



Faculty of Science

Office of the Dean
St. John's, NL Canada A1B 3X7
Tel: 709 864 8154 Fax: 709 864 3316
deansci@mun.ca www.mun.ca/science

FACULTY OF SCIENCE FACULTY COUNCIL OF SCIENCE Minutes of Meeting of February 19, 2025

A meeting of the Faculty Council of the Faculty of Science was held on Wednesday, February 19, 2025, at 1:00 p.m. using a hybrid model of WebEx and in-person (C-2045).

FSC 3092 Present

Biology

A. Chaulk, S. Dufour, D. Harvey, D. Marshall, M. Rise

Biochemistry

V. Booth, M. Berry, R. Bertolo, J. Brunton, S. Christian, S. Harding

Chemistry

M. Katz, F. Kerton, C. Kozak, N. Ryan, S. Smith, H. Therien-Aubin

Computer Science

S. Bungay, A. Fiech. M. Hatcher, C. Hyde, C. Sullivan

Mathematics & Statistics

J. Alam, I. Booth, C. Cigsar, R. Haynes, J.C. Loredó-Osti, T. Sheel, S. Sullivan, Y. Yilmaz-Cigsar

Ocean Sciences

I. Fleming, P. Gagnon, J. Wroblewski

Physics & Physical Oceanography

D. Coombs, S. Curnoe, E. Hayden, H. Neilson, I. Saika-Voivod, L. Zedel

Psychology

S. Blandford, D. Hallett, K. Hourihan, N. Penton, C. Walsh

Dean of Science Office

J. Blundell, J. Bowering, T. Fridgen, M. Fitzpatrick, L. Frizzell, C. Hussey, G. Jackson, J. Kavanagh, P. MacCallum, J. Major, V. MacNab, T. Mackenzie, D. Nichols, R. Newhook, N. Squires, C. Thorpe

Representatives from other Faculties

B. Misiuk (HSS)

Student Representatives

S. Ahmed, F. Dominie, E. Gnam, F. Ishrak, E. Mohammadreza, N. Penton, F. Probandno

Regrets

K. Pushkarenko (HKR Representative)

FSC 3093 Adoption of Minutes

(Minutes of December 4, 2024 will be held until Faculty Council in March.)

FSC 3094 Business Arising: No Business

FSC 3095 Correspondence: No Report

FSC 3096 Sustainable Science Commitment

Presented by Mikhailey Wheeler and Olivia Wyper (presentation attached)

On February 20, 2025 the Faculty of Science will be signing a sustainable science commitment that originates from “Green Chemistry”.

FSC 3097 Reports of Standing Committees:

A. Undergraduate Students Committee: No Reports

B. Graduate Studies Committee:

Presented by Adrian Fiech, Chair, Graduate Studies Committee

- a. Department of Computer Science, Special Topics Course, COMP 6780, Special Topics in Tactile Robotic Manipulation, approved by the Faculty of Science Graduate committee and presented to Faculty Council for information only.

C. Library Committee: No Business

FSC 3098 Dean's Report

Thank you to S. Pansare for serving as Head of Chemistry for six years and a warm welcome to C. Bottaro for assuming the role as the next Head of Chemistry for a 3-year term. Thank you to G. Dunning for assuming the role as Head of Earth Sciences for another three years. Thank you to JC Loredano-Osti for serving as Head of Mathematics and Statistics for six years and a warm welcome to I. Booth for assuming the role as Head of Mathematics and Statistics for a 3-year term.

The review of the Associate Dean (Graduate and Research) position is well underway. A survey for feedback will be sent out to all faculty, staff and students within the Faculty of Science next week.

Thank you to J. Major, who has worked with the Faculty of Science as a Grants Facilitation Officer for the last four years. She will be joining RIS for a 3-year secondment. Please redirect your questions to P. MacCallum.

FSC 3099 Questions

M. Berry asked if there was an update on the funding for outreach. The Dean informed Faculty Council that the proposal was resubmitted on Tuesday, February 18 and will update once the proposal is reviewed. Funding is expected for [Foster](#). Some of the areas this funding was requested was to help support Foster, hiring co-op students, SURA students, SEA conference, expansion of the Science camps.

L. Zedel asked for an update on what's happening with building maintenance. M. Berry asked if it would be possible to have more notice from Facilitates Management.

M. Berry said snow clearing is an issue on campus. The Dean suggested to take pictures of the blocked doorways, sidewalks, etc. and upload them to the MUN safe app.

FSC 3100 Adjournment:

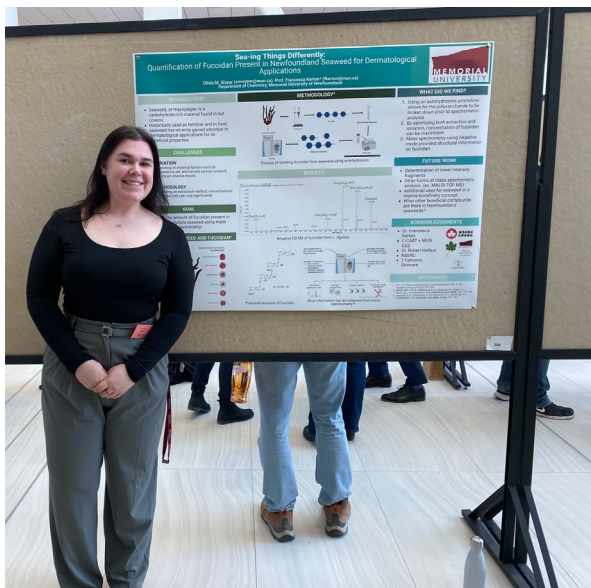
Meeting adjourned at 1:34 p.m.

“Greening” the Faculty of Science

Green Chemistry Commitment

Faculty of Science - Council Meeting
Mikhailey Wheeler and Olivia Wyper

Who are we?



Olivia Wyper
4th year PhD candidate, Chemistry
Kerton Group



Mikhailey Wheeler
5th year PhD candidate, Chemistry
Kerton Group



What does it mean to “green” the faculty?

Green Chemistry: the design of chemical products and processes that reduce and/or eliminate the use or generation of hazardous substances

AKA - being safe and sustainable

Our mission: sign the green chemistry commitment and work with Beyond Benign to transform the Faculty of Science into a more sustainable unit

Note: the idea of green chemistry applies to all disciplines of science, not just chemistry



What is the Green Chemistry Commitment?



A framework to unite the 'green chemistry' higher education community

Signing the commitment will:

- Expand/access to the community (connecting us to other universities)
- Grow departmental resources (e.g., grants, professional development, awards)
- Improve student connections to job opportunities (GC-TLC, webinars, etc.)
- Affect systemic and lasting change in science education through curriculum and labs



What is required of us?

No set objectives, no deadlines.

**Just a commitment to continual improvement towards
sustainability**

A staff/faculty member will collect departmental data complete an **annual online report** highlighting accomplishments and future goals



Who else has signed the green chemistry commitment?



Notable mentions include McMaster, McGill, UBC, UofT, & 13 other Canadian Institutions



Each department would simply have to TRY

What are *some* examples of what we can do?

- 1. Reducing paper waste/recycle when needed** (online assignments and lab reports)
- 2. Revising departmental curricula to include topics of sustainability** (e.g., Toxicology course from Beyond Benign)
- 3. Collaboration between the departments/within the department**
- 4. Power off a device you're not actively using**

Questions?
Thanks for your time!

Contact information:

Mikhailey (mdw631@mun.ca)

Olivia (omwyper@mun.ca)