

FACULTY OF SCIENCE  
Meeting of Faculty  
Tuesday, October 16, 2012  
Leacock Council Room – L232

ATTENDANCE: As recorded in the Faculty Appendix Book.

DOCUMENTS: S-11-32, S-12-1 to S-12-8, S-12-10, S-12-11

Dean Grant called the meeting to order at 3:05 p.m. He welcomed new and continuing members to the first Faculty of Science meeting of the year.

A. McGill Centraide Campaign

On behalf of Dean (Management) Peter Todd, Ms. Céline Junke, Development Officer from the Faculty of Management, gave a presentation on the McGill Centraide Campaign. She said Centraide raises donations to support a vast network of community agencies that help individuals and families in a situation of poverty. During the 2011 Centraide Campaign, McGill had been one of the top 50 Campaigns, having contributed over \$416,705 from 625 donors. The goal of the 2012 McGill Centraide Campaign was to raise \$450,000, and to increase participation to 825 donors.

Ms. Junke said that members could give by filling out a donation form, through payroll deductions, or online at <http://www.centraide-mtl.org/en/giving/>.

Dean Grant thanked Ms. Junke for the generous contribution of her time to the Centraide Campaign, and he underlined the good work that Centraide supports. He said that it was very important for McGill to be part of the community.

B. New Professors, Recently Tenured Professors, and Recently Promoted Full Professors:

Dean Grant said that, as traditionally, new professors had been invited to the first Faculty meeting to be introduced to their colleagues. New professors would contribute to the continuation of the good name of the Faculty.

New Professors

Chairs or Chairs' delegates introduced the new professors present at the meeting, and described their academic background. The professors then described. See f 66.36 257.22 .48001 13.86 description of the research

Atmospheric & Oceanic Sciences	Associate Professor	KOLLIAS, Pavlos
Biology	Associate Professor	CRISTESCU, Melania

Biology	Associate Professor	GREGORY-EAVES, Irene
Computer Science	Associate Professor	LIU, Xue
Earth & Planetary Sciences	Associate Professor	McKENZIE, Jeffrey
Earth & Planetary Sciences	Associate Professor	WING, Boswell





The motion carried.

5) Academic Committee (For Approval)

Prof. Devroye moved, seconded by Prof. Moore, that the Science membership of the B.A. & Sc. PAC be approved.

The motion carried .

- b) Scholarships Committee  
In-course Scholarships Report S-12-7
- 207.10 Associate Dean Peter Grütter said that the In-course Scholarships Report lists awards given to continuing students based on their grades for the 2011-2012 academic year. The SGPA cut-off for receiving a monetary award was 3.98, and for the Dean's Honour List, 3.92.
- 207.11 Associate Dean Grütter thanked Dean Grant for providing "top-up" money from the Faculty of Science for additional awards.
- c) Academic Committee S-12-8

The Academic Committee approved the following on Tuesday, September 25, 2012:

SECTION A: NEW PROGRAMS

- Ad hoc Honours Program in Physics and Computer Science AC-12-2
- Associate Dean Hendren moved, seconded by Prof. Roulet, that the ad hoc program be approved.
- The motion carried .

SECTION B: NEW COURSES

- (1) Psychology  
PSYC 661 Psychology Theory AC-12-4  
3 credits
- Associate Dean Hendren moved, seconded by Prof. Zuroff, that the new course be adopted.
- The motion carried .
- (2) Human Genetics (The following two courses were approved by electronic vote in May 2012.)  
HGEN 396 Human Genetic Research Project AC-11-55  
3 credits
- Associate Dean Hendren moved, seconded by Prof. Maloney, that the new course be adopted.
- The motion carried .
- HGEN 400 Genetics in Medicine AC-11-56  
3 credits
- Associate Dean Hendren moved, seconded by Prof. Dudek, that the new course be adopted.



Senate opened with the Principal welcoming all new Senators (Bell from Science) and since it was the first Senate meeting of the year the Principal went through the standard reminders of Senate rules and regulations on recording the proceedings and the role of guests.

Senator Bell then rose to give a moving eulogy on the death of Professor Robert (Bob) Lemon.

The report of Steering committee followed the written documentation but it is important to note that the Principal on behalf of the Steering Committee asked for suggestions of topics that Senate should discuss this year.

The Principal's opening remarks reviewed the upcoming items on Senates annual agenda. They included discussions and actions arising from the reports of the two main undertakings on academic planning – ASAP 2012 and the SRP; Campaign McGill and the move to what the Principal referred to as a “state of perpetual revenue generation”; Diversity and Community engagement from the Principal's Task Force on Student Life and Learning; and the Manfredi report on the activities of Senate and collegiality.

The Principal also had short remarked on the orientation – the best ever, McGill's position in ranking - good but slipping, and the implications of the recent Quebec election – the latter were not brief remarks. She informed Senate of the creation of a new Ministry that is now responsible for universities - “Higher education, resear



Associate Provost White proposed two minor amendments to the Regulations Relating to the Employment of Tenure Track and Tenured Academic Faculty for Senate's approval. The first dealt with changes in the dates for notification of leaves and the second dealt with a wording technicality to correct that Statutory Committees could not grant tenure at the same time they approved a recommendation for promotion to full professor. After some debate, including an objection that MAUT was not given advance notice of the proposed changes, Senate approved both motions.

The Annual Report on the Policy on Harassment, Sexual Harassment and Discrimination Prohibited by Law was presented by Associate Provost White.

Senate adjourned at 16:53 – a very good sign for the start of the new academic year.

(9) DEAN'S BUSINESS

(i) Dean's Multidisciplinary Undergraduate Research List S-12-10

209.1 Associate Dean Hendren said that there were three students graduating who would appear on the DMURL, one in an Environment program, and two in Neuroscience. She said that it was interesting that these students were already in interdisciplinary programs.

Associate Dean Hendren moved, seconded by Prof. Roulet, that the DMURL be approved.

The motion carried .

Associate Dean Hendren further moved , seconded by Prof. Hynes, that the Dean be given discretionary power to make such changes in the DMURL list as would be necessary to prevent injustice.

The motion carried.

(ii) Enrolment S-12-11

209.2 Associate Dean Hendren said that in summary, the Faculty of Science had received almost exactly the desired number of students, and the students were very, very good, but perhaps there were not enough CEGEP students.

209.3 Associate Dean Hendren briefly described the admissions process. Students applying to McGill were sorted into groups: students from CEGEPs, Ontario high schools, rest-of-Canada high schools, U.S. high schools and overseas high schools. Each group was assigned an admission threshold, based on grades, which, on previous years' experience, should generate about the required number of offers. Offers were made on a rolling basis, students having higher grades receiving earlier offers. There were different deadlines for different groups.

209.4 The 2012-2013 academic year was the fourth year making use of admission pools. With admissions to the concurrent B.Sc./B.Ed. program now retired, high school students applied to one of two pools:

209.5 (i) Biological, Biomedical and Life Sciences (BBL) pool — students planning to major in the Departments of Anatomy & Cell Biology, Biochemistry, Biology, Microbiology & Immunology, Physiology or Psychology.

- 209.6 (ii) Physical, Earth, Math and Computer Science (PEMC) pool — students planning to major in the remainder of the units in Science.
- 209.7 At the end of U0, students can choose to take a program from within their pool, change pools by applying for an intrafaculty transfer, or apply to Microbiology & Immunology or Neuroscience.
- 209.8 Incoming CEGEP students are able to choose from either of the two pools, or apply to the Microbiology & Immunology or Neuroscience programs. Students can change majors within their pool, or change pools via an intrafaculty transfer.
- 209.9 Associate Dean Hendren briefly outlined the admissions grade cut-offs for various groups for the two pools. She said that the Ontario/Canadian High Schools cut-off for the BBL pool was very high because of the demand. As well as overall grades, the mathematics/science grades were examined, with students requiring at least 85% in this.
- 209.10 The percentage of U0 students in the PEMC pool was moving in the right direction, increasing from 19% in 2009 to 31% in 2012. A good target would be 40%.
- 209.11 PEMC registrations could be further increased by advising activities in Ontario and rest-of-Canada high schools, and by student word-of-mouth; by promoting intrafaculty transfers to PEMC; and by emphasizing that students in PEMC majors can obtain admission to medical school.
- 209.12 Actual admissions to the B.Sc. and the B.A. & Sc. were very close to the targets. Associate Dean Hendren pointed out that while the B.A. & Sc. was not very popular with CEGEP students, it was very popular with students from Ontario High Schools.
- 209.13 Regarding yields (the percentage of offers that are accepted), the fourbb [( th)5.5( School)6.8( )]TJ

- 209.18 Points to Consider (CEGEPs):  
The proportion of CEGEP students needed to be increased; interest in Science at high schools and CEGEPs in Québec also needed to be increased.  
The number of CEGEP graduates should increase over the next few years because of the baby boom echo. Efforts should be made to interest CEGEP graduates in the PEMC pool.  
There will be further pressure on the UO courses in the future.
- 209.19 In response to a question concerning the origin of students transferring out of the B.A. & Sc., Associate Dean Hendren said she would look into the matter.
- 209.20 Dean Grant thanked Associate Dean Hendren for her detailed analysis.
- (ii) Gift from Dr. Jim Prentice
- 209.21 Dean Grant said that Jim Prentice had offered money to provide a yearly celebration for its staff. Henceforth, each year the Faculty will hold a celebration of appreciation for its hard-working staff.  
  
Dean Grant thanked Jim Prentice and Mrs. Prentice for their innovative idea and donation.
- (iii) Gift from Dr. Lorne M. Trottier
- 209.22 Dean Grant said that the most generous donors in the history of the Faculty of Science had been the Trottier family. Lorne Trottier and his daughter Claire were actually in attendance at the current meeting. A year previously, the Trottier family had endowed the Office of Science & Society, and about seven years previously, had endowed the yearly Trottier Symposium. As well the family had made a large number of other gifts to the Faculty. Now the Trottier family was making a further endowment of approximately \$5 million to set up an Institute in Scientific Public Policy. The Institute will involve scientists, and will offer undergraduate student research awards and professorships.
- 209.23 On behalf of the Faculty of Science, Dean Grant thanked the Trottier family for their most recent in a long string of extremely generous gifts.

(10) MEMBERS' QUESTION PERIOD

There were no members' questions.

(11) OTHER BUSINESS

There being no further business, the meeting adjourned at 4:20 p.m.