

Meeting of Faculty
Monday, 14 November 2023
Leacock Council Room - L232

ATTENDANCE: As recorded in the Faculty Appendix Book

DOCUMENTS: S-23-11, S-23-12

Dean Lennox called the meeting to order at 3 p.m., and welcomed members to the third Faculty of Science meeting of the 2023-2024 academic year.

1) ADOPTION OF AGENDA

Prof. Roulet

Item #4, Page 7

Associate Dean Hundemer mentioned that the Department of Psychology proposed the course, PSYC 303, as its first dedicated course on human memory, covering various aspects that have been addressed in other courses.

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

The motion carried.

2. Chemistry

New Courses:

CHEM 242	Organic Chemistry 1 for Chemistry and Biochemistry 4 credits	AC-23-24
CHEM 252	Organic Chemistry 2 for Chemistry and Biochemistry 4 credits	AC-23-25

Associate Dean Hundemer introduced two new courses, CHEM 242 and CHEM 252, titled Organic Chemistry 1 for Chemistry and Biochemistry and Organic Chemistry 2 for Chemistry and Biochemistry. These courses aim to address overcrowding in the existing Organic Chemistry courses (CHEM 212 and CHEM 222), particularly in labs. Due to the large enrollment, not all required experiments could be performed, impeding students' progress in Chemistry and Biochemistry. In response, the Department decided to propose new

Associate Dean Hundemer moved, seconded by Mr. Barry, that the changes be approved.

The motion carried.

CHEM 213 Introductory Physical Chemistry 1: Thermodynamics [AC-23-28](#)
Removal of course restriction
3 credits

Associate Dean Hundemer mentioned that the restriction for CHEM 213 has been removed to make it easier for students to enroll in the course.

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

The motion carried.

CHEM 273 Introductory Physical Chemistry 2: Thermodynamics [AC-23-29](#)
Changes: prerequisites, removed blocking for web
Registration
3 credits

Associate Dean Hundemer said that the revised prerequisites for CHEM 273 aim to explicitly specify that Calculus 3 taken in CEGEP is considered equivalent to MATH 222. Furthermore, the restriction on web registration has been removed, allowing students to register without requiring a permit.

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

The motion c-0.008 T (r)-1.3--4 ()]Te-CID 35 >>BDC -1a46 (o)6.2C /Span (c-0.008 T (r)-.- (t)3.6E005 T

- B.A. Honours Mathematics
- B.A. Honours Applied Mathematics
- B.A. Joint Honours Mathematics and Computer Science

Part B -

(i) Kudos

Dean Lennox thanked President Khamis for her comprehensive report, acknowledging the multitude of activities organized by the SUS.

7) SCIENCE EQUITY AND CLIMATE COMMITTEE

Associate Dean (Graduate Education) Laura Nilson provided a report on the October meeting of the Science Equity and Climate Committee. The focus was primarily on issues brought forth by members for consideration within the committee, serving as a vital function to identify areas for improvement within their domains at the university and propose collaborative efforts.

One notable issue discussed was the planning of accessible and sustainable events on campus. The Vice-President of Sustainability from SUS raised this issue, emphasizing the importance of planning Science events with accessibility and sustainability in mind. A meeting is scheduled later in the month to further address and plan an initiative that will provide information and guidance to help ensure that all Science even0 (us)-2 (4n (f)3.6 88h2

anticipates his decision in the coming weeks. This information is already in the public domain and has been reported in the press.

10) REPORTS OF ASSOCIATE DEANS

a) Vice-Dean David Stephens

There was no report for the current meeting.

b) Associate Dean (Academic) Axel Hundemer

- New Models of Academic Program Delivery (NewMAD) Update ([AC-23-31](#))

Associate Dean Hundemer reported that the NewMAD document was presented at a recent Senate meeting. The document highlights the future of teaching at McGill. Associate Dean Hundemer urged professors to carefully review it for detailed insights. The report explains the distinctions between hybrid and blended learning, with clarification on Page 10. It also serves as a reminder of the current permission for instructors to teach 15% of a course remotely. For percentages between 15% and 50%, approval from the Academic Committee and Faculty Council meeting is required. Beyond 50%, the Sub-Committee on Teaching and Programs (SCTP) approval is necessary. The report suggests that departments consider retaining elements from the online teaching experiences during the COVID-19 pandemic. The final aspect addresses ongoing efforts to define contact hours and ensure meaningful interaction with students. The subcommittee of the Academic Program Committee (APC) is assigned to explore this matter over the next 1.5 years, with faculty involvement expected during the process.

c) Associate Dean (Student Affairs) Anthony Mittermaier

Due to Associate Dean Mittermaier's absence from the current meeting, no report was provided.

d) Associate Dean (Graduate Education) Laura Nilson

There was no report for the current meeting.

e) Associate Dean (Research) John Stix

Associate Dean Stix reported on two items:

- (1) The CFI 12 for the new CFI Innovation Fund projects is in progress. Expressions of interest have been submitted, and the team is currently reviewing the proposals. There is a high level of interest, resulting in many intriguing projects.
- (2) There will not be an open call for the James McGill, William Dawson, and CRC Chairs this year due to budget constraints and other factors. This annual tradition is being paused for one year, with plans to resume, possibly this summer and certainly next year. Questions about this can be directed to Associate Dean of Research after the meeting.

Further to Associate Dean Stix's updates, Dean Lennox explained that the Government of Canada evaluates the total grant intake at each university every three to five years, determining the distribution of Canada Research Chairs (CRCs) proportionally. McGill has experienced a shift in equilibration within the U15 Group, resulting in the loss of nine CRCs out of its previous 164. This reallocation trend is observed in other universities, with institutions like Calgary becoming more active and successful in research, leading to a redistribution of CRCs.

11) Report on Actions of Senate

- Senate Meeting of 19 October 2023: Senator Peter Grütter

Principal Saini Chaired the Senate meeting, which began with memorial tributes including two by Dean Lennox for Professor Emerita Marta C. Bunge and for Professor Wilbur Jónsson both from Mathematics and Statistics.

Chair's remarks (relevant to the Faculty of Science):

Principal Saini discussed the University's response to the report on asbestos at the Mac campus, which has relevance for many in our community, including Faculty from Biology and Psychology, and noted the two town halls for McGill community members about asbestos that took place on 22 September 2023.

Principal Saini talked about a new long-term strategic plan for the University: McGill 2050, for which he will start consulting this fall.

Additionally, he outlined immediate strategic plans, and this included trying to accelerate major infrastructure projects such as the New Vic Project.

There were several reports that were approved, including of the Senate Steering, the Senate Nominating, and the EDI committee.

Then there was a report from Associate Provost Celeste Pedri-Spade, who gave an update on the Indigenous Advisory Council, which is part of McGill's approach to fulfil its responsibilities from the Truth and Reconciliation Calls to Action. There was some discussion centred on this.

Then there was a report to Senate from the Board of Governors. This had one specific item to be discussed at Senate: Discussion of change of title from Principal to President.

At the international level, "President" is more universally understood than the term "Principal," making it easier for administrators when traveling internationally. Principal has Scottish roots and is rare within Canada. This would reflect on vice-Principals, Associates, and Assistants too – everything would be altered.

The French translation of President is Recteur, which would align more with the other Universities in Québec. There was some discussion, although most did not seem to have strong opinions on it.

Finally, there were reports on the Committee on Enrolment and Student Affairs and the Committee on Student Services. The last one was interesting for members of Faculty of Science. They described that there have been changes in their services as they adapt to post-pandemic student needs. More students access student services virtually than in person (60-40 split) which has some advantages and some disadvantages. They are dealing with increased student isolation and loss of life's skills among students. The issue of food insecurity among students was raised, and efforts are currently in progress to address this concern.

14) MEMBERS' QUESTION PERIOD

Due to time constraints, the question from a member (

There being no other business, Mr. Barry moved, seconded by Prof. Jeon, that the meeting be adjourned at 4:20 p.m.

The motion carried.