

Faculty of Science

FACULTY COUNCIL

THURSDAY, SEPTEMBER 18TH, 2014

1:00 PM – S373

MINUTES

1. **Announcements:**

- **Welcome new faculty to Science at Kamloops Campus (new faculty orientation)**
- **Thank you to Don Noakes, Colin Taylor and Brian Heise** for their past work as Departmental Chairs – *although Colin has agreed to Co-Chair Physical Sciences until May (for Physics, Geology, Engineering, Astronomy)*
- **New Chairs:** Mohamed Tawhid (Math & Stats), TBA for Chemistry and John Karakatsoulis (NRS)
- **New M.Sc. Coordinator:** Wendy Gardner
- **New Science Seminar Organizer:** Dan Bissonnette – please send suggestions via email to Dan
- **Congratulations to Cindy Ross Friedman** – see more under Dean's Report
- Get involved with the “**Great Paper Cut**” challenge between our building and the A&E building starting October 1st. Susan Purdy will bring more information to Faculty Council in September (with suggestions for reducing paper usage) because we want to slay them!
- **APAR's** due September 30th (Collective Agreement pg 65)

2. **Adoption of Agenda/Minutes**

Sept 18th, 2014 – passed (Ron approved, Trent seconded); May 8th, 2014 – passed (Eric approved, Dan seconded)

3. **Old Items**

n/a

4. **New Items**

Notice of Motion – upcoming Moodle vote (Dennis, Ron)

Motion: By way of this email I am submitting the following list of faculty for approval by Science faculty council to serve on the Science promotion and tenure committees. I would like to nominate this entire slate of colleagues as our Promotion and Tenure Committee for the 2014/2015 academic year (Dennis Acreman, Chair of the Science DPTC):

- Scott Mann, Deb McWade, Sharon Brewer, Tom Dorval, Mairi Mackay, Mila Kwiatkowska, Bruce Crofoot, Adriana Stefan, Shane Rollans, Nancy Flood, Lyn Baldwin, Brian Heise, Faheem Ahmed, Joanne Rosvick, Dave Tomkins, Jon Van Hamme, Ann Cheeptham, Lauch Fraser, Mohamed Tawhid, Nancy Van Wagoner, Rick Brewster and Roger Yu

5. Reports

i) **Senate Report** – Dave Sheets & Cynthia Ross Friedman (**see attached**)

Other Senate Committees:

(a) **Budget Committee of Senate** – Normand Fortier & Dave Tomkins (no report)

(b) **Senate Educational Programs Committee** – Joanne Rosvick (**see attached and the Policy ED 16-0 attached**)

(c) **Senate Promotion Committee** – Norm Reed (no report)

NOTE: I received a note from the Senate Promotion and Tenure Committee indicating that my term is up. I am willing to continue, but an opportunity is thus made for anyone else who would like to serve on this university level committee for Science as I am willing to step aside, or, if no one else is interested, to continue for another term – Thank you, Norm

ii) **Committee Reports:**

(a) **MSc Coordinating Committee** – Wendy Gardner (no report)

(b) **Education Planning Committee** – Eric Littlely (no report)

(c) **Academic Standards Committee** – Troy Welch (no report)

(d) **OL Report** – Bryan Daly

NOTE: I am taking on the Acting Dean of Trades from Sept 17 to Dec 24 while the Dean of Trades is on a four month sabbatical to complete his PhD. Following this I will be away from Jan. until the end of March. During this period, Dave Sheets will be taking on my Open Learning Trades and Technology portfolio in addition to his current duties in Health Sciences. Mike Looney from Open Learning who currently oversees Arts in Open Learning, but previously oversaw the Sciences in Burnaby, will be taking on my Science Portfolio in Open Learning. I am confident you will find Mike extremely knowledgeable and helpful.

(e) **Recruitment and Retention Committee** – S. Purdy/M. Lemphers (no report)

(f) **Science Health and Safety Committee** – Janine Chan (no report)

(g) **Steering Committee** – Tom Dorval (**see attached document for the current**

Standing Committees membership) email changes to Tom Dorval and cc: Donna Dallas Martin

(h) **Awards Committee** – Nancy Flood (no report)

(i) **Research Committee** – James Gu & Surinder Dhanjal (no report)

iii) **Dean's Report** – Bean Counting, Problem Solving, Planning, and Rumours

Special Announcement:

It is my great pleasure to announce that our colleague, Dr. Cynthia Ross Friedman has been appointed as a member of The College of New Scholars, Artists and Scientists of the Royal Society of Canada. Cindy was elected to the Society last summer and her appointment recognizes the achievements she has had already in her academic career and the role she has played in the development and promotion of her discipline.

The full nomination package will be available as a matter of public record, and is too extensive to repeat here in its entirety, but I would like to point out a few key points.

This appointment recognizes Cindy's role as a scholar, first and foremost. Her teaching and research have received the highest praise from colleagues and students alike. In particular I would like to recognize the role Cindy has played in supervising undergraduate research, getting their findings published, and acknowledging the input of colleagues by including them as authors on research publications.

Cindy's record of successful grant applications has brought significant funding for her personal research, but has also helped improve the infrastructure and equipment available to all researchers at TRU. Cindy has established a record of giving back to her discipline in other ways as well. Over the last few years she has contributed by chairing grant review committees at the Natural Science and Engineering Council of Canada and by providing leadership to the Canadian Society of Botany, especially in the education field.

Please join me in acknowledging the honour that the Royal Society of Canada has bestowed upon our esteemed colleague. For more information, go to http://rsc-src.ca/en/friends-partners/newsroom/pressreleases?utm_source=2014+College+Member+Press+Release&utm_campaign=LAST+Reminder+NF+Ballots&utm_medium=email

Bean Counting:

The enrolment report that I received on Monday Sept 15th is attached.

It shows that the strong application numbers we had earlier in the summer translated into a moderate growth in several areas, but particularly in the Academic subjects. Numbers didn't seem to materialize the way they were anticipated in several other areas, including ARET and COMPUTING. However, overall we remain healthy.

The first quarter financials have projected a year-end shortfall. However, it was not based on the actual increased enrolments for this fall, so will be too conservative. My suspicion is we will break even.

Problem Solving

The most problematic thing that has come my way (and yours by the sounds of it) is the new way that waitlists are being managed by the registrar's office. The motivation to change the system is good—the old paper system was incredibly labor intensive and, as an instructor, I was never entirely sure whether I should be signing the 'Add' form or not. (That is probably more a measure with my impatience taking attendance than anything else, but I know I was not alone.)

The new system for enrolment and waitlist management removes instructors from the loop and along with it relieves them of the pressure of deciding whether Johnny get in and Suzie doesn't. When it is fully functional, it will be fairer for students and allow us to better use our resources. I have been

assured that there will be a ‘debrief’ and that our concerns will be listened to, as improvements are developed. I have asked Eric Littlely (among others) to patiently (as always) describe what the problems were and to help the registrar’s office find solutions

What this will do is force us to do is to examine what our course caps are and what effects they have on the programming we need to do.

Planning

For the next two months, Dennis and I will be heavily involved with developing the Faculty of Science budget for the next five years. I have a great deal of confidence that we will be ahead of the game if we do it right.

Our goal will to get rid of the habitual uncertainties we have come to live with: inadequate funds for equipment repair and replacement; insufficient resources to respond to enrolment changes with sessional hires; a lack of confidence that critical retirements don’t cripple the disciplines. We can’t do this if we insist on the status quo. The trick will be to look for smart change.

Rumour Check

Yes, I’m certifiably crazy! I agreed to let my performance over the last 4 1/2 years be reviewed by the Provost’s office so that I would be eligible for a second five-year term.

REPORTS

Senators’ Report from August 26, 2014 Special “Summer Executive” Senate Meeting

By: Cynthia Ross Friedman (David Sheets not on Summer Executive)

Items of significance for Science Faculty:

1) **Changes to the Board, Senate& Planning Council for Open Learning Election Procedures.**

Changes were made to these procedures in order to enable students beginning their classes in September (especially new students) to be nominated and elected in time to attend September Board, Senate, and Planning Council Open Learning meetings. However, the changes approved by Senate are global changes that affect faculty and staff as well, specifically:

- a) The nomination period, which has been changed from a minimum of three weeks to a minimum of one week; and
- b) The voting period (time between the opening and closing of voting), which has been changed from a minimum of two weeks to a minimum of three days.

Again, though, these periods are minima, and may be longer (and probably should be longer to ensure proper announcements and opportunities for faculty and staff).

Next Meeting of Senate:

Senate normally meets on the 4th business Monday of each month, and the first fall meeting of Senate is Monday September 22, with the Agenda being released “at least seven (7) calendar days prior to a regular Senate meeting”. The Agenda for the September 22 Senate meeting was released on Friday September 12, and has been attached to this report.

Senate Educational Programs Committee September 3 2014 Meeting: Report to Faculty Council
(by: Joanne Rosvick)

The following Faculty of Science items were approved:

1. ARET and DAAD Course Deletions:
 - CTEC 2100 Intermediate/Advanced Microprocessing
 - CTEC 2110 Advanced Test Equipment
 - CTEC 2120 Personal Computer Hardware
 - CTEC 2130 Intermediate DOS
 - CTEC 2140 Personal Computer Peripherals
 - CTEC 2150 Basic Computing
 - CTEC 2160 Personal Computer Systems
 - CTEC 2200 Intermediate Computing
 - CTEC 2210 Basic Input/Output
 - CTEC 2220 Advanced Input/Output
 - CTEC 2230 Advanced Computing
 - CTEC 2240 Principles Data Communications
 - CTEC 2260 Research Project
 - DAAD 2990 DAAD Internship
 - CTEC 2220 Advanced Input/Output
 - ELEC 1100 Basic Electricity and DC Circuits
 - ELEC 1110 AC Circuits
 - ELEC 1120 Basic Semiconductor Circuits
 - ELEC 1130 Introduction to Computing
 - ELEC 1200 Discrete Analog Circuits
 - ELEC 1210 Linear Circuits
 - ELEC 1220 Digital Logic
 - ELEC 1230 Digital Circuits
 - ELEC 1240 Microprocessor Circuits
 - ELEC 1250 Programming Microprocessors
 - TCOM 2100 Basic Radio
 - TCOM 2110 Transmission Lines/Antennas
 - TCOM 2140 Advanced Radio
 - TCOM 2150 Telephone Systems
 - TCOM 2220 Telephone Switching Systems
 - TCOM 2230 Video Systems
 - TCOM 2240 Microwave Radio
 - TCOM 2250 Satellite Systems
 - courses no longer offered since programs are defunct
2. Physical Sciences Program Modification – Engineering Transfer Program and four new courses:
 - EPHY 2200 Electrical Properties of Materials
 - EPHY 2950 Engineering Fundamentals
 - EPHY 2990 Introduction to ECE Design
 - EPHY 3600 Continuous Time Signals and Systems
 - program modification to allow expansion into 2nd year electrical, new courses required to fulfill transfer requirements to UVic
3. Computing Science Program Modification – Certificate in Information Technology (OL):
 - change wording of proposal, change course requirements to reflect current course availability
4. Physical Sciences – new Geology courses:

- GEOL 2060 Introduction to Mineral Deposit, Minerals
- GEOL 2070 Geologic Hazards and Forensic Geology
- GEOL 3100 Optical Mineralogy
- courses have been offered successfully with one-time approval; permanent approval will increase geology offerings at TRU and meet demand

5. Natural Resource Sciences – new course:

- NRSC 1500 Introduction to Climate Change Science
- course will address a need for understanding current issues with climate change and increase the number of science-based electives available to students

Discussion ensued regarding policy ED 16-0

- There are concerns
- Townhall meeting on Wed., Sept 24th (AE 262 at 4 pm)
- Eric to formulate a response from Faculty of Science Faculty Council

NORM Reed

- discussed a leadership course he had taken – if you are interested in taking the course please contact him (you could possibly use your PD funds if Tom approves)