

SCIENCE FACULTY COUNCIL

Minutes

Friday, May 26, 2017 - 1:00 pm – Room D217

CHAIR: Lucy Lee

PRESENT:

Ian Affleck	Christine Dalton	Karin Loots	Greg Schlitt
Jennifer Barrett	David Fenske	Cynthia Loten	Norm Taylor
Jeff Chizma	Grant Fritzke	Pedro Montoya-Pelaez	Ben Vanderlei
David Chu	Robin Kleiv	Peter Mulhern	Jane Webb
Karen Cooper	Jeff Krahn	Janice Nagtegaal	Noham Weinberg

REGRETS: Nathan Bialas, Golfam Ghafourifar, David Harper, Anna Kuczynska, Renee Prasad, Alan Reid, Rebecca Robertson, Shaun Sun, Perrin Waldock

RECORDER: Caroline Majeau

1. GUESTS and INTRODUCTIONS

2. AAA Awards Celebration

Congratulations to this year's winners!

- Awesome Achievement – Alan Reid
- Terrific Teacher – Ian Affleck
- Remarkable Research – Erik Talvila
- Outstanding Outreach – Robin Kleiv
- Superb Service / Faculty – David Fenske
- Superb Service / Staff – Pat Cruickshanks

Special thanks to David Fenske for his long service as Chemistry Department Head. SFC wished Pat Cruickshanks a happy retirement in addition to her Superb Service Award. Both David's and Pat's replacements will be announced soon.

Ian Affleck and Pedro Montoya-Pelaez were congratulated for the most Faculty Council Meetings attended over the year. Lucy stressed the importance of faculty attending the monthly meetings.

3. AGENDA and MINUTES

3.1 Adoption of Agenda

Grant Fritzke requested to add 'Library Support' as item 6.2 and Christine Dalton requested 7.1.5 and 7.1.6 (BIO 111 and 112) to be tabled until the next SFC meeting.

MOTION: That the Faculty Council approve the agenda with the addition of item 6.2 Library Support and tabling of items 7.1.5 and 7.1.6. until next SFC.

Grant F. / 2nd Jennifer B. All in favour. Carried.

3.2 Approval of the Minutes – April 28, 2017

MOTION: That Faculty Council approve the minutes of April 28, 2017 as presented.

Grant F. / 2nd Pedro M.P. All in favour. Carried.

4. DEAN'S REPORT – Lucy Lee

- Lucy informed council of the Faculty of Science activities since our last meeting. The Chemistry department hosted the Articulation Meeting on May 5th with 26 Chemistry heads from across the province attending. The Math Competition finals were also held on May 5th and had 100+ students in attendance from grades 8-12. Math Mania had several events over the year. The FoS hosted a Science communication Workshop held on May 11th.
- The University just hired a new Canada Research Chair, Cindy Jardine, she promotes Health Science Communications.
- The MIST program is in its final steps in getting the courses collected. Caroline M. will be assisting by assembling the course outlines for the next APPC.
- Allan A. is currently on the Biology field trip in Tofino. This was such a popular event that a second fieldtrip is being offered in July.
- Derek Harnett had his NSERC renewed. He was also featured in the President's Lecture Series held on May 23rd.
- Program reviewers will be here next week for the new BSc in Computing Science. The Physics review is this week.
- Lucy provided an update on her outside activities. She recently became the Interim President of the Canadian Council of Deans of Science and is currently organizing the meeting to be held in June. Her NSERC was renewed for another 5 years.
- Updates on the science enrollments were presented.
- LIYSF 2017 – Tessa Webb and Perrin Waldoock will be heading to London in July. The FoS was able to secure additional funding so both students could attend.
- The Dean's Medal recipient this year is Miranda Louwerse; and the Faculty of Science Governor General Silver Medal went to Chemistry student, Darryl Wilson.
- The new faculty member for Mathematics & Statistics is Dr. Longlong Huang. She will be starting August 1st. Biology has selected their candidate and the formal announcement will be made soon.
- Shaun Sun is hosting a visiting faculty member from China. Dr. King Lee will be here for a year.
- Lin Long and Tim Cooper are both in Singapore advertising UFV Physics.
- We have 8 LTAs total starting in the fall.

5. BUSINESS ARISING FROM MINUTES

The Nomination Notice for the Science Faculty Vice-Chair position was emailed out by Caroline M. Ben Vanderlei and Greg Schmaltz were both nominated for the position. As the votes were very close it was decided by Lucy to appoint them both for a 2-year term as Co-Vice Chairs for SFC.

6. DISCUSSION / DECISION

6.1 Research Advisory Council (RAC) is looking for 2 members from each faculty.

6.2 Library Advisory Committee – Grant Fritzke

Grant provided background: UFV does not have an institutional archive. Material that should be archived is spread across various campuses. The library would like to put forward a proposal to receive one time funding to establish an actual archive of historical documents and to hire a limited term archivist to head this up. The Library Committee would like to ask Faculty Councils for letters of support.

Discussion.

MOTION: That the Science Faculty Council supports the Library and the application for the one time funding for the archive as presented.

Grant F. / 2nd Noham W. / 1 Abstention; passed

7. FSCC (Curriculum Committee) –

7.1 SIGNIFICANT (for decision)

7.1.1 STAT 104 Introductory Statistics – 6 year review

Ian A. presented the 6 year review that was tabled from last meeting.

MOTION: That the Science Faculty Council approve the 6 year review course STAT 104 Introductory Statistics as presented.

Ian A. / 2nd David C. / All in favour; carried.

7.1.2 BIO 111 Introductory Biology I – Tabled until next SFC meeting

7.1.3 BIO 112 Introductory Biology II – Tabled until next SFC meeting

7.1.4 BIO 307 Anatomy and Diversity of Plants – Christine Dalton

Christine D. presented the 6-year review changes and then questioned “introductory” wording. Decision to table this item until next SFC meeting to get confirmation.

Jeff C. spoke to 7.1.5 – 7.1.10 as a group. All the courses were up for their 6-year reviews. Updated the descriptions, learning outcomes, updated textbooks. PHYS 393 had a title change to “Computational Physics”; and PHYS 457 is now “Introduction to Particle Physics”.

7.1.5 ENGR 113 Engineering Physics

7.1.6 PHYS 105 Heat, Waves & Optics

7.1.7 PHYS 393 Computer Algebra Physics I

7.1.8 PHYS 410 History of Physics

7.1.9 PHYS 457 Particle Physics

7.1.10 PHYS 484 Nonlinear Physics

OMNIBUS MOTION: That the Science Faculty Council approve the 6-year reviews: ENGR 113 Engineering Physics; PHYS 105 Heat, Waves & Optics; PHYS 393 Computer Algebra Physics I; PHYS 410 History of Physics; PHYS 457 Particle Physics; and PHYS 484 Nonlinear Physics as presented.

Jeff C. / 2nd Robin K. / All in favour; carried.

7.2 REPORTABLE (for information)

7.2.1 PHYS 252 Introduction to Twentieth Century Physics

7.2.2 PHYS 323 Special Relativity

Jeff C. advised PHYS 252 was replaced with PHYS 225. PHYS 352 overlaps PHYS 323 so both PHYS 252 and 323 will be discontinued from the calendar.

7.2.3 FSCC Terms of Reference

Lucy presented the addition of the Agriculture Rep to the Faculty of Science Curriculum Committee because of the addition of the BAS in Agriculture. Norm T. suggested that this decision should be voted on by the Faculty Council. Discussion regarding approval process.

MOTION: That the Science Faculty Council approve the addition of a representative from Agriculture to sit on the Faculty of Science Curriculum Committee within the Terms of Reference.

Jeff C. / 2nd Ian A. / All in favour; carried.

8. REPORTS

8.1 BSc Program Committee – Greg Schlitt

Greg S. advised that the committee will be bringing their Phase 1 Report to Faculty Council in September/October. The steering committee will be meeting again in June. Greg will be circulating a preliminary look at the report before the fall meeting. If there is feedback on the initial proposal, faculty are to talk to their representative from their department.

8.2 Advising Centre – Karen Cooper

- Karen advised SFC of the new registration order in the fall. Concerned with 2nd year engineering students. If anyone has feedback from their students, let Karen know.
- Declarations poster will be sent out to the department assistants. It is important for the students to declare because of the new degree audit.
- BSc graduates are down this year but increase in mechatronics student graduates.

Ian A. advised SFC that Arts now allows double majors. Discussion followed.

8.3 Senate – Norm Taylor

The May 2017 Senate report was previously circulated by email by Norm Taylor. The official minutes from Senate can be found at the Senate Office.

8.4 **MIST Grad Courses** – Noham Weinberg

At the October 2016 SFC meeting the graduate level course were approved and sent onto Grad Studies. Grad Studies did not accept them as the Learning Outcomes were worded similar to the undergraduate courses. Noham and Linus C. revised the wording. Any change to learning outcomes is a major change. Noham is requesting if the courses can go directly to council in September with the Learning Outcome wording updates. Discussion followed. Wording changes to be circulated to FSCC

9. **INFORMATION ITEMS**

9.1 BC K-12 Curriculum changes and impacts on UFV

9.2 Policy Consultation – Research Centres and Institutes: The Secretariat office invites the UFV community to provide feedback on the proposed revisions to the Research Centres and Institutes policy. The memo and the draft policy were emailed out earlier and are also available on the Secretariat website. Please submit feedback to Adrienne Chan (Adrienne.Chan@ufv.ca) by Noon on May 31, 2017.

9.3 Thank you to David Fenske for his work as Department Head in Chemistry. The new incoming head will be announced shortly.

10. **ADJOURN**

MOTION to Adjourn: Unanimous; Carried

Next Meeting: September 8, 2017 @ 1:00 pm – **Room A269**