

**FACULTY OF SCIENCE  
Meeting of Faculty  
16 April 2019  
Leacock Council Room - L232**

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

**DOCUMENTS:** S-18-32 to S-18-35

Dean Lennox called the meeting to order at 3:05 p.m. and welcomed members to the eighth Faculty of Science meeting of the 2018-2019 academic year.

**1) ADOPTION OF AGENDA**

Prof. Gyakum **moved**, seconded by Prof. Roulet, that the Agenda be adopted.

**The motion carried.**

**2) RESOLUTION ON THE DEATH OF EMERITUS PROFESSOR RODDY ROGERS,  
DEPARTMENT OF ATMOSPHERIC & OCEANIC SCIENCES**

Professor John Gyakum, Chair, Department of Atmospheric and Oceanic Sciences, read the Resolution on the Death of Emeritus Professor Roddy Rogers.

It is with great sadness that we share the news of the passing of Dr. Roddy Rogers, Emeritus Professor in the Department of Atmospheric and Oceanic Sciences in the Faculty of Science.

Born in Baytown, Texas in 1934, Roddy was fascinated by the weather of the Gulf of Mexico and developed an early interest in meteorology. He completed his undergraduate studies at the University of Texas in 1955, earned his M. Sc. degree at the Massachusetts Institute of Technology in 1957 and his Ph. D. at New York University in 1964. Following work at the Cornell Aeronautical Laboratory, he moved to McGill University as an Associate Professor in 1966; he was promoted to full professor in 1973 and was Chair of the Department of Meteorology from 1978 to 1987. Rogers retired from McGill in 1998, and a year later moved to Washington, DC, where he served for five years as program director for physical meteorology at the National Science Foundation.

Rogers was a world leader in the remote sensing of the atmosphere, particularly in the use of radars to observe the inner workings of atmospheric weather systems. He used novel remote sensing technology to study precipitation systems during field campaigns in Alberta, Hawaii, and the maritime environment of the North Atlantic's Gulf Stream current. Dr. Rogers installed and operated similar equipment on the roof of Burnside Hall in order to study weather systems in an urban environment. He served on numerous national and international scientific committees.

A highly dedicated teacher and mentor, Dr. Rogers supervised 20 M.Sc., 7 PhD, and 11 Postdoc/Research Associates. His textbook, "A Short Course in Cloud Physics," was adopted by universities across the globe when it was first published in 1976. The third edition, published with departmental colleague M.K. (Peter) Yau, remains the standard international text in cloud physics for senior undergraduate and graduate programs in atmospheric sciences.

The contributions of Dr. Rogers as Chair of the Department of Meteorology were invaluable. When he was appointed Chair in 1978, the department had been seriously weakened by the departure of two senior faculty members to high-level administrative positions at McGill and the departure of a third key professor. He utilized his superb organizational and interpersonal skills to expand the department's faculty with five new hires, including two NSERC Chairs. With increasing student enrolments and an expansion of the departmental expertise to encompass oceanography and climate, McGill's Department of Meteorology was well on its way to becoming one of the continent's strongest atmospheric science departments when Rogers stepped down as Chair in 1987.

A gentleman scientist, Dr. Rogers mentored generations of students and younger faculty. He consistently participated in seminars by sitting in the first row and asking with great kindness, succinct, yet penetrating questions.

We extend our heartfelt condolences to his wife, Mary, to his daughters Julia and Diana and their spouses, and to his grandchildren, Evan and Rachel. He will be greatly missed.

**The resolution was adopted unanimously.**

Dean Lennox commented that Prof. Rogers was an inspiring leader in the Faculty of Science. On behalf of the Faculty, Dean Lennox expressed condolences to his family.

### 3) LEO YAFFE TEACHING AWARD

Prof. Edith Zorychta, Chair of the Leo Yaffe Teaching Award and Principal's Prize for Excellence in Teaching Committee, introduced the 2018-2019 Leo Yaffe Teaching Award for the Faculty of Science.

Prof. Zorychta said that the Leo Yaffe Award is given each year to recognize superior teaching at the undergraduate level in the Faculty of Science.

The winner of the Leo Yaffe Teaching Award was **Professor Melanie Dirks** from the Department of Psychology.

Prof. Zorychta read the following citation for Prof. Dirks:

The Leo Yaffe Award is given each year to recognize a faculty member for superior teaching at the undergraduate level in the Faculty of Science. The recipient for 2018 is Professor Melanie Dirks from the Department of Psychology. Her intelligence, intensity and enthusiasm in the classroom have earned her universal recognition as an outstanding teacher.

Professor Dirks is committed to having her students grasp the value of the scientific method as a means of understanding and ameliorating human problems. She states that *"Many people hold strong beliefs and intuitions about children's development: for example, children make up imaginary friends when they are having trouble making real ones, boys are better at math than are girls, the best way to handle bullies is to ignore them. Developmental scientists have shown that none of these statements is correct. As an instructor, my job is to show students how scientists answer questions about human development, and to demonstrate the value of using the scientific method to address issues of personal and societal significance."* Students indicate how successful Dr. Dirks has been in achieving this goal, and they repeatedly

emphasize that the experience of taking her class will have a permanent impact on their personal and professional lives. Her popular courses in Developmental Psychopathology and Child Development each attract over 300 students, who gain new perspectives on life's challenges, including mental illness. To quote: *"She humanizes those that suffer from mental illness; careful to not let them be depicted as a mere statistic"; she "approaches a tough subject with a kind heart and a brilliant mind."*

Melanie has also been a tireless promoter of involving undergraduate students in research, and has directed and mentored over 50 undergraduate projects, many of them generating conference presentations and joint publications. She has also provided advice and career guidance to countless others, and student evaluations emphasize the significance of her care for them as individuals and her contributions in helping them succeed.

In summary, Professor Dirks is an exceptional teacher and mentor, and in the words of her students: *"She is one of the most genuinely passionate teachers I have ever had, and effectively made me fall in love with the field of Child Development. Her lectures are engaging (and her classrooms are full, regardless of the fact that the course is recorded)."* Another stated *"Melanie Dirks is, without a doubt, the best professor I've ever had at McGill. She uses clear, interesting slides that allow students to learn in the most effective way. She is excellent at synthesizing information so that even dry topics are extremely interesting! She explains information in such a clear way and injects it with enthusiasm and fun. She is always available to explain topics students don't understand, both during and after class."* It is a pleasure to announce Melanie Dirks as the 2019 recipient of the Leo Yaffe Award.

On behalf of the Faculty of Science, Dean Lennox thanked Prof. Zorychta and her Committee for their diligent work. The task in selecting a winner is never easy given the number of outstanding teachers in the Faculty.

Dean Lennox said that the Leo Yaffe Award comes with a certificate, which will be presented to Prof. Dirks at the Science Convocation on 31 May 2019, and a monetary award. Dean Lennox added that it was very symbolic that the teaching award winners and the Honorary Degree recipients will be on the stage at Convocation. In addition, he encouraged Faculty members to register to sit on stage at Convocation.

4) **MINUTES OF 19 MARCH 2019**

**S-18-32**

Prof. Fussmann **moved**, seconded by Prof. Grütter, that the Minutes be approved.

**The motion carried.**

5) **BUSINESS ARISING FROM THE MINUTES**

- Item #8, Members' Question Period

Dean Lennox said the tables below show the number of CRC/CIHR vacancies and nominations in the Faculty of Science and across the University. For the April 2019 competition for the Faculty, there were two nominees for the CRC/CIHR Tier 1, and two for CRC/CIHR Tier 2.

**Table 1.** CRC vacancies across McGill

Tier	CIHR	NSERC	SSHRC
1	6	2	4
2	6	4	3

**Table 2.** Number of Tier 1 nominations per Faculty by Funding Agency

Tier 1 Nominations			
	CIHR	NSERC	SSHRC
AES	1	1	0
Arts	0	0	2
Dentistry	1	0	0
Education	1	0	2
Engineering	1	1	1
Law	0	0	1
Management	0	0	1
Medicine	5	1	0
Music	0	1	1
Science	2	1	1

**Table 3.** Number of Tier 2 nominations per Faculty by Funding Agency

Tier 2 Nominations			
	CIHR	NSERC	SSHRC
AES	1	1	0
Arts	0	0	2
Dentistry	1	0	0
Education	1	0	2
Engineering	1	2	1
Law	0	0	1
Management	0	0	1
Medicine	4	1	1
Music	0	1	1
Science	2	3	1

## 6) **REPORTS OF COMMITTEES**

a) Academic Committee - Associate Dean (Academic) Axel Hundemer

**S-18-33**

The following proposals were approved at the Academic Committee meeting on 26 March 2019:

### **I. New Courses:**

(1) **McGill School of Environment**

ENVR 615

Interdisciplinary Approach Environment and Sustainability **AC-18-104**  
3 credits

Associate Dean Hundemer introduced a new Complementary course, ENVR 615, in the Environment Option in 28 graduate programs across the University. ENVR 615 will replace three one-credit seminar courses in the Option. The point of the course is to emphasize how important it is to use multidisciplinary methods in encountering the very complex problems of environmental and sustainability issues. The course is a combination of lectures, case studies, readings, and role-playing.

Associate Dean Hundemer **moved**, seconded by Prof. Roulet, that the course be adopted.

**The motion carried.**

**(2) Computer Science**

\*Double-prefixed with LING 445 (Existing Course)  
 COMP 445\* Computational Linguistics  
 3 credits

**AC-18-119**

Associate Dean Hundemer explained that the new course, COMP 445, will be double-prefixed with an existing course, LING 445. The instructor of the course (LING 445) is an associate member of the School of Computer Science. The idea is to offer Computer Science students taking Computational Linguistics to count COMP 445 towards their program.

Associate Dean Hundemer **moved**, seconded by Prof. Verbrugge, that COMP 445 be adopted.

**The motion carried.**

COMP 596 Topics in Computer Science 3  
 3 credits  
 COMP 597 Topics in Computer Science 4  
 4 credits

**AC-18-117**

**AC-18-118**

The above two topics courses, COMP 596 (3 credits) and COMP 597 (4 credits) were created because some students would like to take two topics courses in one semester, but are not permitted to take the same course number in the same semester; hence the need for the two topics course proposals.

Associate Dean Hundemer **moved**, seconded by Prof. Verbrugge, that the courses be adopted.

**The motion carried.**

**II. Course Revisions:**

**(1) Atmospheric & Oceanic Sciences**

ATOC 215 Oceans, Weather and Climate  
 Changes in prerequisites  
 3 credits

**AC-18-100**

The changes in prerequisites for ATOC 215 involved adding Calculus 2 to the existing prerequisite of ATOC 214, and “permission of the instructor” to allow for students lacking the required prerequisites.

Associate Dean Hundemer **moved**, seconded by Prof. Gyakum, that the changes be approved.

**The motion carried.**

(2)	<b>McGill School of Environment</b>		
	ENVR 496	Honours Research Part 1 Course retirement 3 credits	<u><b>AC-18-101</b></u>
	ENVR 497	Honours Research Part 2 Course retirement 3 credits	<u><b>AC-18-102</b></u>

**B.Sc. (Ag.Env.Sc.) Program Changes (For Information):**

- Environment Honours

Associate Dean Hundemer said that Honours students in the B.A., B.A. & Sc, B.Sc. degrees currently take a six-credit course, ENVR 495D1/D2, whereas students in the B.Sc.(Ag. Env. Sc) Honours Program in Environment register for two three-credit courses, ENVR 496 and ENVR 497; hence the retirements of the two three-credit courses. Therefore, all students in the Honours Program in Environment will take the same six-credit course.

Associate Dean Hundemer **moved**, seconded by Prof. Roulet, that the course retirements be approved.

**The motion carried.**

(3)	<b>Mathematics &amp; Statistics</b>		
	MATH 427	Statistical Quality Control Changes in prerequisites 3 credits	<u><b>AC-18-109</b></u>

The proposed changes in prerequisites will open the course to a broader audience and will allow students to register for MATH 427 in U2.

Associate Dean Hundemer **moved**, seconded by Prof. Neslehova, that the changes be approved.

**The motion carried.**

	MATH 430	Mathematical Finance Changes in prerequisites, restrictions 3 credits	<u><b>AC-18-110</b></u>
	MATH 490	Honours Mathematics of Finance Course retirement 3 credits	<u><b>AC-18-113</b></u>

Associate Dean Hundemer explained that MATH 490 is the honours version of MATH 430. However, MATH 490 has not been offered for approximately 15 years. The reason for the retirement of MATH 490 is that MATH 430 covers a lot of advanced material and that there is very little difference between the two courses; hence the proposed retirement of MATH 490. Consequently, MATH 430 will now be a Complementary course in the honours programs, the prerequisites have been included in the course, and the restrictions have been removed since they are no longer needed.

Associate Dean Hundemer **moved**, seconded by Prof. Neslehova, that the changes be approved.

**The motion carried.**

MATH 437	Mathematical Methods in Biology Changes in prerequisites, corequisites 3 credits	<u>AC-18-111</u>
MATH 537	Honours Mathematical Models in Biology Changes in prerequisites 4 credits	<u>AC-18-112</u>

Associate Dean Hundemer said that the instructor deemed that the prerequisite course in probability is no longer required for MATH 437 and its honours version, MATH 537. In order to do well in these courses, a prerequisite in nonlinear dynamics is essential in both MATH 437 (currently a corequisite) and MATH 537. In addition, the prerequisite course numbers for computer science have been specified.

Associate Dean Hundemer **moved**, seconded by Prof. Neslehova, that the above changes be approved.

**The motion carried.**

**B.Sc. Program Changes:**

- Honours in Probability and Statistics

AC-18-114

Associate Dean Hundemer said that due to a lack of student interest, the enrolment in the Honours Program in Probability and Statistics has been very low. The most likely reason for this is that there are many 500-level Required courses that could only be taken in U3. The proposed program revisions are significant and will allow more choices by increasing the number of Complementary courses and reducing the number of Required courses. Furthermore, the courses have been grouped in different areas of interest in the hope of making this program more attractive to students.

Associate Dean Hundemer **moved**, seconded by Prof. Grütter, that the changes be approved.

**The motion carried.**

**M.Sc. Program Retirement:**

- Mathematics & Statistics (Thesis); Computational Science & Engineering (CSE) AC-18-115

The CSE Option in the M.Sc. in Mathematics and Statistics (Thesis) is being retired due to lack of interest. There is one student in the Option who will be switching to the M.Sc. Program in Mathematics and Statistics (Thesis). The School of Computer Science and the Department of Atmospheric and Oceanic Sciences, and the Departments of Electrical and Computer Engineering and of Mechanical Engineering in the Faculty of Engineering, have already retired this Option for the same reasons.

Associate Dean Hundemer **moved**, seconded by Prof. Neslehova, that the changes be approved.

**The motion carried.**

**B.A. Program Changes (For Information):**

- Honours in Probability and Statistics

- (4) **Psychology**  
PSYC 408 Principles and Applications of Psychotherapy **AC-18-97**  
Changes: title, description, prerequisites, restrictions  
3 credits

Associate Dean Hundemer said that the description and title in PSYC 408 are being revised to reflect the current content of the course and to include more therapies in the description. Additionally, the prerequisites and restrictions are being updated accordingly.

Associate Dean Hundemer **moved**, seconded by Prof. Zuroff, that the changes be approved.

**The motion carried.**

- PSYC 641/PSYC 642 Behaviour Deviations 1 (3 credits) **AC-18-98**  
Behaviour Deviations 2 (3 credits)  
Changes: course split [from PSYC 641D1/D2, 6 credits],  
activities, title, description, prerequisites, restrictions)

Associate Dean Hundemer explained that PSYC 641D1/D2 was being split into two courses (PSYC 641 and PSYC 642). The proposed course revisions will have independent content and identity; therefore, it is reasonable to offer two separate courses.

Associate Dean Hundemer **moved**, seconded by Prof. Zuroff, that the changes be approved.

**The motion carried.**

- (5) **Anatomy & Cell Biology**  
ANAT 323 Clinical Neuroanatomy **AC-18-116**  
Change in prerequisites  
3 credits

Associate Dean Hundemer said that the prerequisite changes to ANAT 323 result from the fact that students in the Anatomy and Cell Biology Programs are no longer permitted to take ANAT 315 as a corequisite; instead, ANAT 314 will be taken as a prerequisite course.

Associate Dean Hundemer **moved**, seconded by Prof. Fussmann, that the changes be approved.

**The motion carried.**

- b) Committee on Student Standing (CSS) **S-18-34**

Director Allard reported that the CSS received one request to have one course flagged for exclusion from the student's GPA; the request was denied.

7) **DEAN'S BUSINESS**

- Announcements



Dean Lennox said that, with regard to the draft report on the Faculty of Science Strategic Plan presented at the Faculty meeting that took place on 19 March 2019, he had received about four comments from Faculty members. He asked members to bring the Report to their departmental meetings for discussion and comments in preparation for the final Report to be brought back to a Faculty meeting for approval, most likely in September 2019. Dean Lennox added that he had received extensive comments from the Department of Physics, and that most of the comments will be incorporated into the final Report.

**8) REPORTS OF DIRECTOR & ASSOCIATE DEANS**

- a) Director (Advising Services) Nicole Allard
- b) Associate Dean (Academic) Axel Hundemer

There were no reports from Director Allard and Associate Dean Hundemer.

- c) Associate Dean (Graduate Education) Laura Nilson

Associate Dean Nilson reminded members of the Graduate Mobility Awards (GMAs) for funding graduate student travel for research (as opposed to conferences) purposes outside the province of Quebec. There have been three GMA competition deadlines, and the last deadline was for 1 April 2019. GMA applications will be accepted on a rolling basis throughout the 2019 Summer session, and an announcement will be sent out in the near future.

- e) Associate Dean (Research) John Stix

**(i) Professor Rowan Barrett – Principal's Prize for Outstanding Emerging Researchers**

Associate Dean Stix said he was pleased to announce that Prof. Rowan Barrett, Redpath Museum and Department of Biology, was a winner of the Principal's Prize for Outstanding Emerging Researcher, a University-wide competition; the Prize will be presented at the Science Convocation on 31 May 2019. Associate Dean Stix asked for a warm round of applause for Prof. Barrett.

**(ii) New Frontiers in Research Fund – Exploration Competition (for Early Career Researchers)**

Associate Dean Stix said that the Faculty of Science had the highest success rate across the University, i.e., a 25% success rate. There were 75 grants awarded across Canada with 11 awarded to McGill, and \$250,000 in funding over two years.

**(iii) Fessenden Professorship Awards and Fessenden Innovation Awards**

Dean Lennox announced that the Selection Committee reviewed the Fessenden Professorships applications. These awards were funded through the generosity of a great friend of the Faculty of Science, Mr. John Blachford. This year's Fessenden Professorship Awards winners were **Professor Brad Siwick** and **Professor Audrey Moores** from the Department of Chemistry. Dean Lennox described the Fessenden awards and its various versions, and said the value of these awards is \$70,000 each. Mr. Blachford will be invited to the last Faculty of Science meeting of the year (21 May 2019).

Dean Lennox thanked the Selection Committee for their very hard and diligent efforts in reviewing the many excellent applications. He encouraged members to submit an application even if the first time around the application was unsuccessful. For more information, members should contact Associate Dean John Stix or Mr. Eduardo Ganem Cuenca or go to <https://www.mcgill.ca/science/research/rio/fessenden>

**9) RESULTS OF SCIENCE ELECTION FOR SENATE**

**S-18-35**

Dean Lennox announced that in the recent Call for Nominations to elect three Science Senators, three new representatives had been elected by acclamation. The new Senators, listed below, will begin their terms on 1 September 2019. The terms will end on 31 August 2022.

- Prof. Bettina Kemme (Computer Science)
- Prof. Laura Nilson (Biology)
- Prof. Jacques Hurtubise (Mathematics & Statistics)

Two new Senators were appointed for one year to fill the remaining terms of Prof. John Gyakum and Prof. Nigel Roulet.

- Prof. Peter Yau (Atmospheric & Oceanic Sciences)
- Prof. Tracey Webb (Physics)

The continuing Faculty representatives on Senate, and the number of years they have yet to serve are:

- |   |             |
|---|-------------|
| - Prof. Peter Grütter (Physics)                       | - one year  |
| - Prof. David Harpp (Chemistry)                       | - two years |
| - Prof. Jeffrey McKenzie (Earth & Planetary Sciences) | - one year  |
| - Prof. David Stephens (Mathematics & Statistics)     | - two years |

Dean Lennox thanked all five new Senators for willing to serve on Senate. He expressed appreciation for the work of the continuing Senators. Dean Lennox emphasized that it was very important to have good representation from the Faculty of Science.

## 10) REPORTS ON ACTIONS OF SENATE

### a) Senate Meeting of 20 February 2019: Senator Peter Grütter

The meeting began with Dean Eidelman presenting a memorial tribute for Professor Edward Arthur Meighen and Dean Ravenscroft presenting a memorial tribute for Professor Daryl Robert Gibson.

In her comments from the Chair, Principal Fortier outlined her email of January 30, 2019, to the McGill community on next steps regarding the name of the men's varsity teams. She will communicate by the end of this academic term her decision regarding whether to change the Redmen name.

A historic gift of \$200 million to McGill was announced on February 13; it will establish the McCall MacBain Scholarships for outstanding graduate students.

Under the agenda point for formal questions, Senators Shor, Wilson and Mikkelsen submitted a question regarding Board-Senate collaboration on divestment, which was answered by Secretary-General Rogowska. The question was 'How indeed are Senate and the Board to "work closely together on this topic" to ensure a satisfactory and expeditious outcome?' Answer in short: Two representatives of senate would be invited to meet with CAMSR on December 3, 2018, and they would be invited to subsequent meetings, as necessary (CAMSR= Board of Governors' Committee to Advise on Matters of Social Responsibility). While Senators are welcome to submit comments to CAMSR, either through the representatives or directly, Senate and the Board do not have a joint mandate on this topic as governance matters related to investment policies and practices are within the sole purview of the Board.

Senate adopted the 490th report of the Academic Policy Committee

The next agenda item concerned proposed revisions to the *Policy against Sexual Violence*. The draft of the revised Policy itself and a new set of Procedures for the Investigation of Reports of Sexual Violence were presented for information by Associate Provost Campbell; it is planned that the Policy will return to Senate in March for approval. Senator Larson asked whether graduate students, acting either as invigilators or as informal supervisors of other students, would be regarded as teaching staff; Professor Campbell responded that the Policy applies to all members of the University community, regardless of status.

Associate Provost Campbell also presented for information proposed revisions to the *Policy on Harassment, Sexual Harassment and Discrimination Prohibited by Law*. The changes are relatively minor; notably, they involve the removal of references to sexual harassment from the Policy, given that sexual harassment will be dealt with under the revised *Policy against Sexual Violence*. The revisions are scheduled to return to Senate in March for approval.

Provost Manfredi and Mr. Kakwiranó:ron Cook, Special Advisor, Indigenous Initiatives, presented an update on responses to the Calls to Action of the *Report of the Provost's Task Force on Indigenous Studies and Indigenous Education*.

Professor Dimitrios Berk, Ombudsperson for Students, presented the annual report of the Ombudsperson for Students for 2017-2018.

Dean Lennox said that, with regard to the revised Policy Against Sexual Violence, it will be mandatory by law for the McGill community, i.e., students, staff, and Faculty, to register for an information presentation on YouTube.

b) Senate Meeting of 27 March 2019: Senator Gregor Fussmann

The meeting began with Dean Eidelman presenting a memorial tribute for Professor Richard Haber.

In her remarks from the Chair, Principal Fortier noted some highlights of the March 19<sup>th</sup> federal budget and the March 21<sup>st</sup> Quebec budget. Both included additional investments in research and, particularly, in higher education. The federal budget provides support for students in the form of funding for the increased mobility of Canadian students (including internships), funding to attract top international students to Canada, and additional funding for parental leave support. The Quebec budget includes additional funding for university operations, infrastructure maintenance, research and innovation.

A formal question regarding course evaluations had been posed by Senators Labonté and Malik. The gist of the written response provided by Deputy Provost Labeau was that the University anticipates increased participation in course evaluations by having extended the end date of course evaluations until after the end of the exam period. Before the policy change in 2014, 39% of units kept evaluations open until after the end of exams. As of Winter 2018, 76% of units are keeping evaluations open until after the end of exams. During the 2017-2018 academic year, 22% of course evaluations were submitted from the first day of the exam period until two days after the last exam.

Dean Cook provided a written answer to a formal question by Senator Dunn regarding library subscriptions. The question was inspired by the University of California system's recent non-renewal of its \$11 million subscriptions contract with Elsevier. According to the information provided, McGill pays about \$1.8 million (Canadian) annually for access

to Elsevier content, \$16.9 million generally for journals and e-resources (FY2018), and the total collection expenditures in FY2018 amounted to \$23.7 million. McGill's 3-year contract with Elsevier ends on December 31, 2020. The Canadian Resource Knowledge Network, a buying consortium of Canadian Universities, will negotiate with Elsevier some time in 2020 before the contract ends. A discussion about open access ensued during which Dean Cook expressed her own commitment to open access as well as that of McGill librarians in general. Principal Fortier remarked that open access is potentially a good topic for a future open discussion in Senate.

Provost Manfredi presented the second of this year's budget planning reports for 2019-2020, which is not to be confused with the budget 2020/21. McGill expects a significant increase of the operating grant in FY2019 due to implementation of a new governmental funding grid and government grant structure. Higher revenues will be generated from higher income per student as well as higher enrolment so that the anticipated deficit at the end of fiscal year 2019 is now half of what was previously predicted. In his look ahead for fiscal year 2020 Provost Manfredi highlighted increased expenses for salaries and benefits and the deregulation of international students, the consequences of the latter being that McGill can keep all tuition fees but will have to forgo governmental grants for these students.

Associate Provost Campbell presented the proposed revisions to the *Policy against Sexual Violence*. The revised policy removes barriers to reporting and reinforces the requirement of training to all members of McGill University. The revised policy also includes a new section, the *Code of Conduct*, which deals with *Romantic and Sexual Relationships between Teaching Staff and Students*. This section was the subject of extensive discussion in Senate, with the majority of speakers expressing their approval and stating that the revised policy constitutes a significant improvement over what existed previously. Undergraduate student representatives in Senate agreed that the revised policy is an improvement but generally expressed the opinion that the *Code of Conduct* will not be protecting students sufficiently in *Romantic and Sexual Relationships between Teaching Staff and Students*. Several student senators announced that, therefore, they would be abstaining *en bloc* from the vote. Associate Provost Campbell made clear that the revised policy, in its current form, is going as far as possible in regulating the relationships between teaching staff and students without infringing on personal rights guaranteed in Quebec. The revised *Policy* was adopted by Senate, with everybody voting in favour, except senators representing undergraduate students, who abstained *en bloc*.

Provost Manfredi and VP Beauchamp presented the staffing report for 2017-2018, a 55-page document that summarizes and breaks down McGill's staff structure in no fewer than 73 figures. Senator Robaire noted that the numbers of academic staffs and of students have been steady for years, but support staff numbers are increasing. He asked why these increases do not seem to be trickling down to the departmental level. Provost Manfredi responded that the number of people working in student services has gone up, and he also noted that there have been increasing demands pertaining to the accreditation of professional programs.

VP Crago presented the annual report on research and innovation. Although McGill generally ranks favourably in comparison with other research-intensive universities in Canada, there were some exceptions: McGill obtains comparatively little funding from industrial sources and from the FRQ. Senator Grutter remarked that the University does provide hardly any support with preparing FRQNT team grants and *regroupements strategiques*, which means there is no incentive to be the lead-PI on such a grant. McGill researchers opt to be members on grants led by other universities, which satisfies their funding needs but does not figure in the national funding statistics.

Senate ended with three items presented for information, the *Enrolment and Strategic Enrolment Management Report* (Deputy Provost Labeau), the *Report from Senate Representatives* (Dean Buddle and Senator Dunn) who serve on the *Committee to Advise on Matters of Social Responsibility*, and the *Report from the Board of Governors to Senate* (Ms. Tina Hobday).

Dean Lennox mentioned that it would be valuable for Faculty members to take a look at the staffing report for 2017-2018 which is available online, as well as the annual report on research, especially with regard to NSERC.

11) **MEMBERS' QUESTION PERIOD**

There were no members' questions.

12) **OTHER BUSINESS**

Dean Lennox said he hoped to see Faculty members at the last Faculty meeting scheduled on 21 May 2019, when the winners of the Faculty of Science Excellence Award for administrative and support staff will be announced. In addition, as is tradition in the Faculty of Science, there will be a Wine and Cheese Reception to celebrate the end of another academic year.

There being no further business, Prof. Roulet **moved**, seconded by Prof. McKenzie, that the meeting be adjourned at 4:00 p.m.

**The motion carried.**