides students without a biology/chemistry background with the fundamental tools to critically assess nutrition related information, to evaluate their own diets, and to implement healthy changes. Emphasis is on current issues and maximizing health and disease prevention at different stages of the lifecycle.

**NUTR 207 NUTRITION AND HEALTH.** (3) (Fall) (3 lectures) (Corequisites: BIOL 401 or FDSC 230) (Restriction: Not open to students who take NUTR 200 or NUTR 307 or who have taken PHGY 311 or BIOC 311) (Restriction: Science students in physical science and psychology programs who wish to take this course should see the Arts and Science Student Affairs Office for permission to register.) Provides students who have a basic biology/chemistry background with the fundamental information on how macronutrients, vitamins and minerals are metabolized in the body, followed by application to evaluate current issues of maximizing health and disease prevention at different stages of the lifecycle.

‡ **NUTR 208 STAGE IN DIETETICS 1.** (1) (Winter) (Prerequisites: all Required courses in Term 1 of the Dietetics Major.) (Corequisites: All Required courses in Term 2 of the Dietetics Major) (Restriction: Dietetics Major or Special Students (professional credentialing)) Introduction to the dietetics profession; principles and policies in food and nutrition essential to entry-level dietetics experiences; practice in dietary interviewing, problem solving and report writing related to Level 1 Professional Practice placements.

● ‡ **NUTR 209 PROFESSIONAL PRACTICE STAGE 1B.** (3) Directed, supervised experiences in nutrition services and food service operations management; integration into the professional team.

**NUTR 214 FOOD FUNDAMENTALS.** (3) (Fall) (2 lectures and one 4-hour lab) (Prerequisite: FDSC 230 or corequisite with instructor's permission.) (Corequisite FDSC 211.) Study of composition, structure and chemical and physical properties of foods. To understand the scientific principals underlying chemical and physical phenomena that occur during the preparation of food. Laboratory emphasis on developing skills in handling and preparing food, and food assessment by sensory evaluation.

**NUTR 217 APPLICATION: FOOD FUNDAMENTALS.** (3) (Winter) (2 lectures and one 4-hour lab) (Prerequisite: NUTR 214) A more intensive study of food and complex food mixtures, including their chemical and physical properties. Learning how to control the changes that take place during the preparation of food to obtain palatable, nutritious and safe food. An introduction to culturally determined food habits. Laboratory emphasis on acquiring new knowledge and application to basic food preparation and cooking principles.

**NUTR 301 PSYCHOLOGY.** (3) (Fall) (2 lectures and 1 conference) A study of the general characteristics of physical, social, emotional and intellectual development, the psychology of learning, and the growth and development of personality.

**NUTR 307 HUMAN NUTRITION.** (3) (Fall) (Prerequisites: BIOL 201 or AEBI 202, CHEM 212 or FDSC 230 or permission of the instructor.) (Corequisite: BIOC 311 or PHGY 202 or PHGY 210 or NUTR 207.) (3 lecture hours and 1 tutorial/conference hour.) Nutrition in human health and disease from the molecular to the organismal

level. Nutrigenomics, the impact of genotype on nutrient metabolism, health and disease risk, and the role of nutrients in metabolic regulation.

‡ **NUTR 310 STAGE IN DIETETICS 2A.** (1) (Winter) (One 2-hour conference/week) Human food intake assessment and evaluation will be practiced including modules on dietary interviewing, nutrition education teaching plans and documentation for the medical record. Practical aspects of health and food service administration will be addressed.

‡ **NUTR 311 STAGE IN DIETETICS 2B.** (5) Two interrelated modules of directed experience in normal and clinical nutrition and foodservice management, in health care settings and the private sector.

**NUTR 322 APPLIED SCIENCES COMMUNICATION.** (2) (Fall) (2 lectures, 1 lab) (Prerequisite: Completion of 15 credits in a B.Sc. program) The principles and techniques of communicating applied sciences to individuals and groups in both the professional and public milieu. Effective public speaking and group interaction techniques. Communication materials selection, development, use, and evaluation. Writing for the media. Balancing risk and reason in communicating scientific findings.

**NUTR 337 NUTRITION THROUGH LIFE.** (3) (Winter) (3 lectures, 1 conference) (Prerequisite: ANSC 330 or NUTR 307) Emphasis on applied quantitative aspects of human nutrition. Nutrient utilization, evaluation and requirements, as related to dietary standards.

**NUTR 344 CLINICAL NUTRITION 1.** (4) (Winter) (Two 2-hour lectures) (Prerequisite: ANSC 323.) (Corequisite: NUTR 337.) Clinical nutrition assessment and dietary modification of pathological conditions including hypertension, lipid disorders and cardiovascular disease, obesity, diverticulosis, cancer, COPD, anorexia nervosa and bulimia.

**NUTR 345 FOOD SERVICE SYSTEMS MANAGEMENT.** (2) (Fall) (Prerequisite: NUTR 209.) An introductory course applying the principles of organizational management within the healthcare foodservice industry. Emphasis on understanding standards of quality control, customer relations and sanitation. Budget preparation, scheduling and cost control as well as menu preparation, recipe standardization and costing.

**NUTR 346 QUANTITY FOOD PRODUCTION.** (2) (Winter) (Prerequisite: NUTR 345) Quantity food planning, costing, and evaluation. Laboratory experience with quantity food production following principles of food sanitation and safety, food quality and cost-evaluation.

**NUTR 403 NUTRITION IN SOCIETY.** (3) (Fall) (3 hour conference) (Prerequisite: NUTR 337) Sociocultural and economic influences on food choice and behaviour; health promotion and disease prevention through nutrition, particularly in high risk populations; the interaction of changing environment, food availability and quality as they affect health.

‡ **NUTR 409 STAGE IN DIETETICS 3.** (8) (Winter: 10 weeks) Four interrelated modules of directed experience in clinical nutrition, foodservice management, normal nutrition education and community nutrition, in health care settings and the private sector.

● **NUTR 420 TOXICOLOGY AND HEALTH RISKS.** (3) (Fall) (3 lectures) (Prerequisite: FDSC 211, BIOL 201 or BIOC 212) (Restriction: This course is not open to students who have taken NUTR 361) Basic principles of toxicology, health effects of exposure to environmental contaminants such as heavy metals, pesticides and radionuclides and ingestion of food toxicants such as food additives and preservatives; natural toxins in plants and marine foods, human health, ecosystem health, safety evaluation, risk assessment, and current Canadian regulations.

**NUTR 430 DIRECTED STUDIES: DIETETICS AND NUTRITION 1.** (3) (Fall and Winter) An individualized course of study in dietetics/human nutrition under the supervision of a staff member with expertise on a topic not otherwise available in a formal course. A written agreement between student and staff member must be made before registration and filed with the Program Coordinator.

**NUTR 431 DIRECTED STUDIES: DIETETICS AND NUTRITION 2.** (3) (Fall or Winter) An individualized course of study in dietetics/human nutrition under the supervision of a staff member with expertise on a topic not otherwise available in a formal course. A written agreement between student and staff member must be made before registration and filed with the Program Coordinator.

**NUTR 431D1 (1.5), NUTR 431D2 (1.5) DIRECTED STUDIES: DIETETICS AND NUTRITION 2.** (Students must register for both NUTR 431D1 and NUTR 431D2.) (No credit will be given for this course unless both NUTR 431D1 and NUTR 431D2 are successfully completed in consecutive terms) (NUTR 431D1 and NUTR 431D2 together are equivalent to NUTR 431) An individualized course of study in dietetics/human nutrition under the supervision of a staff member with expertise on a topic not otherwise available in a formal course. A written agreement between student and staff member must be made before registration and filed with the Program Coordinator.

**NUTR 432 DIRECTED STUDIES: DIETETICS AND NUTRITION 3.** (3) (Fall and Winter) An individualized course of study in dietetics/human nutrition under the supervision of a staff member with expertise on a topic not otherwise available in a formal course. A written agreement between student and staff member must be made before registration and filed with the Program Coordinator.

**NUTR 433 DIRECTED STUDIES: DIETETICS AND NUTRITION 4.** (5) (Fall or Winter or Summer) (Limited enrolment) (Prerequisite: registration in NUTR 409 or equivalent.) (Restriction: students in the Dietetics Major or documentation of requirement for professional registration) An individualized course of study in dietetics and human nutrition not available through other courses in the School. Emphasis will be placed on application of foods and nutrition knowledge, analytic and synthesis skills, and time management. A written agreement between student and instructor must be made before registration. A "C" grade is required to pass the course.

**NUTR 436 NUTRITIONAL ASSESSMENT.** (2) (Winter) (Prerequisite: NUTR 337) (2 lectures) An intense 4-week course focused on resolving clinically based case studies. The objectives: to develop skills in clinical problem solving, learn principles and methods for assessing the nutritional status of patients and to become skilled at interpreting clinical data relevant to assessing nutritional status and prognosis of hospitalized patients.

**NUTR 438 INTERVIEWING AND COUNSELLING.** (2) (Winter) (Two 2-hour conferences) (Prerequisite: NUTR 344 and NUTR 311) Theories of behaviour change. Techniques and skills as applicable to the dietitian's role as communicator, interviewer, counsellor, educator, motivator and nutrition behaviour change specialist.

**NUTR 445 CLINICAL NUTRITION 2.** (5) (Fall) (Two 2.5-hour lectures) (Prerequisite: NUTR 344 and ANSC 424) Clinical nutrition intervention for gastrointestinal and liver disease, hypermetabolic states, diabetes mellitus, renal disease and inborn errors of metabolism, enteral/parenteral nutrition management.

**NUTR 446 APPLIED HUMAN RESOURCES.** (3) (Fall) (3 lectures, 1 conference) (Prerequisite: AGE 242) The management of people at work. Employee development and the leadership role. The nature of collective bargaining, the role of unions and management.

**NUTR 450 RESEARCH METHODS: HUMAN NUTRITION.** (3) (Fall) (2 lectures, 3 hours research, 4 hours other) (Prerequisite: NUTR 337, AEMA 310 or BIOL 373) Introduction to methods of clinical, community, international, and laboratory-based nutrition research. Lectures, readings and assignments will cover basic research concepts. Students undertake a computer directed literature search and analysis.

**NUTR 451 ANALYSIS OF NUTRITION DATA.** (3) (Fall) (Prerequisite: NUTR 337.) (Corequisite: NUTR 450) An applied course in analysis and interpretation of nutrition data sets. Introduction to specialized dietary and anthropometric computer programs. Written and oral presentation of results.

● **NUTR 480 INDUSTRIAL STAGE/NUTRITION.** (12) (Note: Open to students who have a minimum of 60 credits in the Double Major Food Science/Nutritional Science or permission of department.)

Stage with an approved host organization in the nutrition product industry.

● **NUTR 497 PROFESSIONAL SEMINAR: NUTRITION.** (1.5) (Note: Open to students who have completed a minimum of 75 credits in the dual degree/concurrent program in Food Science/Nutritional Science or permission of Department.) A capstone course which requires a student to research a topic relevant to an industrial aspect of Nutritional Science, prepare a report and communicate that information to a peer audience in a succinct and professional manner.

**Graduate courses are available to undergraduate students at the U3 level, with permission of instructor. Note: not all graduate courses are offered each year.**

**NUTR 501 NUTRITION IN DEVELOPING COUNTRIES.** (3) (Fall) (2 lectures and one seminar) (Prerequisite: For undergraduate students, consent of instructor required) This course will cover the major nutritional problems in developing countries. The focus will be on nutrition and health and emphasize young children and other vulnerable groups. The role of diet and disease for each major nutritional problem will be discussed.

**NUTR 503 BIOENERGETICS AND THE LIFESPAN.** (3) (Fall) (Prerequisites: Undergraduate Basic Biochemistry (3 credits), Undergraduate Mammalian Physiology (EDKP 331 or PHGY 202 or PHGY 210 or ANSC 323), Undergraduate Introductory Nutrition (EDKP 392 or NUTR 207 or NUTR 307).) Multidisciplinary approach that integrates principles of bioenergetics with nutrition through the lifespan.

‡ **NUTR 510 PROFESSIONAL PRACTICE - STAGE 4.** (14) (Fall: 16 weeks) (Prerequisite: NUTR 409) (Restriction: Undergraduate registration is restricted to students in the Dietetics Major, CGPA greater than, or equal to 2.50) Interrelated modules of directed experience in clinical nutrition, foodservice management, nutrition education and community nutrition, in health care setting and in the private sector.

● **NUTR 511 NUTRITION AND BEHAVIOUR.** (3) (2 lectures and one seminar) (Prerequisite: NUTR 445 for undergraduate students or consent of instructor) Discussion of knowledge in the area of nutrition and behaviour through lectures and critical review of recent literature; to discuss the theories and controversies associated with relevant topics; to understand the limitations of our knowledge. Topics such as diet and brain biochemistry, stress, feeding behaviour and affective disorders will be included.

**NUTR 512 HERBS, FOODS AND PHYTOCHEMICALS.** (3) (3 lectures and a project) (Prerequisite (Undergraduate): FDSC 211 or BIOL 201 or BIOC 212) An overview of the use of herbal medicines and food phytochemicals and the benefits and risks of their consumption. The physiological basis for activity and the assessment of toxicity will be presented. Current practices relating to the regulation, commercialization and promotion of herbs and phytochemicals will be considered.

## 9.5.2 Courses Offered by Other Units

Given below are descriptions of courses offered by other units within the Faculty which form part of the B.Sc.(Nutr.Sc.) as required, Complementary or commonly used Elective Courses. For additional courses in Agricultural and Environmental Sciences, please see the *Undergraduate Programs Calendar*. McGill University Calendars are available on the Web ([www.mcgill.ca/courses](http://www.mcgill.ca/courses)).

**AEMA 310 STATISTICAL METHODS 1.** (3) (Two 1.5-hour lectures and one 2-hour lab) Measures of central tendency and dispersion; binomial and Poisson distributions; normal, chi-square, Student's t and Fisher-Snedecor F distributions; estimation and hypothesis testing; simple linear regression and correlation; analysis of variance for simple experimental designs.

**AGEC 200 PRINCIPLES OF MICROECONOMICS.** (3) (Fall) (3 lectures) The field of economics as it relates to the activities of individual consumers, firms and organizations. Emphasis is on the

application of economic principles and concepts to everyday decision making and to the analysis of current economic issues.

● ★ **AGEC 201 PRINCIPLES OF MACROECONOMICS.** (3) (Winter) (3 lectures) (Prerequisite: AGEC 200 or equivalent) The overall economic system, how it works, and the instruments used to solve social problems. Emphasis will be on decision-making involving the entire economic system and segments of it.

**AGEC 231 ECONOMIC SYSTEMS OF AGRICULTURE.** (3) (Winter) (3 lectures) (Prerequisite: AGEC 200 or equivalent) The structure and organization of Canada's agriculture-food system, the operation, financing, linkages, and functions of its components. Focus to be on management of the various components and the entire system, types of problems confronted now and in the future.

**AGEC 242 MANAGEMENT THEORIES AND PRACTICES.** (3) (Fall) (3 lectures) An introduction to contemporary management theories and practices in organizations of the food sector.

**AGEC 343 ACCOUNTING AND COST CONTROL.** (3) (Fall) (3 lectures) An introduction to the basic principles and concepts of responsibility accounting and cost control, analysis and utilization of financial statements and control system data for decision making.

**AGRI 340 PRINCIPLES OF ECOLOGICAL AGRICULTURE.** (3) (3 lectures and one 2-hour seminar) (Restriction: Not open to students who have taken AGRI 250) Focus on low-input, sustainable, and organic agriculture: the farm as an ecosystem; complex system theory; practical examples of soil management, pest control, integrated crop and livestock production, and marketing systems.

**ANAT 214 SYSTEMIC HUMAN ANATOMY.** (3) (Fall) (2 hours lectures, 2 hours practical tutorial) (Restriction: Open to students in biological sciences) (Recommended: to U2 students in Anatomy and Cell Biology) Introduction to the gross anatomy of the various organ systems of head, neck and trunk regions of the human body. Practical tutorials include studies of prepared specimens, use of the anatomical museum and audio-visual materials. This course is limited in size. Selection of students (other than those requiring the course as part of their program) will be made after the first lecture. (Admission is guaranteed for all students enrolled in programs in the Department of Anatomy and Cell Biology for which ANAT 214 is a required course.)

**ANSC 234 BIOCHEMISTRY 2.** (3) (Winter) (3 lectures and one 3-hour lab) (Prerequisite: FDSC 211) Metabolism in humans and domestic animals. The chemistry of alimentary digestion, absorption, transport, intermediary metabolism and excretion.

**ANSC 424 METABOLIC ENDOCRINOLOGY.** (3) (Winter) (3 lectures and one 3-hour lab) (Prerequisite: ANSC 323) A detailed study of the endocrine system and its role in the maintenance of homeostasis in higher vertebrates, including the endocrine regulation of energy balance.

**ANSC 551 CARBOHYDRATE AND LIPID METABOLISM.** (3) (Winter) (3 lectures) Comparative aspects of nutrition and metabolism of carbohydrate and lipid from the cellular level through the multi-organ of the whole organism. Main topics will include biothermodynamics, calorimetry, cellular metabolism and functions of carbohydrate and lipid, digestion, absorption and utilization of dietary carbohydrate and lipid.

**ANSC 552 PROTEIN METABOLISM AND NUTRITION.** (3) (Fall) (3 lectures) Comparative aspects of nutrition and metabolism of amino acids and proteins from the cellular level on through the multisystem operation of the whole organism. Main topics include cellular metabolism and functions of amino acids and proteins, digestion, absorption and utilization of dietary protein. Comparison between farm animals and humans.

**BIOC 311 METABOLIC BIOCHEMISTRY.** (3) (Fall) (Prerequisites: BIOL 200, BIOL 201 or BIOL 212, CHEM 222) The generation of metabolic energy in higher organisms with an emphasis on its regulation at the molecular, cellular and organ level. Chemical concepts and mechanisms of enzymatic catalysis are also emphasized. Included: selected topics in carbohydrate, lipid and nitrogen

metabolism; complex lipids and biological membranes; hormonal signal transduction.

**CELL 204 GENETICS.** (4) (3 lectures, one 3-hour lab, one 1-hour tutorial) The course integrates classical, molecular and population genetics of animals, plants, bacteria and viruses. The aim is to understand the flow of genetic information within a cell, within families and in populations. Emphasis will be placed on problem solving based learning. The laboratory exercises will emphasize the interpretation of genetic experimental data.

▲ **EDKP 205 STRUCTURAL ANATOMY.** (3) Kinesiology & Physical Education: Skeletal, muscular and nervous system are examined anatomically and physiologically within the realm of how they interact to generate and apply the forces which permit man's mobility.

▲ **EDKP 391 PHYSIOLOGY IN SPORT AND EXERCISE.** (3) (Prerequisite: EDKP 293 or equivalent.) Kinesiology & Physical Education: Examination of the responses of the human body during and following acute and chronic exercise with practical applications for a school setting.

▲ **EDKP 495 SCIENTIFIC PRINCIPLES OF TRAINING.** (3) (Prerequisite: EDKP 395.) Kinesiology & Physical Education: Application of physiological and kinesiological principles in the selection and evaluation of athletic and physical fitness programs. Specific topics studied will include aerobic and anaerobic training, interval training, circuit training, weight training for muscular strength and endurance, flexibility, motor ability, obesity and energy balance.

**ENVR 201 SOCIETY AND ENVIRONMENT.** (3) (Fall) (Section 001: Downtown Campus) (Section 051: Macdonald Campus) An introduction to human societies and their relations with the biophysical environment, focusing on how economy, technology, and institutions interact to give rise to environmental problems. Analytical treatment of key concepts from distinct disciplinary perspectives in the social and life sciences, including "carrying capacity", "renewable resources", "environmental equity", and "sustainability".

**ENVR 203 KNOWLEDGE, ETHICS AND ENVIRONMENT.** (3) (Fall - Macdonald Campus; Winter - Downtown) (Section 001: Downtown Campus) (Section 051: Macdonald Campus) Introduction to cultural perspectives on the environment: the influence of culture and cognition on perceptions of the natural world; conflicts in orders of knowledge (models, taxonomies, paradigms, theories, cosmologies), ethics (moral values, frameworks, dilemmas), and law (formal and customary, rights and obligations) regarding political dimensions of critical environments, resource use, and technologies.

**FDSC 200 INTRODUCTION TO FOOD SCIENCE.** (3) (Fall) (3 lectures) (This course is scheduled for video-conferencing.) This course enables one to gain an appreciation of the scope of food science as a discipline. Topics include introductions to chemistry, processing, packaging, analysis, microbiology, product development, sensory evaluation and quality control as they relate to food science.

**FDSC 211 BIOCHEMISTRY 1.** (3) (Fall) (3 lectures) (Corequisite: FDSC 230) Biochemistry of carbohydrates, lipids, proteins, nucleic acids; enzymes and coenzymes. Introduction to intermediary metabolism.

**FDSC 251 FOOD CHEMISTRY 1.** (3) (Winter) (3 lectures and one 3-hour lab) (Prerequisite: FDSC 211) A study of the chemistry and functionality of the major components comprising food systems, such as water, proteins, carbohydrates and lipids. The relationship of these components to food stability will be studied in terms of degradative reactions and processing.

**FDSC 300 PRINCIPLES OF FOOD ANALYSIS 1.** (3) (Fall) (3 lectures and one 3-hour lab) (Prerequisite: FDSC 251 or permission of instructor.) (Corequisite: FDSC 251 or permission of instructor.) The fundamentals of food analysis are presented with the emphasis on the major components of foods. Topics include: food components, sampling, method selection, official methods, proximate analysis, moisture, protein, fat, ash, fiber, carbohydrates, vitamins and nutraceutical compounds.

**FDSC 305 FOOD CHEMISTRY 2.** (3) (Fall) (3 lectures and one 3-hour lab) (Prerequisite: FDSC 251) A study of the chemistry and



functionality of the minor components comprising food systems, such as enzymes, anthocyanins, carotenoids, additives, vitamins and essential oils. The relationship of these components to food stability in terms of degradative reactions and processing.

**FDSC 310 POST HARVEST FRUIT AND VEGETABLE TECHNOLOGY.**

(3) (Fall) (3 lectures and one 3-hour lab) The post harvest chemistry and physiology of horticultural crops as they affect quality and marketability, handling methods pre and post harvest, principles and practices in cooling, storage, transportation and packaging.

**FDSC 315 SEPARATION TECHNIQUES IN FOOD ANALYSIS 1.** (3)

(Winter) (3 lectures and one 3-hour lab) (Prerequisite: FDSC 300 or permission of instructor.) A detailed treatment on the principal chromatographic and electrophoretic techniques that are associated with the analysis of carbohydrate, lipid, protein constituents of food.

**FDSC 319 FOOD COMMODITIES.** (3) (Winter) (2 lectures and one 3-hour lab) (Prerequisite: FDSC 251 or permission of instructor) The relationship between the chemistry of food constituents present in common commodities, such as milk, meat, eggs, cereals, oilseeds etc. and the common processing technologies associated with their transformation into stable food products.

**FDSC 334 ANALYSIS OF FOOD TOXINS AND TOXICANTS.** (3) (Winter) (3 lectures and one 3-hour lab) (Prerequisite: FDSC 213 or permission of instructor.) Toxins and toxicant residues in food including heavy metals, persistent organic pollutants (POPs) and microbial toxins are explored from an analytical perspective; new methods and strategies of analysis are emphasized.

**FDSC 425 PRINCIPLES OF QUALITY ASSURANCE.** (3) (Winter) (3 lectures) (Prerequisite: AEMA 310) The principles and practices required for the development, maintenance and monitoring of systems for food quality and food safety. The concepts and practices of Hazard Analysis Critical Control Point; ISO 9000; Total Quality Management; Statistical Sampling Plans, Statistical Process Control; Tools of Quality; Government Regulations.

**MICR 230 INTRODUCTORY MICROBIOLOGY.** (3) (Winter) (3 lectures and one 3-hour lab) The occurrence and importance of microorganisms (especially bacteria) in the biosphere. Principles governing growth, death and metabolic activities of microorganisms. An introduction to the microbiology of soil, water, plants, food, man and animals.

● ★ **NRSC 340 GLOBAL PERSPECTIVES ON FOOD.** (3) (Winter) (3 lectures) (Prerequisite: A 200-level course in food science, food resources or dietetics, or permission of instructor.) Issues of community and global change in relation to environment and the production of food. Contrasts between developed and developing countries will highlight impacts of colonialism, political structures, and cultural systems related to gender, class and ethnicity.

**PARA 438 IMMUNOLOGY.** (3) (3 lectures per week) (Prerequisite: AEBI 202 or permission of instructor) An in-depth analysis of the principles of cellular and molecular immunology. The emphasis of the course is on host defense against infection and on diseases caused by abnormal immune responses.

**PATH 300 HUMAN DISEASE.** (3) (Winter) (Prerequisites: BIOL 200, BIOL 201 or BIOC 212, PHGY 209. Pre-/co-requisite: PHGY 210) Provides a fundamental understanding of the diseases prevalent in North America, for upper level students in the biological sciences. Includes: general responses of cells and organ systems to injury; assessment of individual diseases by relating the causes, symptoms, diagnosis, treatment and prevention to the primary biological abnormalities in each disorder.

● **PHGY 201 HUMAN PHYSIOLOGY: CONTROL SYSTEMS.** (3) (Fall) (3 hours lecture weekly) (Prerequisites: collegial courses in biology or anatomy, and in chemistry and physics; with CHEM 212 or equivalent, as a pre-/co-requisite) (Restriction: For students in Physical and Occupational Therapy, Nursing, and others with permission of the course coordinator) (Restriction: Not open to students who have taken PHGY 209) Physiology of body fluids, blood, nerve and muscle, peripheral nerves, central nervous system, special senses, autonomic nervous system, defense mechanisms.

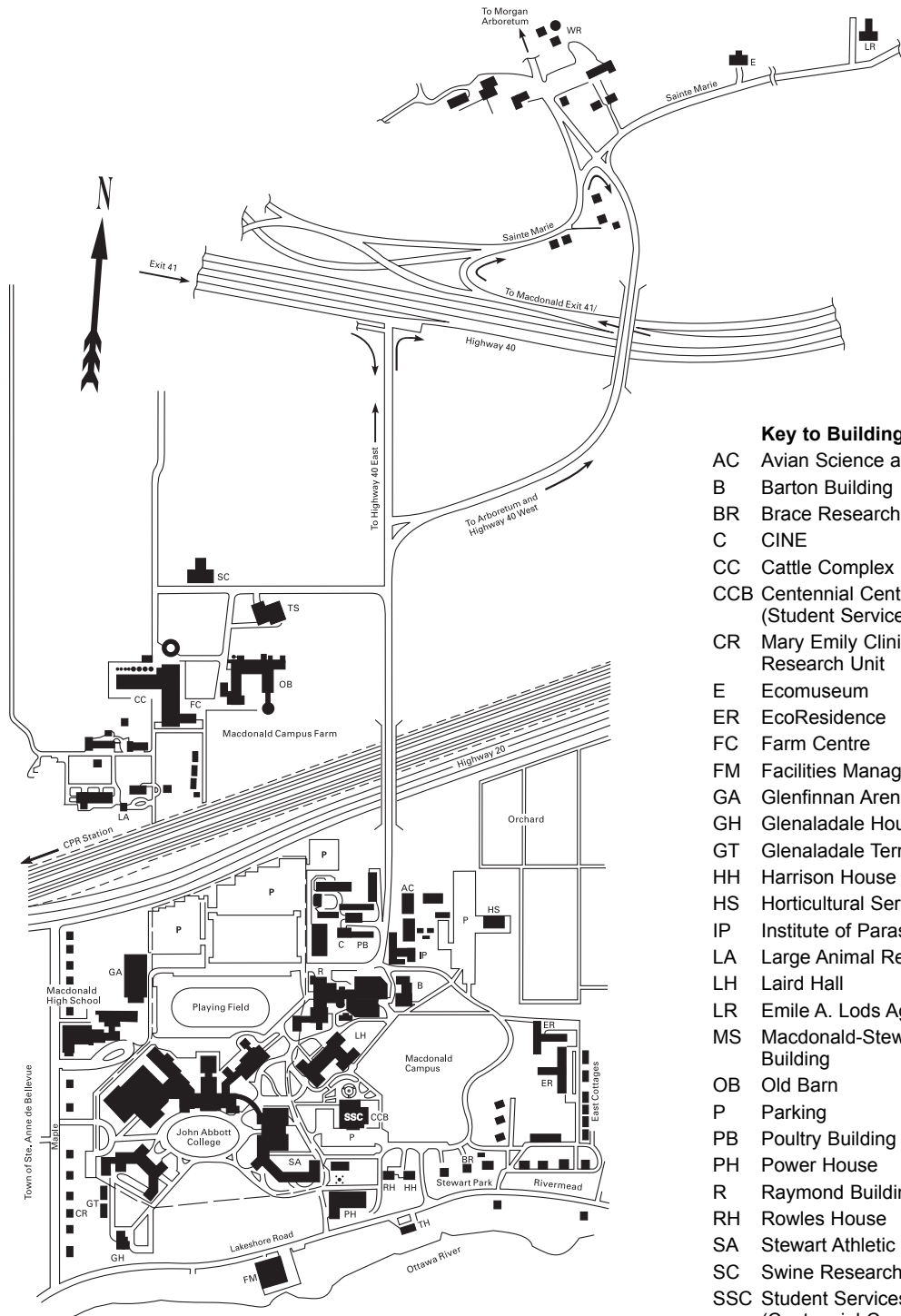
● **PHGY 202 HUMAN PHYSIOLOGY: BODY FUNCTIONS.** (3) (Winter) (3 hours lecture weekly) (Prerequisites: collegial courses in biology or anatomy and in chemistry and physics; with CHEM 212 or equivalent, as a pre-/co-requisite) (Restriction: For students in Physical and Occupational Therapy, Nursing, Education, and others with permission of the course coordinator) (Restriction: Not open to students who took 552-201 in 1976-77 or earlier, or PHGY 210) Physiology of the cardiovascular, respiratory, excretory, endocrine, and digestive systems; organic and energy metabolism; nutrition; exercise and environmental stress.

**PHGY 209 MAMMALIAN PHYSIOLOGY 1.** (3)(Fall) (3 hours lectures weekly) (Prerequisites: BIOL 112, CHEM 110, CHEM 120, PHYS 101 or PHYS 131, and PHYS 102 or PHYS 142. Pre-/co-requisites: BIOL 200, CHEM 212 or equivalent.) (Restriction: Not open to students who have taken PHGY 211 or PHGY 201 or students who are taking and who have taken NSCI 200.) (Restriction: For students in the Faculty of Science, and other students by permission of the instructor) (Restriction: Not open to students who have taken PHGY 211 or PHGY 201 or students who are taking and who have taken NSCI 200.) Physiology of body fluids, blood, body defense mechanisms, muscle, peripheral, central, and autonomic nervous systems.

**PHGY 210 MAMMALIAN PHYSIOLOGY 2.** (3) (Winter) (3 hours lectures weekly) (Prerequisites: BIOL 112, CHEM 110, CHEM 120, PHYS 101 or PHYS 131, and PHYS 102 or PHYS 142. Pre-/co-requisite: BIOL 200, BIOL 201, BIOC 212, CHEM 212 or equivalent.) (Restriction: Not open to students who have taken PHGY 202.) (Restriction: For students in the Faculty of Science, and other students by permission of the instructor) (Although PHGY 210 may be taken without the prior passing of PHGY 209, students should note that they may have some initial difficulties because of lack of familiarity with some basic concepts introduced in PHGY 209) Physiology of cardiovascular, respiratory, digestive, endocrine and renal systems.

**RELG 270 RELIGIOUS ETHICS AND THE ENVIRONMENT.** (3) (Fall: Macdonald Campus (Ste. Anne-de-Bellevue). Winter: Downtown Campus.) Survey of issues and debates in environmental ethics. The challenge posed to human and religious values by the present ecological crisis and some ethical and religious responses to this challenge, Native American spirituality, Eastern and African religions, ecofeminism and liberation theology will be discussed, as will recent environmental debates concerning technology and large scale development projects. Lectures supplemented by guest speakers and audiovisual presentations.

# ► Macdonald Campus



## Key to Buildings

- AC Avian Science and Conservation Centre
- B Barton Building
- BR Brace Research Unit
- C CINE
- CC Cattle Complex
- CCB Centennial Centre Building (Student Services)
- CR Mary Emily Clinical Research Unit
- E Ecomuseum
- ER EcoResidence
- FC Farm Centre
- FM Facilities Management
- GA Glenfinnan Arena
- GH Glenaladale House
- GT Glenaladale Terrace
- HH Harrison House
- HS Horticultural Services
- IP Institute of Parasitology
- LA Large Animal Research Unit
- LH Laird Hall
- LR Emile A. Lods Agronomy Research Centre
- MS Macdonald-Stewart Building
- OB Old Barn
- P Parking
- PB Poultry Building
- PH Power House
- R Raymond Building
- RH Rowles House
- SA Stewart Athletic Complex
- SC Swine Research Centre
- SSC Student Services (Centennial Centre Building)
- TH Tadjia Hall
- TS Technical Services Building
- WR Weather Radar

177	C5	ADAMS Building	175	B3	PEEL, 3690
103	C4	ARTS Building	117	B3	PEEL, 3715
113	A3	BEATTY Hall	239	C3	PENFIELD, 740
241	B3	BELLINI Life Sciences Complex (under/en construction)	190	B4	PENFIELD, 1085
124	C4	BIRKS Building	165	B5	PETERSON Hall
185	B5	BOOKSTORE	184	D2	PINE, 515
102	B5	BRONFMAN Building	141	D2	PINE, 517
236	B4	BROWN Student Services Building	162	D3	PINE, 546
110	C5	BURNSIDE Hall	101	B3	PINE, 1033
139	D2	CURRIE Gymnasium	196	B3	PINE, 1140
128	A3	DAVIS House	120	D5	POLLACK Hall
123	C4	DAWSON Hall	158	C5	PULP AND PAPER Research Centre
122	B4	Chancellor DAY Hall	174	B3	PURVIS Hall
125	D2	DOUGLAS Hall	161	A4	RABINOVITCH House
169	D2	DUFF Medical Building	181	C5	REDPATH Hall
223	B3	DUGGAN Annex	178	C5	REDPATH Library Building
127	B3	DUGGAN House	179	C4	REDPATH Museum
168	B3	EDUCATION Building	180	D5	ROYAL VICTORIA COLLEGE Residence
129	B5	FACULTY CLUB	189	C3	RUTHERFORD Physics Building
197	C4	FERRIER Building	183	D3	SAINT-URBAIN, 3626
133	D1	GARDNER Hall	201	D6	SHERBROOKE, 550
231	B4	GELBER Law Library	233	C6	SHERBROOKE, 688
149	A3	HOSMER House	146	B6	SOLIN Hall (Lionel-Groulx Avenue)
132	A3	HOSMER Annex	111	B4	STEWART Biology Building
167	B4	HUGESSON House	154	C3	STRATHCONA Anatomy & Dentistry Building
112	C4	JAMES Administration Building	120	D5	STRATHCONA Music Building
112	C4	JAMES Annex	188	B4	THOMSON House
150	C4	LEACOCK Building	240	C3	TROTTIER Information Technology Building
119	C5	MAASS Chemistry Building	109	C4	UNIVERSITY, 3534
130	C4	MACDONALD Engineering Building	176	C3	UNIVERSITY, 3550
118	C5	MACDONALD-HARRINGTON Building	216	D3	UNIVERSITY, 3641
170	C5	MACDONALD STEWART Library Building	216	D3	UNIVERSITY, 3643
242	B6	MARTLET House	218	D3	UNIVERSITY, 3647
			172	B4	UNIVERSITY CENTRE
			198	C4	WILSON Hall
			229	C3	WONG Building
105	D1	McCONNELL Arena			
131	C4	McCONNELL Engineering Building			
221	D1	McCONNELL Hall			
186	C6	McCORD Museum			
155	B3	McINTYRE Medical Building			
108	C5	McLENNAN Library Building			
135	B5	McTAVISH, 3430			
114	B5	McTAVISH, 3434			
104	B5	McTAVISH, 3438			
147	B3	MEREDITH Annex			
173	B3	Charles MEREDITH House			
148	B3	Lady MEREDITH House			
116	D1	MOLSON Hall			
106	D2	MOLSON Stadium			
156	A4	de la MONTAGNE, 3605			
159	D2	MONTREAL NEUROLOGICAL INSTITUTE			
163	C4	MORRICE Hall			
134	D1	Bishop MOUNTAIN Hall			
103	C4	MOYSE Hall			
245	D5	MUSIC, New Building			
227	D2	OBSERVATORY			
247	D3	du PARC, 3575			
244	D3	du PARC, 3625			
248	B5	PEEL, 1555 (Les Cours Mont-Royal)			
143	B5	PEEL, 3437			
191	B5	PEEL, 3459			
192	B5	PEEL, 3463			
140	B5	PEEL, 3465			
136	B5	PEEL, 3475			
151	B4	PEEL, 3479			
213	B4	PEEL, 3483			
187	B4	PEEL, 3487			
145	B4	PEEL, 3491			
138	B4	PEEL, 3495			
230	B4	PEEL, 3505			
194	B4	PEEL, 3647			
137	B4	PEEL, 3661			
166	B3	PEEL, 3674			



# McGill

- Welcome Centre
- Campus Security
- Emergency Phone

