

## SCIENCE FACULTY COUNCIL

### APPROVED Minutes

Friday, September 9, 2016 - 1:00 pm – Room D134

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**CHAIR:** Lucy Lee

**PRESENT:**

Avril Alfred	Tim Cooper	Carmen Herman	P. Montoya-Pelaez	Jane Webb
Carolyn Atkins	Robin Endelman	David Johnston	Kathy Peet	Noham Weinberg
James Bedard	David Fenske	Robin Kleiv	Alan Reid	
Cory Beshara	Ali Fotouhi	Jeff Krahn	Greg Schlitt	
Nathan Bialas	Grant Fritzke	Hongfei Li	Shaun Sun	
Jeff Chizma	Golfam Ghafourifar	Karen Loots	Norm Taylor	
David Chu	Wendy Gracey	Cynthia Loten	Jason Thomas	
Karen Cooper	David Harper	Stan Manu	Ben Vanderlei	

**REGRETS:** Allan Arndt, Jennifer Barrett, Darlene Carson, Derek Harnett, Pat Harrison, Gillian Mimmack, Renee Prasad, Awneet Sivia,

**RECORDER:** Caroline Majeau

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1. **GUESTS and INTRODUCTIONS**

David Johnston, the new Registrar and Hongei Li, Library Representative, were introduced. FSC welcomed our newest Science faculty members who started August 1, 2016: Golfam Ghafourifar, Chemistry Assistant Professor; Nathan Bialas, Biology Assistant Professor; Linus Chiang, Chemistry Assistant Professor; Kseniya Garaschuk, Math Assistant Professor.

The Faculty of Science's LTAs for the 2016/2017 academic year are Jeff Krahn (Physics), Robin Kleiv (Physics), Pedro Montoya-Pelaez (Chemistry), Karin Loots (Math), Jennifer Barrett (Biology), Justin Lee (Biology), and Ken Li (Math).

2. **AGENDA and MINUTES**

2.1 Adoption of Agenda

Noham Weinberg requested **TO ADD:** Master of Science in Integrated Science and Technology (MIST) to the agenda to provide the status

**MOTION:** That the Faculty Council approve the agenda with the inclusion of Report 7.4 'Master of Science in Integrated Science and Technology (MIST) Update'.

*Carmen H. / 2<sup>ND</sup> Jane W. All in favour. Carried.*

2.2 Approval of the Minutes – May 27, 2016

**MOTION:** That Faculty Council approve the minutes of May 27, 2016 as presented.

*Jeff C. / 2<sup>nd</sup> Robin E. All in favour. Carried.*

3. **DEAN'S REPORT** – Lucy Lee

- CIS labs have been completely renovated. Two labs were converted into 3. The grand opening will be held September 13, 2016 at 1:00 pm. The Minister of Advance Education will be making

announcements including some new funding that is going to post-secondary institutions. Some of our students will be doing demonstrations.

- The Biology labs were to be renovated over the summer unfortunately it didn't happen. UFV applied to the Federal Government for 2 million dollars for infrastructure. The federal funding was passed onto provincial funding and we received two million dollars to upgrade our science labs. Some of the upgrades will include lockers outside Biology and key card access. The renovations should be starting in December. We will need to think where we can hold our temporary labs while the rooms are being worked on. A coordinator will also be hired out of the \$2 million.
- Lin Long was successful in a NSERC Strategic Grant with a local company, Honey Bee Farms. She will receive \$100,000 each year for two years.
- Four of our Biology students are off to Medical School. We wish them well.
- Andrew Alexander who graduated with his BSc in 2014 from UFV and was the Dean's Medal Recipient is now in the PhD program at UBC. He received the NSERC Vanier Award. His award is \$50,000/year over 3 years.
- UFV has had a record number of 1,000 international students enrolled. Science has 412 of them attending our classes.
- Lucy reported the recent changes at the Administration level. She advised council that during the public portion of the Board of Governor's meetings is the best place to find up to date information at UFV. Of course, UFV's webpages contain a lot of updated material as well. Lucy does keep the Department Heads informed on key items.
- **EDUCATION PLAN** – Prioritizing learning everywhere – the FoS is increasing outreach events such as Math Mania, Science Rocks, Super Science and LIYSF. How can we measure this in 5 years' time? Everything you do, inform your department head so they can share it with Lucy and she can add it to the President's Report. Lucy spoke about our Science Blog and how we can keep up to date with what we are doing as faculty, students, etc. She encouraged the faculty to read over the 5 goals: Commit to Flexibility and Responsiveness, Collaborate Across Boundaries, Develop Local and Global Citizenship, and Integrate Experiential Learning. Referencing Global Citizenship: Indigenous outreach example: Alan Reid is identifying and labelling all the trees on campus and putting the common names plus how they are known in the Stó:lo language. Nathan Bialas is planning to contact the Osoyoos Band to do some scholarly work. He will be working with volunteers to look for bacteria in the hot water springs.
- As Derek Harnett was unable to attend convocation, Adrienne Chan from Research, Engagement & Grad Studies and Lucy are arranging a small celebration to celebrate Derek's research award. The event is being held on Tuesday, September 27<sup>th</sup> from 1:30 – 2:30 in F125 (University House). There will be cake and coffee served. A formal invitation will be emailed shortly.
- Teaching and Learning are upgrading computers and projectors. They have a new E-Room in A223 which has a computer with a touch screen. They would like some feedback on it so please go test it out.

#### 4. BUSINESS ARISING FROM MINUTES

- 4.1 Greg Schlitt's 2 year term as Vice Chair of the Science Faculty Council has come to an end. The Nomination Committee will be sending out a nomination email shortly. Other Science Reps are required for various UFV Committees. Caroline will email meeting dates of the Committees requiring representation.
- 4.2 Call is out for Student Representatives for our Faculty Council.

#### 5. DISCUSSION / DECISION

6. **FSCC (Curriculum Committee)** –Lucy Lee for Allan Arndt

6.1 **SIGNIFICANT** (for decision)

6.1.1 **BIO 448 Immunology**

This course was previously offered as a special topics and continues to have a wait list. James Bedard provided a brief overview of the course outline.

**MOTION:** That the Faculty of Science Council approve the new BIO 448 Immunology course.  
Noham W. / 2<sup>nd</sup> Cindy L. / all in favour; unanimous; carried

6.1.2 **Physics Major Program Change**

Due to the removal of the COMP requirement from the BSc, we have added in this requirement to our Major to ensure that our students have at least one course exposing them to computer programming. We have therefore explicitly stated that Physics Major students are required to take a minimum of 3 credits in one of: COMP 120, COMP 150, or COMP 152.

**MOTION:** That the Faculty of Science Council approve the Physic Major program change.  
Jeff C. / 2<sup>nd</sup> Tim C. / all in favour; unanimous; carried

6.1.3 **PHYS 375 Radiation Protection and Radiobiology**

This course is intended to be the second in a series of courses on Medical Physics put on in conjunction with the BC Cancer Agency in Abbotsford. We currently have PHYS 275 (Survey of Medical Physics), and students have been asking for another Medical Physics course at the third year level. Self-directed studies so limited to 6 students.

**MOTION:** That the Faculty of Science Council approve the new PHYS 375 Radiation Protection and Radiobiology course.  
Jeff C. / 2<sup>nd</sup> Tim C. / all in favour; unanimous; carried

6.2 **REPORTABLE** (for information) – N/A

7. **REPORTS**

7.1 **BSc Program Committee** – Greg Schlitt

The committee is still working on the BSc Requirements and Outcomes. They hope to have something to bring to Faculty Council in November.

7.2 **Advising Centre** – Karen Cooper

7.2.1 Stan Manu is the new Science Faculty Advisor. Thank you to Cory B. whose term finished the end of June 2016.

7.2.2 This year's **Science Social** is set for September 29, 2016 from 5:00 – 6:30 pm at the SUB Great Hall. Invitations will be sent out shortly. Stop by for free pizza and chat with students, staff and faculty. The committee is looking for volunteers.

7.2.3 BAS – Bachelor of Agricultural Science  
Karen advised the program has been approved and will start Winter 2017. She indicated that they were still waiting for the application to be activated.

7.3 **Senate** – Tim Cooper

The Minor in Applied Statistics was approved. The establishment of the new Senate Committee on Teaching and Learning was approved. Faculty of Standards for Math and Stats was approved by the Senate Faculty Standards Committee. Quality Principles were accepted. APPC has changed their mandate and no longer contains curriculum changes. Strategic Research Plan 2016-2020 was approved.

7.4 **MIST** (Master of Science in Integrated Science and Technology) – Noham Weinberg

Noham updated the council on the status of the MIST program. It is going to APPC this month. It's the final step before Senate. Once approved at Senate it will be then be off to the Ministry where it could potentially sit for months awaiting final approval.

8. **INFORMATION ITEMS**

8.1 Revision of External Program Advisory Committee (60) policy and Instructional Responsibilities (46) policy

8.2 Library Advisory Committee Designate 2016-2017 – Carmen Herman will be the Faculty of Science Representative

9. **ADJOURN**

Next Meeting: October 7, 2016 @ 1:00 pm – Room D134

MOTION to Adjourn: unanimous; carried