

**FACULTY OF SCIENCE
MEETING OF FACULTY
10 September 2019 at 3:00 p.m.
Leacock Building, Room L232**

ATTENDANCE: As recorded in the Faculty Appendix Book

DOCUMENTS: **S-18-43, S-18-46, S-18-47, S-19-1, S-19-2**

Department	Name	Rank
Earth and Planetary Sciences	Galen Halverson	Full Professor

Department	Name
Psychology	Galen Halverson

Psychology Halverson, Galen P. 2015. *Journal of Experimental Psychology: Applied*, 21(1), 1-10. doi:10.1037/xap0000001. <https://doi.org/10.1037/xap0000001>

Laurie also excelled in teaching winning the Leo Yaffe Award for outstanding teaching in the Faculty of Science. She also was an amazing mentor not only to her many graduate and many many undergraduate students, but also to new Faculty members, in particular, the next generation of women who started in the School.

Finally, she served as Associate Dean Academics for the Faculty of Science for 5 years starting several initiatives.

Laurie was a fun-loving lively person with a legendary laugh, which will be missed by all. She enjoyed playing music and ice hockey. She was in fact the founder of women's ice hockey in Montreal West.

She will be missed by the numerous people whose lives she touched: friends, students and colleagues.

The School and the Faculty extends its condolences to Laurie's family: her husband Prakash Panangaden, who is also a faculty member in our School, her daughter Jane Panangaden, a McGill graduate, her brother Paul Hendren and her mother Jane Hendren.

There will a memorial service for Laurie, next week Wednesday, 18-September at 12:30 at the Birks Chapel.

Dean Lennox said that he would consider the resolution as being adopted unanimously.

Dean Lennox informed members that there will be a memorial service for Laurie on Wednesday, 18 September 2019 at 12:30 p.m. in the Birch Chapel.

3. **Resolution on the Death of Professor Godfried Toussaint, Emeritus Professor of**

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He has received many awards and prizes for his body of work, among them the Senior Killam Research Fellowship by the Canada Council, the Canadian Image Processing and Pattern Recognition Society's Service Award for his work in computational geometry, and the Lifetime Achievement Award by CS-Can (the Canadian Association of Computer Science).

Professor Toussaint was also a passionate teacher and an incredible mentor. He

Committee on Student Standing; item 2.7, administrative reorganization of the Scholarship Committee (renamed Scholarships, Fellowships and Awards Committee); and item 2.9, the removal of the Animal Committee, which has been defunct for many years.

Vice-Dean Stephens **moved**, seconded by Prof. Hurtubise, that the revisions to the Faculty of Science Constitution, Document #S-18-43, be approved.

The motion carried.

8. Reports of Committees

a) Nominating Committee

S-19-2

1. **Science Nominating Committee (for information):**

The Nominating Committee consists of the Science Senate Representatives, and almost all are Chairs of the Faculty of Science; the Convenor is Vice-Dean David Stephens. The Committee approves and recommends memberships in Faculty of Science committees.

2. **Science Chairs' Council (for information):**

The Science Chairs' Council serves as an advisory committee to the Dean, and consists of the Dean, the Vice-Dean, the Associate Dean (Academic), the Associate Dean (Graduate Education), the Associate Dean (Research), the Director of Advising Services and the heads of all units in the Faculty of Science, including the MSE and the Redpath Museum.

3. **Tenure Committee (for information):**

The Tenure Committee consists of Faculty of Science representatives and Senate representatives from various faculties.

4. **Committee on Student Standing (for approval):**

The Committee on Student Standing (CSS) reviews student appeals of decisions made by the Director of Advising Services.

Prof. Western **moved**, seconded by Prof. Mucci, that the membership of the CSS be approved.

The motion carried.

5. **Academic Committee (for approval):**

The Academic Committee reviews and approves all academic content taught in the Faculty of Science.

Associate Dean Hundemer **moved**, seconded by Prof. Kirshbaum, that the membership of the Academic Committee be approved.

The motion carried.

6. **Scholarships, Fellowships and Awards Committee (for approval):**

The Vice-Dean or Associate Dean (Academic) or Associate Dean (Education) or delegate serves as the Chair of the 15.759 -1.169 85Te

The motion carried.

7. Leo Yaffe & Principal's Prizes Committee (for approval):

The Leo Yaffe and Principal's Prizes Committee recommends candidates for these awards for excellence in teaching.

Prof. Western **moved**, seconded by Prof. Mucci, that the membership of the Leo Yaffe & Principal's Prizes Committee be approved.

The motion carried.

8. Council of Graduate and Postdoctoral Studies (for approval):

Representatives of all faculties sit on the Council of Graduate and Postdoctoral Studies.

Prof. Western **moved**, seconded by Prof. Fussmann, that the membership of the Council of Graduate and Postdoctoral Studies be approved.

The motion carried.

9. B.A. & Sc. Program Administration Committee (for approval):

The B.A. & Sc. PAC reviews changes to, and coordinates the administration of, the B.A. & Sc. degree programs. Only the Science membership is subject to approval by the Faculty of Science.

Prof. Western **moved**, seconded by Prof. Roulet, that the Science membership of the B.A. & Sc. Program Administration Committee be approved.

The motion carried.

b) Scholarships Committee

S-18-47

Associate Dean Hundemer gave the following Report on Undergraduate Scholarships based on academic merit for the 2018-2019 academic year. The Report consists of named awards provided by generous donors, as well as the Dean's contribution to top up these awards to ensure that all students with a 3.97 SGPA and above received awards. The departmental awards are selected by the relevant department. Dean Lennox added that the Faculty is grateful that generous donors have made these awards possible.

The SGPA cutoff for a Faculty award was 3.97, the same as the previous year. There were a total of 419 awards given out, compared to 388 awards in the

Dean Lennox announced that **Mr. Carlos Aviles** has recently joined the Faculty as a Senior Manager, IT Systems. This new position is a result of the Faculty-endorsed IT Working Group's recommendations, which was launched to review the IT services in the Faculty and to develop a set of recommendations to improve the Faculty's IT services and structure. Currently, there are a total of 15 base-funded IT-associated staff members in the Faculty.

Dean Lennox pointed out that Mr. Aviles has extensive technical expertise and experience in infrastructure services management, project delivery and talent development. Mr. Aviles held positions at Hitachi Data Systems and prior to that had spent 12 years at CGI, holding various leadership positions. Dean Lennox informed members that Mr. Aviles will be reaching out to units to review their IT needs. In November or December, Mr. Aviles will put forward a plan to put into place.

c) Royal Victoria Project — The New Vic

The Academic Plan and Its Realization

Dean Lennox gave a PowerPoint presentation on the New Vic. The Dean serves as the Academic Lead and as the liaison between academic programming and those developing the physical space.

During the presentation, Dean Lennox described the various buildings and their purpose at the New Vic site. Some of the buildings will not be part of the New Vic project, but will be developed by group developers around research themes. The New Vic will provide benefits for the entire University. The current part of the mandate, in terms of developing the Functional and Technical Program (FTP), is that this will be a laboratory to explore how we can work in a uncihe

Centre/Hubs (research, measurement, and fabrication facilities); (ii) institutes and centres; and (iii) learning, teaching, and library facilities, which will include active learning, classrooms, informal learning spaces, “collision spaces,” staffed e-resource facilities, and teaching labs. The New Vic will include space for undergraduate students, and will not be solely a research facility.

Dean Lennox said that the Quebec government and McGill provided matching funds to create a preliminary Functional and Technical Program (FTP). The conclusions of the preliminary FTP indicated that the project could not support all activities (e.g., undergraduate teaching laboratories) given the space allocation of 50,533 gross square metres (27,458 net square metres). The FTP merges all project information and needs into one document. Following an international competition, the architectural firm that won the contract is a consortium of two prominent Canadian companies, Diamond Schmitt/Lemay Michaud Architects. Since 1 May 2019, the Committee has been working with user groups for more in-depth information and understanding. In the initial FTP, some members of two departments associated with Materials (Physics and Electrical and Computer Engineering) were expected to be accommodated in in

(i) CRC Chairs—Spring 2019 Recipients

On behalf of the Faculty, Associate Dean Stix congratulated the latest CRC Chair recipients in the Faculty of Science:

Prof. Karine Auclair (Chemistry)	CRC Tier 1
Prof. Rosemary Bagot (Psychology)	CRC Tier 2
Prof. Nicolas Cowan (Physics, Earth & Planetary Sciences)	CRC Tier 2
Prof. Daryl Haggard (Physics)	CRC Tier 2
Prof. Jessica Lin (Mathematics & Statistics)	CRC Tier 2
Prof. Yajing Liu (Earth & Planetary Sciences)	CRC Tier 2
Prof. Maureen McKeague (Chemistry)	CRC Tier 2

Associate Dean Stix announced the following upcoming competitions. He informed members that there are three types of **New Frontiers in Research Fund**:

(ii) New Frontiers in Research Fund (NFRF)—Anticipated launch in October 2019

(a) NFRF Exploration Stream

The Faculty of Science was extremely successful in last year's first-time competition. The Exploration Competition is now open, and it is an interdisciplinary or transdisciplinary fund.

(b) NFRF International Stream

The NFRF International Stream fund will allow Canadian academics to participate more fully in international ventures. There will be **two streams**: one stream is for general international ventures that are cutting-edge and high-level, and the second stream, dedicated to European funding, has been renamed Horizon Europe (previously named the "European Union Horizon 2020 Framework Programme).

Associate Dean Stix emphasized that there are great opportunities for Canadian researchers to get involved with these funding schemes.

(c) NFRF Transformation Stream

Individual programs of research are funded up to \$24M over six years. The Transformation stream is designed to support large scale, interdisciplinary research projects. It is expected that, for the inaugural Transformation competition, a few projects will get funded across Canada, and it would be great if McGill received one of these grants.

Dean Lennox encouraged members to start planning and preparing for these NFRF competitions as soon as possible.

11. Members' Question Period

There were no members' questions, and none were submitted for the current meeting. Dean Lennox said that members should submit their questions in writing to Josie D'Amico (josie.damico@mcgill.ca) in advance of the meetings.

12. Other Business

