

SCIENCE FACULTY COUNCIL MINUTES

Friday, April 29, 2022

Chair:	Lucy Lee, Dean
Present (In person):	Ian Affleck, Carolyn Atkins, Robin Endelman, J Hughes, Manveer Jhamat, Stan Manu, Mariano Mapili, Janice Nagtegaal, Stefania Pizzirani, Vanessa Radzimski, Alan Reid, Jane Webb
Present (Virtual):	James Bedard, Nathan Bialas, Jeff Chizma, Karen Cooper, Kseniya Garaschuk, Longlong Huang, Alida Janmaat, Jesper Johansen, Ruwan Karunanayaka, Anna Kuczynska, Justin Lee, Olav Lian, Lin Long, Afia Raja, Greg Schmaltz, Shaun Sun, Frank Zhang
Regrets:	Cory Beshara, Linus Chiang, David Fenske, Golfam Ghafourifar, Heather Kelly, Jason Thomas, Ben Vanderlei, Noham Weinberg
Recorder:	Caroline Majeau

1. GUESTS and INTRODUCTIONS

- 1.1. **Nicolle Bourget**, Academic Strategic Programs and Projects provided an update on the Faculty of Science and Faculty of Applied and Technical Studies merge consultation. A survey was sent out to 147 possible respondents and received a 20% response rate. She will be presenting the results to the Provost and VP Academic in May and will then follow up with a formal report to both Faculties for consideration.
- 1.2 **Victoria Surtees**, Teaching & Learning Specialist, Internationalization provided an overview of her position within Teaching and Learning and how she can support our faculty. She shared a list of resources and upcoming workshops to assist faculty with internationalization. (See attached [Internationalization Resources for the Faculty of Science](#)).

2. AGENDA and MINUTES

2.1. Adoption of Agenda

MOTION:

THAT the Science Faculty Council adopt the agenda as presented.
Vanessa R. / 2nd Mariano M.; all in favour; adopted.

2.2. Approval of the Minutes - April 1, 2022

MOTION:

THAT the Science Faculty Council approve the minutes from April 1, 2022 as presented.
Alan R. / 2nd Afia R.; all in favour; approved.

3. FSCC (Curriculum Committee) - Ben Vanderlei

For Decision: Nothing to report.

4. FSCC (Curriculum Committee)

For Information: *the following was approved through the Faculty of Applied and Technical Studies*

4.1. Engineering Transfer Program (ETP) Revisions

4.2. Engineering Physics (Mechatronics) diploma revisions

4.3. Revision to ENGR 210: Circuit Analysis

5. DISCUSSION / DECISIONS

5.1. School of Land Use and Environmental Change Faculty Standards and Promotion

A further recommendation was made by the Faculty Standards Committee regarding SLUEC's Faculty Standards and Promotion. The document was brought back to SFC for approval. No further discussion or questions were raised.

MOTION:

THAT the Science Faculty Council approve the revision to SLUEC's Faculty Standards and Promotion as recommended by the Faculty Standards Committee.

J Hughes / 2nd Stefania P.; all in favour; approved.

6. REPORTS

6.1. Dean's Report - Lucy Lee

- The Department of Agriculture Technology will be joining the Faculty of Science on May 1st. Dr. Renee Prasad, Department Head; Michelle Morier, Department Assistant; Angela Oscienny, Program Technician; two new faculty members and a new CRC chair which will be announced soon.
- Lucy advised that UFV has begun another search for a new Director of Health and Safety. The SAC has already met and have short-listed candidates.
- UFV announced 4 new Professor Emeriti in science: Greg Schlitt and Erik Talvila from Math and Stats; Noham Weinberg, Chemistry; and Christine Dalton, Biology. Noham and Christine are both retiring in August 2022.
- Congratulations to Biology Associate Professor, James Bedard. He is the recipient of this year's UFV Research Excellence Award.
- Lucy announced that the Faculty of Science has a new NSERC Award winner for a 5-year Discovery Grant. She will announce the name at the next SFC meeting.
- Congratulations to Rhien Hare who has been selected to represent UFV at this year's London Youth Science Forum (LIYSF). She will be travelling to London in person with Annabelle Czihaly, UFV's 2020 LIYSF recipient.
- There are several vacancies within the faculty which are in the process of being filled. These will all be finalized within the next 1-2 months.
- Lucy announced that she is hosting the Canadian Council of Science Deans' Conference from May 27-29 at the Abbotsford Campus. Science Deans from across Canada will be joining in-person and virtually.

- Lucy reminded faculty to share news, publications, grants, etc. so we can include it in our monthly Report to the Provost.

6.2. Advising - Karen Cooper

- Graduates – May 5 is the deadline for grades to be in. Faculty are to advise Karen if there is a problem meeting the deadline as the timeline is short to have the list of graduates approved at Senate.
128 - BSc Graduates | 8 - Associate of Science | 3 – Bachelor of Agriculture Science (BAS) | 3 – Engineering Physics.
- **Admissions:** There are a high number of admissions for the fall. There are 700+ BSc applications, a number of Associate of Science. The BAS is up, Engineering Transfer Program is 22-24, and the Engineering Physics is on hold for a year.
- Karen advised there is a change in the registration system. With the release of Banner 9 they anticipate a much nicer registration process.
- **Faculty advisor** – Karen thanked Jane W. for her time in the Advising office. Welcome to Stan Manu who will begin his 2-year term in September.
- **Calendar changes** for Fall: Contact Amanda if you have updates so it can make it in.
- Academic Success has moved into VP Students. Encourage your students to sign up and look into being tutors. They really need tutors in the sciences. Applications for the fall semester is open now.
- Faculty of Science Convocation will be in person on June 14 alongside the Faculty of Professional Studies. Lucy encouraged faculty to participate. The in-person convocation is only for the 2022 graduates.

6.3. BSc Committee - Stan Manu

The committee will be meeting again next month. Each department has homework to bring back.

6.4. Indigenization and EDI

- The first Science Indigenous Discussion group was held on April 22. Lorna Andrews plus 12 others from science attended. Ian and Stefania provided an overview of the discussion, their takeaway was: it's not just about content but how you teach it. A invite for the next discussion will be sent out soon.
- May 4 is the Indigenous Graduation at CEP.
- Ian will be attending the Turtle Island Indigenous Science Conference at the University of Manitoba in Winnipeg. If anyone is interested in attending, please visit: <https://news.umanitoba.ca/2022-turtle-island-indigenous-science-conference/>

6.5. Senate - J Hughes | Pedro Montoya-Pelaez

As J Hughes' term on senate is almost finished, Science will need a replacement. Lucy encouraged faculty to apply. It counts heavily to your service component. Visit <https://www.ufv.ca/secretariat/get-involved/board--senate-vacancies/> to apply.

6.6. Students - Manveer Jhamat

Nothing to report.

6.7. Other Reports

- **Science Rocks:** The summer camps are back in person. The ad for 3 summer hires has been posted. Robin E. asked faculty to encourage their students to apply. Ian suggested that a personal email to a specific student they feel would fit this position would be best.

7. INFORMATION ITEMS

- 7.1.** Monthly reports to the Provost from the Faculty of Science can be found here: <https://ufv.ca/science/deans-office/monthly-department-highlights/>. If you have news to share, please email Caroline so it can be included on our next report.
- 7.2.** The following new policies have been approved and will be accessible on the Secretariat Website: <https://www.ufv.ca/secretariat/policies/>
Fraud Prevention (Policy 240) | Emergency Management and Business Continuity (Policy 241) | Risk Management (Policy 242) | Death of a Student (Policy 239)

8. ADJOURN - 2:40 PM

Internationalization Resources for the Faculty of Science

Adding: Including international and global perspectives to courses and programs

- **A practical step-by-step example for STEM**
Etherington, S. J. (2014). But science is international! Finding time and space to encourage intercultural learning in a content-driven physiology unit. *Advances in physiology education*, 38(2), 145-154. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4056175/>
- **Principles and guiding questions for including international and intercultural components**
Page, C. (2021). Interculturalizing the Curriculum. KPU Open Education. <https://kpu.pressbooks.pub/interculturalizingcurriculum/front-matter/introduction/>

Adjusting: Support resources for international students and ideas for inclusive activities

- **Easy tips for activating students' multilingual resources for quality academic writing**
[Translanguaging: Using your native language to read and write in English.](#)
- **Pronouncing students' names**
<https://www.howtopronounce.com/>
- **Easy strategies for providing processing time for in-class discussions**
<https://www.edutopia.org/article/extending-silence>
- **Adding captioning or different language subtitles to your ppts**
<https://www.youtube.com/watch?v=lnwQr3jNcTg>
- **Content-language integrated support provided by ELS**
Contact ELS@ufv.ca
- **Workshop: Test Questions for multilingual learners**
Email: Victoria.Surtees@ufv.ca

Transforming: Providing context for and discussing consequences of Western Science

- **Intro: Contextualizing scientific knowledge with critical pedagogy**
<https://www.chemedx.org/blog/critical-thinking-vs-critical-pedagogy>
- **Workshop: How do you know that? Culturally relevant and responsive teaching**
<https://events.ufv.ca/tlc/events/how-do-you-know-that-culturally-relevant-and-responsive-teaching-workshop/>