

**FACULTY OF SCIENCE
MEETING OF FACULTY
7 December 2021 at 3:00 p.m.**

ATTENDANCE: As recorded in the Faculty Appendix Book

DOCUMENTS: S-21-12, S-21-13

Dean Lennox called the meeting to order at 3 p.m., and welcomed members to the fourth Faculty of Science meeting of the 2021-2022 academic year.

Dean Lennox reminded all in attendance regarding the voting members at Faculty meetings and referred to Article 1.2 (below) from the Faculty of Science Constitution.

1.2. For the purpose of its meetings, the membership of Faculty shall consist of the following:

1.2.1. All full professors, associate professors, assistant professors, and full-time faculty lecturers in the departments and schools of the Faculty of Science, including the Redpath Museum, as well as ex officio members as designated in the Statutes of McGill University.

1.2.2. Members of the academic staff of departments and schools of other faculties that offer degree programs leading to the B.Sc. who have elected to be members of the Faculty of Science.

1.2.3. The President, Vice-President (Academic) and Science Senator(s) of the Science U(of)-1ej-0.002 en Additional students in satisfactory standing registered for a B.Sc. degree, elected or appointed by the SUS and as broadly representative of majors offered by the Faculty of Science as possible, to bring total student membership to eighteen.

1.2.5. Three representatives from among, and elected by, students currently registered in graduate programs in the departments or schools of the Faculty.

1.2.6. One representative from among, and elected by, post-doctoral scholars in the departments or schools of the Faculty.

1. Adoption of Agenda

Prof. Breau **moved**, seconded by Prof. Forest, that the agenda be approved.

2. Minutes of 9 November 2021

S-21-12

Prof. Forest **moved**, seconded by Prof. Breau, 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-21-13

offered or not regularly taught; moving Required and Complementary courses allowing more flexibility in completing the programs, and adding a recently approved course (GEOG 401) as a Required course, developed explicitly for the SSS programs.

Associate Dean Hundemer **moved**

The motion carried.

III. Courses and Program Revisions

- **Chemistry**
CHEM 213 Introductory Physical Chemistry 1: Thermodynamics **AC-21-40**
Changes in prerequisites, restrictions
3 credits

PHYS 102 (non-calculus-based course) was being added as a prerequisite, although the Department of Chemistry preferred PHYS 142 (calculus-based course) instead. However, since students have been permitted to take PHYS 102 as a prerequisite for CHEM 213, it was reasonable to formalize PHYS 102 as one of the prerequisites in the eCalendar. The restriction, CHEM 223, was removed because it has not been offered since 2017.

- CHEM 253 Introductory Physical Chemistry Laboratory **AC-21-41**
Changes: title, corequisites, restrictions, supplemental
Calendar information
1 credit

The primary reason for the revised restrictions for CHEM 253 was to restrict the course to students in the B.A. & Sc. Major Concentration in Chemistry. Students registered in the Minor, Major, or Honours Programs should take CHEM 273. Also, the corequisites, course title, and eCalendar information were being revised to reflect the current status.

- CHEM 302 Introductory Organic Chemistry 3 **AC-21-42**
Changes in prerequisites
3 credits

The prerequisite (BIOL 112) was removed. Changes to the material were made to use 3.1 (t)-1.1 (s)339-0 Tc longer required to CHEM 352 Tc 0 pan AMCID 27 BDC80 -1.157 25.084 5.20()TJEMC /P AMCID 25 BDCS teca(ef)-13.mi002 Tw .129 ()T-8.205163 and CHEM 352 Tc 0 pan AMCID 27 BDC80 -1.157 25.084 5.20()TJEMC /P AMCID 25 BDCS

- Honours in Chemistry – Atmosphere & Environment Option	AC-21-46
- Honours in Chemistry – Materials Option	AC-21-47
- Honours in Chemistry – Measurement Option	AC-21-48
- Major in Chemistry – Atmosphere & Environment Option	AC-21-49
- Major in Chemistry – Materials Option	AC-21-50
- Major in Chemistry – Measurement Option	AC-21-51

The above program options are being retired due to low enrolments.

Associate Dean Hundemer **moved**, seconded by Prof. Fabry, that the above retirements be approved.

The motion carried.

Dean Lennox thanked Associate Dean Hundemer and the Academic Committee for the excellent work.

5. Dean's Business

– Announcements

(I) Kudos

2021 Fall Convocation

Professor Daniel Wise and Professor Piotr Przytyki have been awarded the 2022 American Mathematical Society E.H. Moore Research Article Prize for their JAMS paper “Mixed 3-manifolds are virtually special”.

Elected to Canadian Academy of Health Sciences

Professor Alain Dagher (Associate Member, Psychology) was elected to the Canadian Academy of Health Sciences for 2021. One of six new Fellows is recognized for contributions to the promotion of health science. This recognition reflects their dedication and excellence in their field

Royal Society of Canada's Sir John William Dawson Medal

Professor Catherine Potvin (Biology) was awarded the Royal Society of Canada's Sir John William Dawson Medal. The Royal Society of Canada bestows the Sir John William Dawson Medal biennially to researchers who have made important and sustained contributions interdisciplinary research.

For more in-depth information about the above awards, visit [Kudos](#).

(II) Acknowledgements

- Vice-Dean David Stephens (Mathematics & Statistics) will be on a well-deserved deferred six-month sabbatical leave starting 1 January 2022. On behalf of the Faculty of Science, Dean Lennox said he would like to express his gratitude to Vice-Dean Stephens for his leadership, the support he has provided throughout the COVID-19 crisis, and for his invaluable service to the Faculty and across the various units at McGill.

- **Instructors and Students**

At the end of another successful academic term, Dean Lennox said he would like to personally acknowledge the efforts of all instructors for their commitment to our students and delivery of quality instruction. Moreover, he would like to thank the students who have been working in partnership with the Faculty and offering comments on what works and what does not during the last 21 months of remote learning. He wishea-1.1 (n)-111.6 (H)-2.3.2 ()TJ-02.56 (I)3.1 (.)TJ0 (ai)-8.9 12.J0.158 Tw -19.2

sales as well as events across the City, such as a bar night at Topsy Cow. Additionally, the SUS environment committee hosted a sustainable eco-shop hop to highlight sustainable stores in the City and have continued to work on their sustainable cookbook.

After Hours have continued to be a huge success each Tuesday, and the V.-P. (External) has been partnering with various groups to offer tailored events each week. In December 2021, two such events include SGC captains bonding and an IHI bonding event on 7 December 2021. The V.-P. (Academic) has been managing student complaints and advising on an action plan. She has also met with the Schulich Library Committee and looks forward to aiding in the construction planning. The SUS President has been working closely with the Office for Science Education and the University Advancement in planning the OSE Poster Showcase. This year the focus is on further integrating alumni into the event. The SUS was also currently looking into partnering with the academia week team to increase their reach.

This semester has been very successful, and the SUS looks forward to working with the Faculty as the year progresses.

Dean Lennox thanked Mr. Bhutkar for an informative SUS Report. He added that the libraries had been remarkable partners and provided innovative support to the students in the last 21 months. The libraries are an integral part of the university, and a motion of thanks would be appropriate.

Mr. Rohan Bhutkar **moved**, seconded by Dr. Dechief, that the Faculty express its wholehearted thanks and appreciation for the incredible work of the library system during the Fall/Winter 2020-2021 and the Fall 2021 semesters.

The resolution of thanks was unanimous.

Dean Lennox said that there would be a presentation and discussion on wellness at the next Faculty meeting.

7. **Science Equity and Climate Committee**

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For more information about the conference please go to <https://blackscientists.ca/events-media/>.

Dean Lennox thanked Associate Dean Nilson for the above two important reports.

9. **The New Vic Project Update**

Dean Lennox reported that the project team was continuing to test scope changes in order to bring the costs down to the new ceiling of \$825M for the entire project. The RVH has been empty since 2015, and apart from some emergency repairs, the buildings have been untouched for 16 years. There is a lot of deterioration in the buildings, and bringing them back to modern standards is really costly.

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d) Associate Dean (Research) John Stix

On behalf of Associate Dean Stix, Dean Lennox gave a brief overview of the activities in the research portfolio. The federal government has announced formal dates for submitting both the LOIs and final applications for the Canada Excellence Research Chairs (CERC) competition and the Canada First Research Excellence Fund (CFREF) competitions. There are a limited number of possible applications for each of these programs. Associate Dean Stix will be sending out the details of internal deadlines and work with all the Chairs and faculty members to ensure that the best proposals are submitted. Dean Lennox commended the outstanding work done by Eduardo Ganem Cuenca (Research and Grants Facilitator) and Preeti Purba-Singh, (Grants and Awards Administrator).

11. Report on Actions of Senate

– Senate Meeting of 17 November 2021: Senator Jacques Hurtubise

After approval of the Senate Steering report, the Principal began the meeting with a campus update. There were almost no incidents of COVID infection in the previous month, only one being reported; the vaccination rate is about 95%. A similar situation

Ad hoc advisory committee on COVID academic planning and policies. Two goals of deliberations of the committee at the moment are methods for accommodating students who cannot attend in person, and giving faculty methods for reaching in a synchronous fashion the students who aren't there. On the agenda is discussion of faculty accommodation.

Senate adjourned at 4pm.

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existing structures, including moving to shared work spaces and hybrid or online learning approaches.

– Senate Meeting of 1 December 2021: Senator Jeffrey McKenzie

Senator McKenzie will report at the next Faculty of Science meeting scheduled on 18 January 2021.

12. Members' Question Period

There were no members' questions.

13. Other Business

Dean Lennox thanked members for attending the meeting and wished everyone a well-deserved break.

There being no further business, Prof. Hurtubise **moved**, seconded by Prof. Dirks, that the meeting be adjourned at 4:38 p.m.

The motion carried.