

SCIENCE FACULTY COUNCIL

Minutes

Friday, March 3, 2017 - 1:00 pm – Room B161

CHAIR: Lucy Lee

PRESENT:

Ian Affleck	David Fenske	Anna Kuczynska	Shaun Sun
Avril Alfred	Grant Fritzke	Stan Manu	Norm Taylor
Allan Arndt	Golfam Ghafourifar	Pedro Montoya-Pelaez	Perrin Waldock
James Bedard	Wendy Gracey	Alan Reid	Jane Webb
Nathan Bialas	David Harper	Rebecca Robertson	
Jeff Chizma	Carmen Herman	Greg Schlitt	

REGRETS: Jennifer Barrett, David Chu, Karen Cooper, Robin Kleiv, Karin Loots, Renee Prasad, Awneet Sivia, Erik Talvila, Ben Vanderlei

RECORDER: Caroline Majeau

1. **INTRODUCTIONS**

2. **SCHOLARLY PRESENTATION**

Lucy suggested inviting UFV Alumni as another idea for this portion of our agenda.

3. **AGENDA and MINUTES**

3.1 Adoption of Agenda

Request to add 'Fire Drill Test' item to 6.0 Discussion – Grant F.

MOTION: That the Faculty Council approve the agenda with the noted addition.

Grant F. / 2ND Nathan B. All in favour. Carried.

3.2 Approval of the Minutes – **February 3, 2017**

MOTION: That Faculty Council approve the minutes of February 3, 2017 as presented.

Alan R. / 2nd Allan A. All in favour. Carried.

4. **DEAN'S REPORT** – Lucy Lee [[PowerPoint Slides](#)]

- Lucy advised with her beginning her academic leave, the new Acting Dean of Science/Chair of SFC will begin the process of building a more defined vision for the Faculty of Science.
- Jackie Hogan, Chief Financial Officer, has been announced as the interim UFV President.
- Congratulations to Dr. Shaun Sun for winning one of the inaugural Fund for Innovation in Teaching (FIT).
- Lin Long received a NSERC CRD – her industrial partner has signed with the University.

- We received 7 very strong applicants for the London International Youth Science Forum. Three have been shortlisted. We will be scheduling the presentations shortly and everyone is welcome to attend.
- The Fraser Valley Regional Science Fair is April 4-7, 2017. The Committee is still looking for judges, volunteers and donors. Cory B. sent out an email to faculty requesting faculty judges and volunteers.
- The Faculty Micro Lectures were held on February 21, 2017. Thank you to Robin Kleiv and Erik Talvila for presenting. Lucy encouraged faculty to participate in the next publication celebration. The Student Micro Lectures are scheduled for March 29, 2017 – deadline to register is Friday, March 10, 2017.
- The Service Excellence Award Nominations are due today, March 3, 2017. The 3 categories are Staff Excellence, Inspirational Leadership, and Teamwork.
- Rick Hansen Secondary School is a designated school for science and business. UFV has been in talks with them. They want their students to enroll in at least 2 dual credit courses and take their science classes here. If anyone has questions or interested, please contact Lucy.
- **Outreach Activities:** Math Challengers was hosted by the Math Department - 100+ students from grades 8-9 attended. Eugene Reimer Middle School visited the Faculty of Science on February 15th. Thank you to all who volunteered to make this event a success.
- **IT updates:** Darren Lee is the new Director of IT. IT is working on the wireless expansion to double its capacity. The fibre optic cable is being replaced in Buildings A and B. Pedagogy investment is being used to upgrade 30 e-rooms. UFV's hardware vendor is switching from HP to Dell. Lucy advised that Blackboard Learn will now be managed by the Vendor. Migration will happen over a 3 day period between April-May.
- **Dean's Office Update:** Wendy has taken a 1-year secondment in Human Resources. Janice Nagtegaal will be the interim Dean's Assistant and will start on March 8th. The deadline for applications for the interim FoS Dean is March 10th. Lucy's Administrative/Sabbatical leave is Sept 2017–Aug 2018. She will focus on indigenization and internationalization activities.

ACTION: Lucy will bring back information on the numbers of indigenous students in our Faculty to compare against the national and provincial levels.

- Lucy provided an update on the budget and enrollment. She strongly encouraged faculty to attend the information sessions scheduled for next week. Current recruitment and internationalization opportunities were discussed.
 - She advised the FoS still has one funded co-op student position available. Interested departments need to write a description of the position and give to Lucy before the end of March
 - Lucy provided an update on the upcoming renovations.
5. The FoS has 6 LTA positions coming up for next year - 2 Math & Stats / 2 Physics & Engineering / 1 Biology / 1 Chemistry. Lucy has requested an extra one if needed.
 6. **BUSINESS ARISING FROM MINUTES – N/A**

7. DISCUSSION / DECISION

- Fire Drill Test - Grant F. raised concern over the upcoming fire drill test. The students have already missed a lot of classes and labs due to weather. Lucy advised Grant to resend the email emphasizing the urgency to reschedule the date and copy Lucy, BCSA and the PSA.

8. FSCC (Curriculum Committee) – Allan Arndt

8.1 SIGNIFICANT (for decision)

- 8.1.1 Revision of ASTR 104 The Cosmos - Jeff C. spoke to the revisions. Discussion.

MOTION: That the Faculty Council approve the 6 year review updates for ASTR 104 The Cosmos as presented.

Norm T. / 2ND Jeff C. All in favour. Carried.

- 8.1.2 Revision of ENGR 390 to ENPH 390 Mechatronics – Jeff C. provided the rationale for the update. Discussion.

MOTION: That the Faculty Council approve the change from ENGR 390 to ENPH 390 as presented.

Norm T. / 2ND Perrin W. All in favour. Carried.

- 8.1.3 Proposal for new Course PHYS 308 Special Topics in Physics – Jeff C. provided the rationale for the new course. Discussion.

MOTION: That the Faculty Council approve the proposal for the new course PHYS 308 Special Topics in Physics as presented.

Jeff C. / 2ND Norm T. All in favour. Carried.

- 8.1.4 Program Change – Physics Major

- 8.1.5 Program Change – Physics Minor

In addition to the new diploma program, Jeff C. spoke to the rationale for the changes to both the Physics Major and Minor program. Discussion.

OMNIBUS MOTION: That the Faculty Council approve both program changes to the Physics Major and Physics Minor as presented.

Carmen H. / 2ND Jeff C. All in favour. Carried.

- 8.1.6 Proposal for new Course BIO 101 Introduction to Human Biology

Allan A. spoke to the new course. It's a replacement for BIO 093 given up by UEP and will be articulated as a grade 12 equivalent with an online lab component. It is supported by the Nursing program for entrance into their program. Discussion. Allan A. to make sure Nursing is informed as well as CAUP.

MOTION: That the Faculty Council approve the proposal for the new course BIO 101 Introduction to Human Biology as presented.

Alan R. / 2ND Allan A.; 1-against / 4-abstentions; passed.

- 8.1.7 Revision of BIO 105 Human Biology
- 8.1.8 Revision of BIO 385 Neurobiology
- 8.1.9 Revision of BIO 390 Animal Behaviour
- 8.1.10 Revision of BIO 407 Applied Biotechnology
- 8.1.11 Revision of BIO 497 Topical Biology Seminar
- 8.1.12 Revision of BIO 499 Honours Biology Research Thesis

Allan presented the Biology course 6 year reviews. Discussion.

OMNIBUS MOTION: That the Faculty Council approve the 6 year review revisions for BIO 105 Human Biology, BIO 385 Neurobiology, BIO 390 Animal Behaviour, BIO 407 Applied Biotechnology, BIO 497 Topical Biology Seminar and BIO 499 Honours Biology Research Thesis as presented.

Allan A. / 2ND Norm T. All in favour. Carried.

8.2 REPORTABLE (for information) – N/A

9. REPORTS

8.1 BSc Program Committee – Greg Schlitt

The committee is still progressing.

8.2 Advising Centre – Nothing to report

8.3 Senate – Norm Taylor

The February 2017 Senate report was previously circulated by email by Norm Taylor.

8.4 Faculty of Professional Studies – Lucy Lee for Awneet Sivia

The Master of Education in Educational Leadership and Mentorship degree proposal was approved by Faculty Council (FC). It is on the GSC agenda for March. The ToR were approved to include two Co-Chairs for FC and were officially elected. The formation of a Professional Study Curriculum Committee was proposed and will be discussed at the next FC.

10. INFORMATION ITEMS

9.1 Program changes associated with revisions to CMNS 125 and discontinuance of CMNS 155

9.2 Senate approved the revisions to the Final Grade Appeals (217) Policy and revisions to the Student Academic Misconduct (70) policy. The policies are available on the Secretariat Policy website: <http://www.ufv.ca/secretariat/policies/>

11. ADJOURN

MOTION to Adjourn: Stan M. / 2nd Nathan B. Unanimous; Carried

Next Meeting: March 31, 2017 @ 1:00 pm – **Room B161**

Faculty of Science
Council Report Mar 3/17



Forward with Innovation & Discovery

March 3, 2017




FoS happenings:

- Dr. Shaun Sun received one of several inaugural **Fund for Innovative Teaching (FIT)**
- LIYSF selection: 7 applicants, 3 short listed
 - Presentations scheduled for end of month
- Fraser Valley Regional Science fair, hosted and coordinated by UFV Science. April 4-7.
 - Volunteers and judges needed.
- See our News & Events for continuous updates
<http://blogs.ufv.ca/science/>
 • also Facebook:
<https://www.facebook.com/UFVscience/>





Publications Celebration/Microlectures

- Held Feb 21
 - Drs. Robin Kleiv and Erik Talvila participated in the microlectures and only 10% of science faculty participated in the publications celebration.




Student microlectures/Posters

- This will be March 29. Deadline for registration is March 10.
- 2 min Microlectures will be at 11:30 am while posters will be from 10 am to 3:00 pm at SUS

UFV Service Excellence Awards

- Nomination deadline today March 3.
- Three categories:
 - **Staff Excellence Award**
 - **Inspirational Leadership Award**
 - **Teamwork Award**
- Last year, **GreenUFV Team** (now **Sustainable UFV**) won the Teamwork Award!




Collaborating w RHSS

Mar 2/17

- **School of Science & School of Business**
- **2 dual credit courses needed**



School of Science		School of Business	
Course	Credits	Course	Credits
Science 101	3	Business 101	3
Science 102	3	Business 102	3
Science 103	3	Business 103	3
Science 104	3	Business 104	3
Science 105	3	Business 105	3
Science 106	3	Business 106	3
Science 107	3	Business 107	3
Science 108	3	Business 108	3
Science 109	3	Business 109	3
Science 110	3	Business 110	3
Science 111	3	Business 111	3
Science 112	3	Business 112	3
Science 113	3	Business 113	3
Science 114	3	Business 114	3
Science 115	3	Business 115	3
Science 116	3	Business 116	3
Science 117	3	Business 117	3
Science 118	3	Business 118	3
Science 119	3	Business 119	3
Science 120	3	Business 120	3

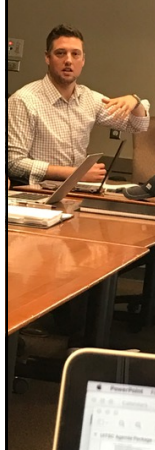
Outreach activities

- Math Challengers, hosted by Math dept was held Feb 16 2017. 100+ grade 8-9 students participated.
- FoS hosted Eugene Reimer Middle School visit Feb 15



IT updates


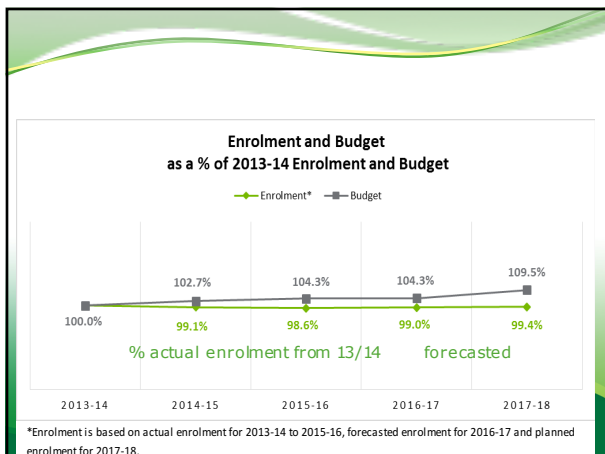
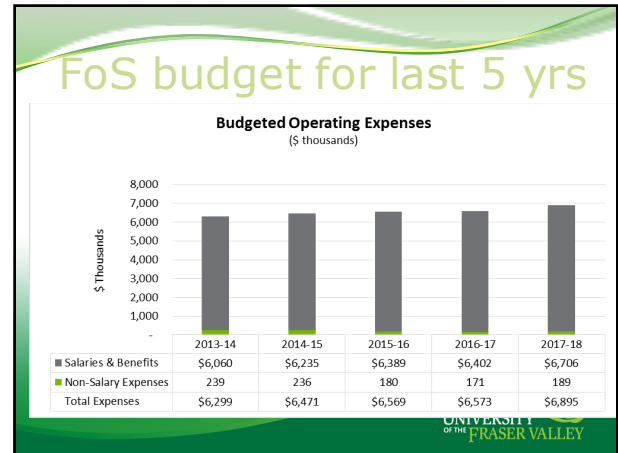
- Wireless expansion – doubling capacity
- Fibreoptic cable replacement in A and B
- Pedagogy investment used to upgrade 30 e-rooms
- Switching hardware vendor from HP to Dell, new refresh will bring Dell computers
- **NOTE: Blackboard Learn will be managed by vendor. Migration will happen in 3d at end of exam period and before start of next term (Apr-May)**



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Changes in Dean's office

- Janice Nagtegaal – interim assistant will start March 8 & overlap w Wendy 3 d
- Call for interim dean deadline March 10
- Lucy away March 13 to 28 (vacation)
- Mid May for Can Soc of Zool mtg
- Mid June for In Vitro mtg and Can Deans of Science mtg.
- Aug vacation
- Sept- Aug 2018 admin/sabbat leave

Data from Finance

Department	2015-16 (to 201601)				2016-17 (to 201701)				Enrolments Comparison			
	Domestic	Int'l	Total	Max	Domestic	Int'l	Total	Max	Domestic	Int'l	Total	Max
Biology	1,878	80	1,958	2,038	1,833	128	1,961	1,971	(45)	48	3	(67)
Chemistry	1,112	76	1,188	1,333	940	78	1,018	1,202	(172)	2	(170)	(131)
Math	2,660	496	3,156	3,736	2,605	546	3,151	3,732	(55)	50	(5)	(4)
Physics	856	176	1,032	1,253	813	117	930	1,199	(43)	(59)	(102)	(54)
Total	6,506	828	7,334	8,360	6,191	869	7,060	8,104	(315)	41	(274)	(256)

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