

**FACULTY OF SCIENCE  
MEETING OF FACULTY  
18 January 2022 at 3:00 p.m.**

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

**DOCUMENTS:** S-21-14, S-21-15

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

**1. Adoption of Agenda**

Mr. Barry **moved**, seconded by Prof. Breau, that the Agenda be adopted.

**The motion carried.**

**2. Resolution on the Death of Professor Emeritus Donald Taylor, Department of Psychology**

Prof. Blaine Ditto, Chair of the Department of Psychology, read the following Resolution on the Death of Professor Emeritus Donald Taylor:

It is with great sadness that I report the passing of Donald M. Taylor, former professor in the Department of Psychology and an internationally renowned researcher and leader in the field of Intergroup Relations. He passed away on October 24, 2021.

Dr. Taylor was born in Halifax on April 3rd, 1943, to parents William and Lucy Taylor; then raised in Montreal. He got his start as an undergraduate attending Western University to play on the football team. He soon developed a passion for social psychology and completed his PhD at Western in 1969. That same year he joined the faculty at McGill where he stayed for the rest of his career. He taught more than 30,000 students over his 47 years at McGill and remained an active emeritus professor supervising students until 2020. He never missed a class due to illness or even when sporting 57 stitches to his face as the result of an errant hockey puck during a game he was playing the evening before. Dr. Taylor won numerous awards and honours during his career, including the McGill Medal for Exceptional Academic Achievement and the Gold Medal from the Canadian Psychological Association. He was especially appreciative of his teaching awards from CPA and McGill—the Leo Yaffe and the Principal's Prize. He was an extraordinary teacher, mentor, and researcher, legendary for his compelling anecdotes and thought-provoking rants.

Dr. Taylor's lab and field research focused on cultural identity, examining a range of topics including discrimination, terrorism, and inequality. He was a trailblazer in his research and his book *Theories of Intergroup Relations* became an atlas for the field. Much of his work addressed the problems faced by members of disadvantaged groups, including refugees, immigrants, and racial minorities in Canada, the United States, and places around the world including India, Indonesia, South Africa, Zimbabwe and the Philippines.

Dr. Taylor's most enduring and influential field work was with indigenous communities of the North. For three decades he travelled regularly by small plane to Inuit communities in Nunavik, working with local organizations to promote education as well as to study pressing issues such as the maintenance of the Inuktitut language. Given the trusting and respectful connection he built with Inuit and First Nations communities, it is not surprising that he was asked to contribute to the Truth and Reconciliation Commission. Throughout his career Dr.

Taylor was committed to research that examined difficult issues of intergroup relations, and to actions that served to promote a fairer world.

Dr. Taylor was widely regarded as “larger than life.” With various friends and family members he kayaked 350 km from Orillia to Trenton, and cycled across Canada from Montreal to Newfoundland, across Route 66 in the American Southwest, and from the south of England to Scotland. He completed 10km runs and triathlons into his late 60s and early 70s. He also played guitar throughout his life, regularly performing at Psychology department holiday parties to the delight of faculty and students alike.

We extend our heartfelt condolences to Don’s family and friends. He will be sorely missed by his colleagues at McGill and the many colleagues, students, and others around the world whose lives he touched.

**The resolution was adopted unanimously.**

**3. Resolution on the Death of Professor Emeritus Adi Eisenberg, Department of Chemistry**

Prof. Dima Perepichka, Chair Professor Dima Perepichka, Chair of the Department of Chemistry, read the following Resolution on the Death:

With heavy hearts, we announce that Professor Emeritus Adi Eisenberg has passed away on January 12, 2022 after a long and courageous battle with Alzheimer’s disease.

Dr. Eisenberg was born in 1935 in Breslau, Germany (currently Wroclaw, Poland). He lost most of his family in Holocaust while he and his mother survived by hiding in Poland, Czechoslovakia, Hungary and Romania. They moved to Germany after the war where Adi started his first formal schooling at the age of 13. He immigrated to the USA in 1951, where he earned his B.Sc. from Worcester Polytechnic in 1957 and his Ph.D. from Princeton University in 1960, under direction of Arthur Tobolsky. Dr. Eisenberg worked as a NATO post-doctoral fellow at the University of Basel with Werner Kuhn, before joining UCLA in 1962 as an Assistant Professor. In 1967 he was recruited to McGill as an Associate Professor, promoted to the rank of Full Professor in 1975 and named Otto Maass Chair of Chemistry in 1992. Adi retired in 2009 but continued his NSERC-funded research long after his retirement.

Dr. Eisenberg is recognized internationally as one of the greatest physical polymer chemists and a pioneer of the important field of ion-contained polymers. His ground-breaking work on colloidal self-assembly of amphiphilic block copolymers enabled a number of modern technologies in drug delivery, materials science, and nanofabrication. During his career at McGill, he has published over 400 papers and has become the most cited chemist in the history of the Department. He was elected a Fellow of the Royal Society of Canada and received numerous awards, including Killam Research Fellowship, E.W.R. Steacie Award, Archambault Prize from ACFAS, Humboldt Research Award, and the Canadian Institute of Chemistry (CIC) Medal. In 2010, Dr. Eisenberg has received the inaugural McGill Medal for Exceptional Academic Achievements.

Nearly 50 graduate students and over 60 post-doctoral fellows have been trained in Eisenberg’s lab. Many of them have become well-known polymer chemists continuing Adi’ scientific legacy in academia and industry, in Canada and around the World. Adi himself was proud of his academic genealogy in which he relates to Henry Eyring (as an academic grand son), to Arrhenius and Michael Polanyi (as an academic great grand son), and to Baeyer, Ostwald, van’t Hoff and Boltzmann (as an academic great great grandson).



Associate Dean Hundemer explained that the increase in credit weight was necessary to allow more time to introduce the topic for novice students and cover more advanced topics for students with some knowledge of the subject.

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

**The motion carried.**

2. Chemistry  
CHEM 204                      Physical Chemistry/Biological Sciences 1                      **AC-21-63**  
Changes in restrictions  
3 credits
- CHEM 273                      Introductory Physical Chemistry 2: Kinetics and Methods **AC-21-64**  
Changes in restrictions  
3 credits

Associate Dean Hundemer said the above changes reflected changes in restrictions due to retired courses.

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

**The motion carried.**

### **Section III. Program Revisions**

- Physics  
- Honours Program in Physics                      **AC-21-65**

Associate Dean Hundemer described the changes in the Honours Program in Physics. There are two changes: (i) an existing course (PHYS 534) has been added to the list of Complementary courses, and (ii) a change to the eligibility requirements for graduating with an Honours Program in Physics degree. Currently, to graduate with an Honours degree, students must maintain a GPA of at least 3.00 in U1, U2, and U3. If a student fails a Required or Complementary course in a single term, the student becomes ineligible to continue in the Honours program. The requirements were consequently being revised in that Honours students will need to maintain a 3.00 GPA in both courses and overall program at graduation, not on an annual basis.

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

**The motion carried.**

Dean Lennox thanked Associate Dean Hundemer for the excellent report. He added that the Academic Committee is a very hard-working committee that reviews many documents.

### **7. Dean's Business**

#### **– Announcements**

- **Kudos**

**Professor Robert Zatorre** (MNI, Associate Member, Psychology) was awarded La Fondation Pour l'Audition's Grand Prix Scientifique, which recognizes leading research into the human auditory system.

**Professor Daniel Schoen (Biology)** was honoured in the *Québec Science 2021* annual list of the top 10 scientific research discoveries in Québec for “When the bloom is off: why do some plants produce small and unattractive flowers?”

**Canadian Association of Physicists - Three Winners from the Department of Physics:**

- **Professor Simon Caron-Huot** won the Canadian Association of Physicists' Herzberg Medal in recognition of significant achievements for early-career researchers.
- **Professor Sangyong Jeon** was awarded the CAP-TRIUMF Vogt Medal, which recognizes and encourages significant experimental or theoretical contributions to subatomic Physics.
- **Professor Robert Brandenberger** won the Canadian Association of Physicists Medal for Lifetime Achievement.

On behalf of the Faculty, Dean Lennox congratulated the above winners for their remarkable achievements.

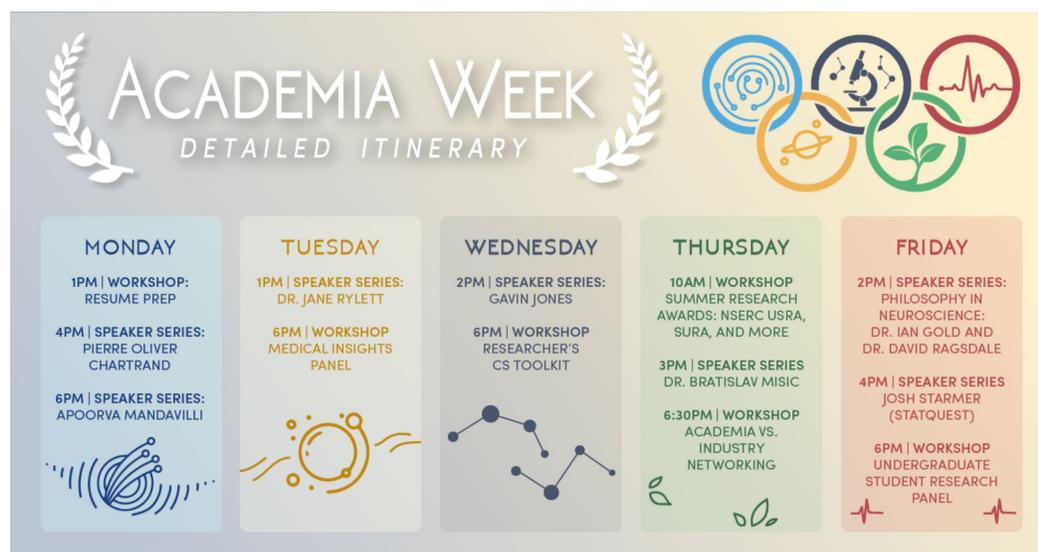
For more detailed information about the above awards, visit [Kudos](#).

**8. Science Undergraduate Society (SUS) Report**

Mr. Rohan Bhutkar, SUS President, gave the following SUS report.

Most of the SUS committees and executives have taken some much-needed time off. With the new restrictions, many of the Winter 2022 plans have been canceled and are transitioning to online events, including the Science Games, which was set to begin on 18 January 2022. All participants were refunded their tickets. The SUS Gala, scheduled for 5 February 2022, has also been canceled.

The Sustainability Portfolio has remained active over the last month. The various committees have been promoting events on social media and are finding ways to involve students. Academia Week is scheduled for 24 January 2022, and below are the details for the week. Also, plans are underway to hold a General Assembly on 8 February 2022 to bring student concerns to the forefront.



Many departments are transitioning to an online format for all extracurricular activities. Since the change was relatively sudden, many of the events are still to be scheduled. It

is hoped that by the end of the Winter semester to be back in person, and the departments will be able to host their Galas. Plans are underway for the Graduate Ball to take place in a few months.

## 9. Science Equity and Climate Committee (SECC)

Associate Dean Nilson said that at the beginning of the Fall semester, one of the priorities for the 2021-2022 academic year was to expand the mission statement of the SECC into an official Terms of Reference (ToR). A small working group made up of SECC members and the Chair drafted, discussed, and edited the document. In parallel, a draft ToR document was prepared for departmental EDI committees. The rationale behind this was to help support and coordinate the work of the department-level EDI committees by establishing a defined ToR for these committees. A number of these committees are relatively new. The goal is to help support them by providing a framework for their work and, through this framework, ensure the sustainability of these committees going forward. The working group is currently soliciting additional feedback on the document and will report on the progress at a future Faculty meeting.

## 10. Provost's Action Plan to Address Anti-Black Racism

Associate Dean Nilson reported on the progress of the Provost's Action Plan to Address Anti-black Racism. In December 2021, Associate Dean (Graduate Education) met with the working group that is developing a plan for the Bellairs' Initiative. The plan includes student exchanges, workshops, and other programming, aligned with Action Item #3 in the Physical Space axis of the Provost's Action Plan to Address Anti-Black Racism (2020-2025), issued in Sept 2020. In the Plan, McGill commits to: Convene a working group to explore and make proposals that would draw on the Bellairs Research Institute as a site to further research and learning in connection with topics such as:

- Barbadian-Canadian relations
- Caribbean studies
- slavery studies
- post-imperial studies
- sustainability studies
- the Blue Economy

Timeline:

- 2020-2021 Academic Year: Working Group convened, terms of reference set
- 2021-2022 Academic Year: Working Group report to be submitted

### Black History Month

Associate Dean Nilson reminded members that February is Black History Month. She drew particular attention to the [6th Annual Celebration of Black History Month \(BHM\) at McGill University](#), which begins on 1 February 2022.

The Faculty of Science is delighted to join the Office of the Provost & Vice-Principal (Academic) in sponsoring this year's edition of this important event. The month offers a chance to convene and celebrate the achievements and contributions of Black faculty, students, staff, and alumni, as well as Black persons and communities beyond our campus.

Below is a link to the schedule of events:

[Black History Month 2022 Schedule of Events | Equity at McGill - McGill University](#)

The Opening Ceremony will take place online on **Tuesday, 1 February 2022, from 5-7 p.m.**, and a highlight of this ceremony is always the keynote address. This year, as a sponsor, the Faculty of Science worked with the Provost's office to identify and invite this year's keynote speaker, the prominent psychologist **Dr. James Jones**.

Dr. Jones is the Trustees' Distinguished Professor Emeritus of Psychological and Brain Sciences and Black American Studies and Director of the Center for the Study of Diversity at the University of Delaware.

The title of Dr. Jones' talk is, *Diversity within Psychology*.

Registration for keynote: [Black History Month 2022: Opening Ceremony Diversity within Psychology with Keynote Speaker Prof. James Jones | Equity at McGill - McGill University](#)

Dean Lennox thanked Associate Dean Nilson and the Committee regarding their two very important reports. He commented that the SECC has developed into an intrinsic part of the Faculty of Science and perhaps should be officially recognized within the Faculty's Constitution.

#### 11. **The New Vic Project Update**

Dean Lennox gave an update on the progress of the New Vic Project. He said that the Project team had received a detailed design (40%) floor-by-floor space description of the New Vic complex from the architects and associated professionals in December 2021. The design shows everything from the flow of people through the buildings to the details of the laboratories, infrastructure such as the electrical systems, etc. Also, to ensure that the project costs align with the available funding of the project, detailed cost estimates were presented. There has been tremendous support and contributions from many members of the Faculty of Science on the Design Advisory Team. Moreover, before starting the demolition, decontamination of the site must be done under very restrictive conditions. It is anticipated that the Dossier d'affaires (DA) will be submitted in late April 2022 to the Québec government for review and approval. Dean Lennox said he welcomed members' suggestions and questions.

#### 12. **Reports of Associate Deans**

a) Associate Dean (Academic) Axel Hundemer

There was no report for the current meeting.

b) Associate Dean (Student Affairs) Anthony Mittermaier

Associate Dean Mittermaier encouraged instructors holding in-person mid-term exams or high-value quizzes to ensure clarity early in the semester on the process to follow for students who miss class due to COVID-19 symptoms. It is extremely important that students do not show up on campus to write mid-term exams for everyone's sake. Having a plan in place will put a lot of students' minds at ease and likely save time for instructors.

c) Associate Dean (Graduate Education) Laura Nilson

There was no report for the current meeting.

d) Associate Dean (Research) John Stix

Associate Dean Stix reported that some incredible Canada First Research Chairs (CERC) projects are potentially going forward to the next level of approval. Prof. Brian Robinson from the Department of Geography is currently putting together some exciting projects related to biodiversity research.

#### 13. **Report on Actions of Senate**

– Senate Meeting of 1 December 2021: Senator Jeffrey McKenzie

Memorial tributes were presented for Dr. Richard Goldbloom from Medicine, Professor Emeritus Musa Kamal from Engineering, and Professor Ronald Storrs McCall from Arts.

In her Chair's Remarks, Principal Fortier discussed the increase on-campus activities next semester, particularly in-person classes, and highlighted the very low on-campus transmission. She noted the in-person convocation the previous week, and that the University is still examining how to celebrate students whose graduate ceremony was curtailed due to the pandemic. Finally, the Principal noted that Quebec announced major university investments, including \$1.7 billion for a new scholarship program.

There was a formal question regarding feedback processes within the University, particularly from stakeholders impacted by new systems (such as Workday). Provost Manfredi did acknowledge there are problems with soliciting feedback, and that the University could do better on this front.

The annual report for the 2020-2021 financial state of the University was presented. Of note is that the auditor's report was 'clean'. Three committee reports were presented to Senate on Physical Development, Enrolment and Student Affairs, and Libraries. The most exciting exchange was when Senator Kirk suggested that the Library Committee report was 'a little thin', a suggestion that Committee Chair Senator Buddle seemed to take offense to. As always, all reports are available on the Senate webpage.

Finally, a report from the recently formed Ad Hoc Advisory Committee on COVID Academic Planning and Policies (AHACCAPP). Two items of interest. First, a strong recommendation from AHACCAPP that the current COVID Fall Semester accommodations for students should continue in the winter semester.

Second, a suggestion from the committee to revisit accommodations for instructors who feel they are unable to teach on campus due to COVID concerns (e.g., living with compromised people at home). This suggestion brought a strong reaction from groups who have critical in-person teaching, such as clinical medicine. The discussion ended with a quote from Senator Daniel Weinstock: "Equity doesn't mean sameness."

Senate ended after a report on the Joint Senate – Board of Governors Meeting the previous month.

Dean Lennox added that a document outlining a set of accommodations had been distributed by the Ad Hoc Committee on COVID and Academic Planning and Policies following the Senate meeting on 1 December 2021. The basis of the document is to find pedagogical arrangements as much as possible to acknowledge that people's partners or family members can be in a health-compromised situation.

**14. Members' Question Period**

There were no members' questions.

**15. Other Business**

In response to a members' question, Associate Dean Hundemer explained that as of 24 January 2022, instructors do not need special permission to teach 20% of their courses remotely for the Winter 2022 semester. Dean Lennox encouraged instructors to contact their Chairs/Directors for any questions. More information will be available later on in the term.

There being no further business, Prof. Breau **moved**, seconded by Prof. Fabry, that the meeting be adjourned at 4:40 p.m.

**The motion carried.**