FACULTY OF SCIENCE Meeting of Faculty
Tuesday, May 23, 2006 Redpath Museum Auditorium

ATTENDANCE: As recorded in the Faculty Appendix Book.
DOCUMENTS: S-05-35, 35A, S-05-36 to S-05-45
Dean Grant called the meeting to order at 3:05 p.m.

## (1) ADOPTION OF AGENDA

- New Scholarship, Document S-05-45, to be considered as Item \# 2(c).
- Committee of the Whole Discussion, Item \#7, to be postponed to a future meeting.
- Report on Freshman Interest Groups to be considered under Item \# 12, Other Business.
- Science Representative on the Council of Graduate and Postdoctoral Studies to be considered under Item \#12, Other Business.

Prof. Wolfson moved, seconded by Prof. Whitesides, that the

Prof. Barbel Knauper
Prof. Carlos Morales
Prof. Laura Nilson
Prof. John Stix

Psychology
Anatomy \& Cell Biology
Biology
Earth \& Planetary Sciences
902.3 Prof. Williams-Jones said that the task of choosing among the eight highly qualified nominees had been daunting. The committee's discussions and deliberations had gone on for quite some time, but eventually unanimous agreement had been reached.
902.4

Prof. Williams-Jones announced that the winner
902.8 Associate Dean Hendren mentioned that both she and her husband, Prof. Prakash Panangaden, had now won the Leo Yaffe Award, and she said that they were the first husband-and-wife team to do so. She added that in her experience research and teaching can go together.
902.9 Associate Dean Hendren thanked the School of Computer Science for putting together her nomination dossier.
902.10 Prof. Williams-Jones thanked the committee members for their excellent work on the Leo Yaffe Award and Principal's Prizes Committee, and thanked Josie D'Amico for her hard organizational work for the committee.
902.11 Dean Grant thanked Prof. Williams-Jones for his efforts and professionalism in chairing the Leo Yaffe Award Committee.
b) Scholarships Committee

S-05-36
902.12 Prof. Henry Leighton, Chair of the Faculty of Science Scholarships Committee, presented the report of the committee. He mentioned that Mr. Samuli Heilala, an Honours student in the School of Computer Science, had won the Governor-General's Silver Medal.

Associate Dean Leighton moved, seconded by Prof. GowriSankaran, that the Scholarship Report be approved.

## The motion carried

902.13 Associate Dean Leighton thanked Josie D'Amico for her work in putting together the Scholarships Report.
c) New Award - Science Class of 1965 Scholarship

S-05-45
Estimated Value: \$2500

Associate Dean Leighton moved, seconded by Prof. GowriSankaran, that the Science Class of 1965 Scholarship be approved.

## The motion carried.

## (3) CANDIDATES FOR DEGREES

a) Bachelor of Arts and Science

S-05-37

Associate Dean Leighton moved, seconded by Prof. Mysak, that the above degree list be recommended to the Senate Steering Committee for the Bachelor of Arts and Science degree.

The motion carried.
than in June 2005, 61 more graduates than in June 2004, and 93 more graduates than in June 2003.

Associate Dean Leighton moved, seconded by Ms. Filipski, that the above candidates be recommended to the Senate Steering Committee for the Bachelor of Science degree.

The motion carried.
903.3 The CGPA cutoff for the Dean's Honour List for the B.Sc. was 3.87.

## c) Diploma in Environment

# McGill SCHOOL OF ENVIRONMENT 

- Detailed Description of Graduate Environment Option AC-05-73
906.2 Associate Dean Hendren described the above proposal, and the various departmental options listed below.

Atmospheric \& Oceanic Sciences

- M.Sc.; Atmospheric \& Oceanic Sciences; Environment Option

AC-05-74
Associate Dean Hendren moved, seconded by Prof. Yau, tha75s2x59es; Environment Option
906.4 In reply to a member, Associate Dean Hendren said that proposals could be made to the B.A. \& Sc. Program Administration Committee to add areas to those already listed in the Social Science category of Arts courses.

Associate Dean Hendren moved, seconded by Prof. de Takacsy, that the revisions to the B.A. \& Sc. Freshman Program be approved.

## The motion carried

906.5 Dean Grant thanked Associate Dean Hendren for the work involved in revising the B.A. \& Sc. Freshman Program.

## (2) CHEMISTRY

906.6 Associate Dean Hendren described the proposed program changes for the Department of Chemistry.

| Faculty Program in Chemistry | AC-05-130 |
| :--- | :--- |
| Major in Chemistry | AC-05-131 |
| Major in Chemistry with Bio-organic Option | AC-05-132 |
| Major in Chemistry with Environmental Chemistry Option | AC-05-133 |
| Major in Chemistry with Materials Option | AC-05-134 |
| Honours in Chemistry | AC-05-135 |
| Honours in Chemistry with Bio-organic Option | AC-05-136 |
| Honours in Chemistry with Environmental Chemistry Option | AC-05-137 |
| Honours in Chemistry with Materials Option |  |

Associate Dean Hendren moved, seconded by Prof. Ronis, that the above program changes be approved.

The motion carried.
Joint Honours in Physics and Chemistry
AC-05-139
Associate Dean Hendren moved, seconded by Prof. Burns, that the program changes be approved.

The motion carried.
Faculty Program in Mathematics, Chemistry and Physics
AC-05-140
Faculty Program in Chemistry and Mathematics
AC-05-141
Associate Dean Hendren moved, seconded by Prof. Green, that the above program changes be approved.

The motion carried.

## SECTION C: NEW COURSES

(1) McGILL SCHOOL OF ENVIRONMENT
906.7 Associate Dean Hendren introduced the new Environment courses.

ENVR 622
Sustainable Landscapes
AC-05-81 (Rev) 3 credits

Associate Dean Hendren moved, seconded by Prof. Gale, that the above courses be adopted.

The motion carried.
(3) GEOGRAPHY

GEOG 555 Ecological Restoration AC-05-95 3 credits

Associate Dean Hendren moved, seconded by Prof. Ewing, that the course be adopted.
The motion carried.

GEOG 697 Thesis Research (Env't Option) AC-05-96 18 credits

Associate Dean Hendren moved, seconded by Prof. Ewing, that the course be adopted.
The motion carried.

- GEOGRAPHY/NATURAL RESOURCE SCIENCES

GEOG 221/NRSC 221 Environment and Health 3 credits

AC-05-28/28A

Associate Dean Hendren moved, seconded by Prof. Ewing, that the course be adopted.

The motion carried.
(4) COMPUTER SCIENCETm( )TETEMC IP KMC36.e2 108.0006E1 Tf0.0011 Tc 3.3139 T Tw 1ENCET6 9Tm( )TETE

ATOC 555
Field Course 1
AC-05-104
3 credits
ATOC 556
Field Course 2 AC-05-105
3 credits
Associate Dean Hendren moved, seconded by Prof. Yau, that the above courses be adopted.

The motion carried.
(6) CHEMISTRY

CHEM 223
906.10 Associate Dean Hendren said that the high school requirements for admission to the B.A. \& Sc. were being changed to bring them in line with the high school requirements for admission to the B.Sc.

Associate Dean Hendren moved, seconded by Prof. de Takacsy, that the changes described in Document \# AC-05-109 be approved.

## The motion carried.

906.11 Associate Dean Hendren thanked the members of the Academic Committee for their efforts. She thanked Josie D'Amico for organizing the work of the committee.

## (7) DEAN'S BUSINESS

- Role of Research Papers versus Patents Discussion: Committee of the Whole Chair: Associate Dean (Research) David Burns


## THE ABOVE ITEM WAS POSTPONED TO A FUTURE MEETING.

(8) REPORT ON ACTIONS OF SENATE

Please note that the entire Minutes of Senate are available on the Web at http://www.mcgill.ca/senate/minutes/.

## - Senate Meeting of January 11, 2006 - Prof. Nigel Roulet

Report to be presented at a future meeting.

## Senate Meeting of April 19, 2006 - Prof. K. GowriSankaran

The meeting commenced with a resolution on the death of Emeritus Professor Philip R. Wallace of the Department of Physics. This resolution was read by our Dean Martin Grant and was passed unanimously.

The meeting also passed unanimously a resolution on the death of Professor Andre Robert Laplante of the Department of Mining, Metals and Materials.

Regular Steering Committee Report was followed by comments of the Chair. The Principal started her remarks by offering congratulations and cooperation to Professor Stephen Toope (of our Law Faculty) who has just been named the new President of UBC.
Among her other comments were the 'good news' that the Gouvernment du Quebec has agreed to accelerate the paydown of the 'ajustement McGill' (that is the 'step motherly treatment of Operating Grant allocation!). She also brought to the attention of Senators various accolades gotten by members of McGill community (students, staff etc).

The second part of the meeting started with a question from Mr. Matthews (a student Senator) regarding 'Lesson fees at the Schulich School of Music' (based on unconfirmed information that Lesson fees for individual instrument instruction are to go up considerably). At the request of the Provost Masi, Dean Don McLean responded by affirming that the Administration, both Central and Faculty, remains sensitive to the concerns raised and will proceed with caution on possible solutions. Noting that the matter is still under discussion, the Dean indicated that he expects to work with his student population and the Administration to achieve an appropriate solution.

This was followed by a question the regarding possible elimination/change to a very popular undergraduate course, MGCR 360: Special Context in Business, by the student Senator Mr. Campeau. On the request of Provost Masi, the Dean Peter Todd of the Faculty responded with a fairly long response. In short he indicated that 'the reasons for the changes such as those contemplated for MGCR 360 are part of a broader effort within the Faculty and across the University to ensure that we are using our instructional and faculty resources in the best possible way to meet the needs of students within the context of the resource constraints that we face at the University'.

This was followed by a question of Senator Professor Pare on the anticipated response from the Provost regarding "reappointment procedures of Assistant Professors on Tenure track". Senator Pare reminded the Provost that the latter had promised to report to Senate on such reappointment procedures across the University.

Responding to this question the Provost stated that such a review has not yet been completed and hopes will be completed during the summer months. He expressed his hope that this will be brought to Senate in the fall. He further clarified that the existing standards have not changed but the work underway is aiming at a standardized view of reappointment procedures.

Again responding to another question of Professor Pare regarding "a report on nontenure track academic personnel', the Provost stated that the review is not yet complete and that he hopes to bring it to Senate later in the year.
On a supplementary question, Professor Michael Smith asked 'how the Administration, and in particular the Secretary-General track issues arising in Senate for the purpose of ensuring accountability to questions raised. On a request from the Principal respond, Ms. Johanne Pelletier, the Secretary-General, explained the procedures that she has put in place in this regard.

In Part B of the meeting, there were routine reports from the APPC, the Nominating Committee of Senate and 2005-06 Annual Report of the Committee on Sabbatical leaves. The meeting also moved into a confidential session to approve a report of the Honorary Degrees and Convocations Committee. The Dean of Students presented a memorandum concerning Student Services Fee Schedule as well as Athletic Fees for the information of Senate. I would like the members to note that this is the first time the student fees have been explicitly split in this format. Lastly, the Provost presented a memorandum on the Appointment of assessors under the Policy on Harassment, Sexual Harassment and Discrimination Prohibited by Law. The following are the members of the Staff approved by Senate: Patricia Kirkpatrick (Religious Studies), David Lewis (Natural Resources Sciences), Glyne Piggot (Linguistics), Gloria Tannenbaum (Pediatrics) (Academic) and Adam Finkelstein (IMS), Kathryn Peterson (Biology), Mark Huffstickler (NCS) (Admin. and Support Staff).
908.1 Prof. GowriSankaran added that the Science Senators were representatives of the Faculty of Science on Senate, and were able to raise issues of concern and propose motions at Senate meetings. He emphasized that the Science Senators were at the service of the Faculty of Science.
908.2 Dean Grant thanked Prof. GowriSankaran.

Senate Meeting of May 3, 2006 - Prof. D. Harpp
Update on Daycare Centres: Professor Hurtubise (Interim Deputy Provost) presented an update on Daycare Centres and responded to questions and comments.

The Academic Personnel Office estimates that approximately 20 of the $100+$ faculty
members hired each year require childcare services. The APO is making a brochure designed to educate incoming staff about the Quebec Daycare System.

There are limits on the number of funded spaces in the downtown core, dictated by rules that demand that daycare be provided near to the family residence rather than the workplace.

Hurtubise added that other Canadian universities also are having difficulties in managing access to childcare spaces, noting that comparatively McGill has 243 spaces, the University of Montreal has 80, Concordia 100, UQAM 125, and Toronto 270 spaces

There were at least 5 questions about details of the day-care situation and each answer was "worthy of consideration" and "would be taken under consideration".

Update on the Status of the Master Plan: The Vice-Principal (Administration and Finance) presented an update on the status of progress with the Campuses Master Plan exercise indicating that the work on the Task Force continues and there is expected to be a discussion draft available in the fall.

Update on Budget: The Provost and the Vice-Principal Finance, will bring a presentation to Senate in the fall of the year. There will be a more detailed discussion in the winter session, and a presentation of the actual budget in the spring

Library Staff: There were questions associated with these tenure regulations that are under intensive discussion.

Provost Masi indicated that a Committee on the Librarian Regulations was convened and met at least ten times between September 2005 and the end of January 2006. He explained that the Committee considered many aspects of the Librarian Regulations, but that they decided to focus on Tenure. Provost Masi indicated that the function of Senate was not to debate employment regulations that are under the authority of the Board of Governors.

Research Performance: The Vice-Principal Research Denis Therien presented a Report on Research Performance and responded to questions and comments (comparative data with other institutions in the G10) concerning research performance and funding.

Ombudsperson for Students: Professor Miller presented the $18^{\text {th }}$ Annual Report of the Ombudsperson for Students and responded to questions and comments. This position is not full-time but it was argued it should be.

Scholarships and Student Aid: The Annual Report of the Scholarships and Student Aid Committee was received and various questions were asked of Professor Mendelson. He indicated that future reports would reveal the details associated with the number of undergraduate students receiving scholarships, loans and bursaries. He explained that in general that McGill and Queens University have the lowest proceeds for scholarships, but that scholarship awards were among the high priorities of McGill's capital campaign.

Proposed Calendar for 2007-2008: The Calendar of Dates 2007-2008 was approved including another switch of class days to even out the schedule.

The meeting ended at 4:45 pm
908.3

Prof. Mucci said that he would be chairing the Ad hoc Senate Committee on Ancillary Services, and that any complaints or feedback would be welcome.


Dean Grant noted the schedule of meeting dates.

