

**FACULTY OF SCIENCE  
Meeting of Faculty  
Tuesday, November 4, 2008  
Leacock Council Room - L232**

**ATTENDANCE:** As recorded in the Faculty Appendix Book.

**DOCUMENTS:** S-07-11, S-08-12

Dean Grant called the meeting to order at 3:05 p.m.

The following new professors gave short research presentations prior to the meeting:

Prof. Gary Brouhard, Department of Biology  
Prof. Margaret Kalacska, Department of Geography

Dean Grant thanked the presenters and welcomed them to the Faculty of Science.

**(1) ADOPTION OF AGENDA**

Additional item:

The first two Fessenden Professorships will be announced under Item #5, Dean's Business.

Prof. Moore **moved**, seconded by Prof. Vangheluwe, that the amended Agenda be adopted.

**The motion carried.**

**(2) MINUTES OF OCTOBER 14, 2008 S-08-11**

Prof. Barrette **moved**, seconded by Prof. Yau, that the Minutes be approved.

**The motion carried.**

**(3) BUSINESS ARISING FROM THE MINUTES**

There was no business arising from the Minutes.

**(4) REPORT OF COMMITTEE**

- **Academic Committee** S-08-12

**The Academic Committee approved the following on Tuesday, October 28, 2008:**

**SECTION A: NEW PROGRAMS**

None

**SECTION B: MAJOR PROGRAM CHANGES**

**(1) Biology/Anthropology/Geography/NRSC** AC-08-28  
- Africa Field Study Semester\*

Associate Dean Hendren **moved**, seconded by Prof. Vangheluwe, that the program changes be approved.

**The motion carried.**

*\*Courses relevant to this program are described in Documents AC-08-25, 26, 27, 29, below.*

**(2) McGill School of Environment**

- Water Environments and Ecosystems – Biological
- Water Environments and Ecosystems – Physical

**AC-08-37**

**AC-08-38**

Associate Dean Hendren **moved**, seconded by Mr. Barry, that the above program changes be approved.

**The motion carried.**

**SECTION C: NEW COURSES**

**(1) Mathematics & Statistics**

MATH 638

Partial Differential Eqns

o

4 credits m bed

i{SECTION

C:

**AC-08-12**

)-1131.1.1.1.1.1.1.1.1.1.1p

Associate Dean Hendren **moved**, seconded by Prof. Franklin, that the proposed course, BIOL 451 be adopted.

**The motion carried.**

REDM 405/ NRSC 405**(Revs)	Natural History of East Africa 3 credits	<b>AC-08-29</b>
-------------------------------	---	-----------------

Associate Dean Hendren **moved**, seconded by Prof. Stix, that the proposed course, REDM 405 be adopted.

**The motion carried.**

*\*\*NRSC 451 and NRSC 405 – These courses are presented for information only.*

#### **SECTION D: MAJOR COURSE CHANGES**

##### **Biology**

BIOL 310	Biodiversity and Ecosystems Changes in title, description and prerequisites 3 credits	<b>AC-08-20</b>
----------	---	-----------------

Associate Dean Hendren **moved**, seconded by Prof. Fussman, that the changes be approved.

**The motion carried.**

BIOL 342	Marine Biology Changes in course number [from BIOL 442], course activities and restrictions 3 credits	<b>AC-08-22</b>
----------	--	-----------------

Associate Dean Hendren **moved**, seconded by Prof. Fussman, that the changes be approved.

**The motion carried.**

Associate Dean Hendren encouraged members to review their courses from time to time to ensure that the level is appropriate.

BIOL 428	Biological Diversity in Africa Change in number [from 328], activities, prerequisites, corequisites, restrictions 3 credits	<b>AC-08-26</b>
----------	--	-----------------

Associate Dean Hendren **moved**, seconded by Prof. Stix, that the changes be approved.

**The motion carried.**

BIOL 429	East African Ecology Change in number [from 329], activities, description, corequisites, restrictions 3 credits	<b>AC-08-27</b>
----------	--	-----------------

Associate Dean Hendren **moved**, seconded by Prof. Dudek, that the changes be approved.

**The motion carried.**

**SECTION E: MINOR COURSE CHANGES (For Information Only)**

- Report on Minor Course Changes

**AC-08-18**

Associate Dean Hendren briefly described the Report on Minor Course Changes.

**SECTION F: MINOR PROGRAM CHANGES (For Information Only)**

- Report on Minor Program Changes

**AC-08-P2**

Associate Dean Hendren highlighted the changes in the Report on Minor Program Changes.

**SECTION G: OTHER (For Information Only)**

- New DEC in Computer Science and Mathematics

**AC-08-17**

304.1  
 305.1  
 motion On November 14, 2008, Associate Dean Hendren said that with the introduction of the new DEC in Computer Science and Mathematics, U1 students with this DEC would need additional freshman courses for certain programs. She had previously asked units for a listing of these freshman courses. The results were summarized in the table in Document AC-08-17. Corresponding tables would be required for the DEC intégré and the French Baccalaureate.

**(5) DEAN'S BUSINESS**

**(a)(i) Principal's Awards for Administrative and Support Staff**

- C Category: Ms. Giovanna LoCasio, Department of Psychology, Graduate Program Coordinator
- T Category: Mr. Mario Della Neve, Department of Physics, Course Technician

**305.1**

Dean Grant said that the Principal's Awards for Administrative and Support Staff had been recently announced. The EIS of PScJ21.1284 - TD0.0006 Tc0.2906 Tc[(ionce aad )garn

This was the first time such professorships involving a Science Faculty had been set up in North America. The selection process involved the Faculty's new Commercialization Advisory Board. The Blachford family was intimately involved with the Fessenden Professorships and their funding,

Committee. She was killed in an ambush in Afghanistan on August 13<sup>th</sup>. Senate offered its condolences to her husband, Dr. Andrew Kirk of the Faculty of Engineering, her parent and her two sisters. A memorial fund has been established in her name at McGill.

In question period Professor Moore asked when TAs who had completed their tasks before the TA strike began on April 7 could expect to be paid. The Provost responded that the University had paid TAs what was owed to them prior to the declaration of the strike. Because no back to work protocol was agreed upon there are outstanding issues related to the interpretation of the previous collective agreement before the Labour Board which will not be heard till February 2009. A second question by Ms. Turner asked what was the consultation process for the creation of the Guidelines for Booking Occasional Events and why was Senate not involved. The Deputy Provost took the question and outlined the steps that led to new regulations on the approval and accommodation of outside events being passed by Senate in 2004 and 2005. He pointed out that the Guidelines are administrative policies, not regulations, and that Senate recognized this distinction. The guidelines are meant to encourage use of University space but the high demand for a limited amount of space may restrict repeated bookings, and questions of security and liability prohibit overnight events.

The next business was the Principal's report. The Principal's presentation reviewed the

**306.1**

Prof. GowriSankaran said that the following report was a short version for inclusion in the Minutes, and that he had submitted a longer report which would be available from Josie D'Amico.

In the first section of the meeting the Principal gave her remarks and in this case it was almost like a 'state of the union address'. She touched upon a number of issues the text of her complete remarks can be found at the Senate website or through Josie D'Amico. I will list here some of the important issues she discussed in a bullet format.

- The recent financial/market turmoil and consequence to the Universities in Canada and in particular McGill. In particular how it could impact our recruitment and retention.
- The recent placing of McGill 'in the top 25 of the Times Higher Education Rankings of World Universities', the highest of any Canadian University and the second highest ranking of North American Public funded institutions.
- The opening of the new Life Sciences Complex in September (cohosted by our Dean and Rich Levin the Dean of Medicine)
- The forthcoming legislation of the Mi

The 2008 joint meeting of McGill's Board of Governors and Senate took place on Monday October 27, at 6 p.m. at the Faculty Club. All Governors and Senators were encouraged to participate in a dynamic exchange that focused on the issue of intellectual property rights. Details and background information can be found at <http://www.mcgill.ca/senate/joint-board/>

Intellectual property rights can be defined very broadly as rights granted to creators and/or owners of works resulting from human intellectual creativity. These works can be in the industrial, scientific, literary or artistic domains. Inventions, manuscripts and software are some examples of intellectual property which generate IPR. The legal protection of IPR is effected by formal mechanisms such as copyright, patent or trademark. The motivation for this topic is the importance to articulate clear guidelines regarding intellectual property rights in the university context:

- to assist the university in fulfilling its mission
- to inform the university's response to external pressures
- to establish clear procedures for the transfer of useful results in research and innovation
- to give clear indication of the expected contribution of IPR to the university (Financial returns? Indicator of.00-1ampg otcleaedge? So