



VANCOUVER SENATE

MINUTES OF 20 APRIL 2016

Attendance

Present: Dr M. Piper (Chair), Dr K. Ross (Secretary), Dr P. Adebar, Dr R. Anstee, Dean G. Averill, Dr K. Baimbridge, Mr M. Bancroft, Ms L. Castro, Dr A. Collier, Dean C. Dauvergne, Dr A. Dulay, Mr N. Dawson, Dr Wm. Dunford, Mr B. Fischer, Dean B. Frank, Dr J. Gilbert, Dr C. Godwin, Dr P. Harrison, Dean R. Helsley, Dr A. Ivanov, Mrs C. Jaeger, Ms T. Johnson, Dr P. Keown, Mr D. Lam, Mr H. Leong, Dr P. Loewen, Dr D. MacDonald, Prof B. MacDougall, Mr K. Madill, Dr C. Marshall, Dr P. Marshall, Dr Wm. McKee, Mr Wm. McNulty, Dr P. Meehan, Dr C. Naus, Dr I. Parent, Dean M. Parlange, Dean S. Peacock, Dr N. Perry, Dr A. Redish, Dr L. Rucker, Dr C. Ruitenberg, Mr I. Sapollnik, Dr B. Sawatzky, Dean S. Shuler, Mr J. Speidel, Dr R. Tees, Dr S. Thorne, Dr L. Walker, Ms K. Williams, Dr D. Witt,

Regrets: Mr T. Ahmed, Dr S. Avramidis, Ms E. Biddlecombe, Dr L. Burr, Dean M. Coughtrie, Dr S. Forwell, Dr D. Gillen, Prof. B. Goold, Chancellor L. Gordon, Dr F. Granot, Mr S. Haffey, Ms M. Huron, Dean J. Innes, Dean D. Kelleher, Dr S. Knight, Ms H. Kwan, Dr B. Lalli, Ms A. Maleki, Dr C. Nislow, Dr G. Peterson, Dr J. Plessis, Dean S. Porter, Dr A. Richardson, Dr A. Riseman, Dr T. Schneider, Ms S. So, Dr R. Sparks, Ms S. Sterling, Dr R. Topping, Ms D. Tse, Dr R. Wilson, Dean R. Yada

Guests: Mr A. Bailey (Former Senator), Ms A. Birthistle (Animal Defence and Anti-Vivisection Society of BC), Dr H. Burt (Associate Vice-President Research), Dr J. Hepburn (Vice-President Research & International), Dr K. Lo (Commerce & Business Administration), Ms L. Shaw (Animal Defence and Anti-Vivisection Society of BC), Mr A. Simpson (Vice-President Finance), Dr I. Welch (University Veterinarian)

Recording Secretary: Mr C. Eaton.

Call to Order

The Chair of Senate, Dr Martha Piper, called the eighth regular meeting of the Vancouver Senate for the 2015/2016 academic year to order at 6:04 pm.

Senate Membership

The Registrar announced that the following new senators had been elected to Senate:

- Dr Alan Richardson, Representative of the Joint Faculties, to replace Dr Peter Choi (resigned)
- Ms Lina Castro, Representative of the Students At-Large
- Mr Nick Dawson, Representative of the Students At-Large
- Mr Daniel Lam, Representative of the Students At-Large
- Ms Samantha So, Representative of the Students At-Large
- Ms Kaidie Williams, Representative of the Students At-Large

- Mr Mark Bancroft, Student Representative for the Faculty of Applied Science
- Mr Ian Sapollnik, Student Representative for the Faculty for Arts
- Ms Daphne Tse, Student Representative for the Faculty of Commerce & Business Administration
- Ms Danika Colbourn, Student Representative for the Faculty of Forestry
- Ms Miranda Huron, Student Representative for the Faculty of Graduate and Postdoctoral Studies
- Mr Jason Speidel, Student Representative for the Faculty of Graduate and Postdoctoral Studies
- Ms Ava Maleki, Student Representative for the Faculty of Land and Food Systems
- Mr Ben Fischer, Student Representative for the Faculty of Law
- Ms Taneille Johnson, Student Representative of the Faculty of Medicine
- Ms Melina Huang, Student Representative for the Faculty of Pharmaceutical Sciences
- Ms Ho Yi Kwan, Student Representative for the Faculty of Science

NB: The Education Student Senator Position transitions in October of each year, and the Registrar has yet to be informed by the Dentistry, Forestry, and Pharmaceutical Sciences undergraduate societies of their election results.

Minutes of the Previous Meeting

Richard Tees
Sally Thorne

}

That the Minutes of the Meeting of 16 March 2016 be adopted as corrected:

Corrections:

Several questions and comments from Former Senator Abaki and from Senators Adebar, Anstee and Singh regarding the Presidential Search were added to the formal meetings of the meeting as follows under the Chancellor's remarks:

Senator Anstee advised that he hadn't heard any reaction from the administration regarding the Faculty Association poll on confidence with the search and the Board, and suggested that would be awkward for any incoming President as he or she may arrive and not have the implicit or explicit confidence of the Faculty.

The Chancellor commented that the new Chair of the Board, Stuart Belkin has invited a variety of groups, including the Faculty Association to the Board meeting and they have confirmed their

attendance. That meeting will be the start of a conversation with faculty, students, alumni and staff. The expectation is that this process start on April 14th. With regards to the next president, true leaders want a challenge. The Chancellor said he himself was nervous until he saw the pool of interested candidates. Those people read the same media we do and are aware of the circumstances.

Senator Singh advised that the whole issue with governance isn't a public ranking or reputation issue, but there is no timeline or plan as to deal with the base structural problems. These issues both come back internally and externally.

The Chancellor replied that it was not a question of waiting for the next president, on April 14th we have invited constituency groups to start a process. He opined that the governance of structure of UBC was not broken but it does have challenges – the process followed last year was not perfect and it can and must be improved.

Senator Adebar opined said that every faculty member he had spoken with had confidence in the search process.

Senator Abaki suggested that questions will continue to linger so long as people have incomplete information and from a legal perspective with that incomplete information it seems improper. He advised that a contract could always be changed with consent of the parties and asked if the nature of the contract was that it could not be renegotiated.

The Chancellor advised that Dr Gupta did not consent to waive the confidentiality clause. He concluded by noting that there will always be debates around the appropriate balance between transparency and privacy.

Approved as
corrected

Remarks from the Chair

The President advised that approximately 42 new blue light phones have been installed at UBC for safety and security reasons. Those phones do have cameras and those cameras are only active if the phone is used. There are also three cameras that will be at the bus loop and will be recording on an ongoing basis.

Dr Piper noted the dedication earlier this month of a Musqueam Post on University Boulevard just above East Mall. Carved by Brent Sparrow Jr., the post acknowledged the deep and developing relationship between UBC and the Musqueam people.

The President congratulated the Faculty of Education for being ranked number 1 in North America and number 9 in the world in recent QS rankings.

Finally, Dr Piper reminded Senate of the opening of the clean energy centre, which is essentially 3 large boilers that will allow the campus to convert to a hot water heating system from a steam system. She suggested that this project will save UBC millions of dollars and help make our campus a greener space.

Academic Policy Committee

The Chair of the Senate Academic Policy Committee, Dr Paul Harrison, presented.

BACHELOR OF APPLIED SCIENCE ACADEMIC REGULATIONS

Paul Harrison	}	<i>That the amendments to the academic regulations for the Bachelor of Applied Science on academic standing, promotion requirements, and supplemental examinations be approved.</i>
Lance Rucker		

Approved

MASTER OF DATA SCIENCE ACADEMIC REGULATIONS

Paul Harrison	}	<i>That the amendments to the academic regulations for the Master of Data Science be approved.</i>
Carol Jaeger		

Approved

FACULTY OF LAW / PETER A. ALLARD SCHOOL OF LAW DEGREE PARCHMENTS

Note from the secretary: By resolution of the Senate on 15 February 2017, this resolution was rescinded in consideration of the renaming of the Faculty of Law as the Peter A. Allard School of Law effective 2 December 2014.

Use of Animals in Research at UBC

Animal Defence and Anti-Vivisection Society of BC (ADAV)

Ms Lauri-Leah Shaw, president of ADAV presented to Senate. She noted that the ADAV Society was formed in 1927. The Society strives to alert the public. The ADAV society presented a petition to UBC in 2014 with over 21000 signatures calling for an end to Categories D and E animal research, and for UBC to become a leader in reallocated energies from animal research to more innovate health research and education. She noted that Dr Jane Goodall, a renowned primatologist, had described animal experimentation as a “betrayal of the scientific method” that UBC alumnus and professor emeritus, Dr David Suzuki, had been vilified by researchers for his documentary on animal experimentation, and that Mohandas Gandhi viewed vivisection has a crime. She encouraged UBC to adopt what she described as “21st century evidence-based medicine” versus 19th century animal experimentation.

Ms Shaw noted that UBC was evolving. In 2010 UBC, at AVAD’s urging, UBC started to release statistics on animal experimentation. From those statistics, she noted that 182000 animals were used last year with some fluctuations each year and uncertainty if that was indicative of UBC re-using animals where possible. Ms Shaw noted that UBC’s facilities are examined every 3 years on 30 days’ notice and that the Canadian Council on Animal Care (CCAC) had concerns regarding a lack of clear endpoints for projects. Ms Shaw further added her own concerns included UBC not investing enough effort before seeking an animal use protocol, and UBC’s peer review committee being composed of 10 fellow scientists in the past, as well as UBC’s refusal to identify the current committee members (especially those from the community), despite the Freedom of Information and Privacy Commissioner adjudicating that it should do so.

Ms Shaw then noted that Sean Eckles from the BCSPCA has resigned from the ACC committee and hasn’t been replaced by anyone as a devoted advocate for animal welfare. She then went on to highlight Dr Andre Menach’s concerns that UBC needed an independent external review system for animal research proposals that included scientists with knowledge of animal replacement methods as well as veterinarians.

Dr Shaw then listed a variety of other concerns, including:

- Alternate housing does not meet standards.
- UBC won’t release information like Langara does regarding sourcing of animals.
- CCAC does not have jurisdiction over animal suppliers.

- The university is failing to respect the diversity of cultures, religions, and ethical beliefs that make up our society – students are being made to take part in dissections, donors and tax payers are unwitting accomplices in the torment of animals – this is no way for a forward institution to behave.
- UBC's Animal Care Committee meets 15 times a year, but has an average of 59 protocols to review at each meeting.
- Why there was a 3.8% of cat d research this year.

Ms Shaw concluded by suggesting that UBC was failing to adhere to the “3 Rs” for animal experimentation – reduction, refinement, and replacement.

The University Veterinarian and the Associate Vice-President Research

Dr Helen Burt, Associate Vice-President Research, noted that as a globally-ranked top research university, we are proud and supportive of the scientists who conduct animal research with the goal of saving lives. UBC has a public website that provides many examples and case studies of the ways that UBC researchers use animals. Researchers at UBC have made countless breakthroughs. She suggested that no computer model or petri dish can replace a complex living animal, and noted that since 2011 UBC has been the first and only academic institution to take a pro-active approach to releasing information on animal testing.

Dr Ian Welch, University Veterinarian, then provided more in-depth information on governance processes around animal research at UBC. He noted that a basic tenet of caring for animals is that all animals have the right to medical care including research animals. We have the same expectations for our care of these animals as vets do when treating pets. A priority in our system is maintaining 3rd party arm's length oversight and we do that through the use of animal care and veterinary care technicians. If those persons see anything troubling with an animal they are directed to contact veterinary staff, not research staff.

The Veterinarian noted that wherever possible we would choose to use non-animal research, and to use them is a privilege not a right. UBC has a certificate of good animal practice from the CACC, which is a condition of our tri-council grants.

Dr Welch concluded by noting that the animal care committee is not just a committee of scientific peers, it also has community members and veterinary members, as well as students, technicians, and non-animal using faculty members. Decisions are made by consensus.

Discussion

Senator Keown said that he had been in medical research for a long time, and that no one involved in such research would do so if there were any alternatives; everyone tried to use all alternatives and to minimize use. If it was possible we would avoid it and use computer models. He suggested that such a day would come, but that technology was simply not there yet.

Ms Anne Birthistle said that there are computer modeling systems used elsewhere, and that their insufficiency was an entrenched perspective amongst those who use animals.

Senator Sapollnik asked what typically happened to animals when the experiment was completed.

Dr Welch replied that they typically are euthanized so that they could be further studied.

Senator Baimbridge asked for clarification to ACC policies around grants – is a certificate needed?

Dr Burt replied that no grants are made available unless all needed approvals have been granted. You can get a grant while a protocol is pending, but no money can be issued until all requirements have been satisfied.

Ms Shaw replied that being given the grant prior to the protocols being approved was backwards.

Dr Welch replied that the proposal must be scientifically valid; the protocol is irrelevant if the idea isn't any good.

Ms Shaw asked how the ACC committee could look at 889 protocols over 15 meetings in a year. How could anyone pay detailed attention to that?

Dr Welch replied that there are 20 protocols on average reviewed, the rest are amendments.

Dr Burt replied that the number of hours that goes into an assessment is likely 10:1 for pre-review.

Dr Welch added that there was an increase in veterinarian staff to help with proposals.

Dr Rucker asked how many distinct facilities we had and how frequently are they visited and by whom.

Dr Welch replied that we reviewed facilities on a risk-based system. We adjust the frequency based on need. We also have a full-time auditor.

Ms Shaw asked about the 56 independent facilities on campus.

Dr Burt replied that there are 18 facilities with UBC oversight, and this includes 4 hospital sites, the aquarium, etc. We have worked to close facilities that were substandard. She noted that UBC had spent over \$160 million on this over the past 5 years.

Ms Shaw asked about the primate facility concerns from the CCAC.

Dr Welch advised that we will be receiving their report in 6 weeks.

Admissions Committee

The Vice-Chair of the Senate Admissions Committee, Mrs Carol Jaeger, presented.

BACHELOR OF FINE ARTS – CHANGES IN ADMISSION REQUIREMENTS

Carol Jaeger	}	<i>That Senate approve revised admission and transfer requirements for applicants to the Bachelor of Fine Arts program, effective for entry to the 2017 Winter Session and thereafter.</i>
Lance Rucker		

Mrs Jaeger advised that a small portion of the seats would be made direct entry as opposed to BA transfers.

Approved

GRADUATE DOCTOR OF PHARMACY – SUSPENSION OF ADMISSION

Carol Jaeger	}	<i>That Senate approve suspension of admission to the Graduate Doctor of Pharmacy program, effective for the 2016 Winter Session and thereafter.</i>
Richard Anstee		

Approved

UBC-LANGARA ABORIGINAL TRANSFER PARTNERSHIP (ATP): BACHELOR OF APPLIED SCIENCE

Carol Jaeger	}	<i>That Senate approve admission requirements for applicants to the Bachelor of Applied Science program via the UBC-Langara Aboriginal Transfer Partnership, effective for entry to the 2016 Winter Session and thereafter.</i>
Richard Anstee		

Approved

Awards Committee

See Appendix A: Awards Report

Dr Nancy Perry, committee member, presented on behalf of the Awards Committee.

INTERNATIONAL VARSITY AWARDS

Nancy Perry } *That Senate approve and forward to the Board for*
Catherine Dauvergne } *approval, the International Varsity Award as*
attached.

Approved

NEW AND REVISED AWARDS

Nancy Perry } *That Senate accept the awards as listed and forward*
Richard Tees } *them to the Board of Governors for approval; and*
that letters of thanks be sent to the donors.

Approved

Curriculum Committee

Dr Peter Marshall, Chair of the Senate Curriculum Committee, presented.

CURRICULUM PROPOSALS FROM THE FACULTIES OF ARTS, EDUCATION, GRADUATE AND POSTDOCTORAL STUDIES, LAND & FOOD SYSTEMS, AND SCIENCE

See Appendix B: Curriculum Report

Peter Marshall } *That the new courses, new programs, revised*
Lance Rucker } *program, and revised transcript language brought*
forward by the faculties of Arts, Education,
Graduate and Postdoctoral Studies (Land and Food
Systems), Land and Food Systems, and Science be
approved.

Dr P. Marshall summarized the material presented: from Arts 6 new courses and a new major/minor, from Education a change to the specialization terminology, from Graduate Studies a major revision to the Master of Food and Resource Economics, from Land and Food Systems 3 new courses and 6 new courses, and a new combined major from Science.

Senator Loewen asked about CPSC 103; noting that it was only half the usual number of lecture hours with the rest being made up of other activities.

Senator Harrison advised that it was a blended learning course with considerable requirements outside of the scheduled class time.

Senator Lam asked if CPSC 110 would be a course for computer science students only

The Registrar agreed to have an answer for this question at the next meeting.

Approved

Joint Report of the Academic Policy, Admission, and Curriculum Committees

The Chair of the Senate Curriculum Committee, Dr Peter Marshall, presented.

AFFILIATION WITH YALE UNIVERSITY FOR THE M.B.A/M.A.M DUAL DEGREE PROGRAM OPTION

Peter Marshall	}	<i>That the memorandum of understanding between UBC's Faculty of Commerce and Business Administration and Yale University's School of Management be approved;</i>
Robert Helsley		
		<i>That the new Master of Business Administration (M.B.A.), UBC, and Master of Advanced Management (M.A.M.), Yale University, dual degree program option be approved.</i>

Approved

Joint Report of the Senate Admission and Curriculum Committees

The Chair of the Senate Curriculum Committee, Dr Peter Marshall, presented.

UNDERGRADUATE PROGRAM-MASTER OF MANAGEMENT DUAL DEGREE PROGRAM OPTION

Peter Marshall	}	<i>That the revised continuation requirements for the Undergraduate Program-Master of Management Dual Degree Program Option brought forward by the Faculty of Commerce and Business administration be approved.</i>
Robert Helsley		

Senator Anstee noted that he had concerns when the program was established as a direct entry program. He suggested that it was hopeless to try to identify high school students for success in graduate school. The proposal that was originally passed had some safeguards to ensure that students met certain requirements for advancement, namely a 76% continuation requirement. This proposal would reduce that average to 72% in year 2 and this could be problematic.

With permission of Senate, Dr Kin Lo of Commerce spoke. He acknowledged that high school grades were an imperfect measure but so were university grades. The proposal recognized that performance did vary over time. As a test, we analyzed the performance of students in a participating program and the variance was acceptable. The 76% continuation requirement will inadvertently kick out students who will end up qualifying by the 76% final required average.

Dr Rucker asked why 72% in particular.

Dr Lo replied that given student variance, a 4% buffer was a sufficient number.

A student senator asked if students at risk for discontinuation would be monitored and warned?

Dr Lo replied yes, students in that 4% range would be pro-actively contacted and assisted.

In response to a question from Dr Rucker, Dr Lo replied that students would need to raise their average in year 4 if low in year 3

Approved

REVISIONS TO MASTER OF ARTS IN PLANNING AND MASTER OF SCIENCE IN PLANNING DEGREE PROGRAMS

Appendix C: Planning Graduate Degrees

Peter Marshall	}	<i>That the revised Master of Arts in Planning and Master of Science in Planning degree programs and their associated new courses brought forward by the Faculty of Graduate and Postdoctoral Studies (Applied Science) be approved.</i>
Carol Jaeger		

Dr Marshall noted that the Masters of Arts and Science in Planning were long standing programs that initially were research-focused but have become more professionally focused over time, and now are not doing an exceptional job for research nor for the profession. As a result, a few years ago Senate approved the Master of CRP which serves the professional need and the intake to the two existing programs were suspended with the intention of reviewing and revising the existing programs to restore their research orientation.

Approved

Ad Hoc Committee on Flexible Learning

AN ENHANCED LEARNING PROFILE

Former Senator Aaron Bailey presented. He advised that for the past year, the committee had been discussing flexible, experimental learning and how UBC recognized such activities. Mr Bailey noted that experiential learning was a key priority for UBC, and that learning can happen everywhere at UBC, not just in the formal setting of a classroom. He noted that one approach taken by other institution is the notion of a “Co-Curricular Record”. The Committee looked at that approach but viewed that as an accounting system and not as a dynamic approach as they existed in a vacuum as being supplemental to existing official transcripts.

Dr Kate Ross noted that the Lumina Foundation was funding interesting developments in the US to produce records that identify, reflect on, demonstrate, communicate and validate learning in and beyond the classroom. As a result of such a tool they can identify, reflect on, demonstrate, and communicate and validate to others in a meaningful way. Beneficiaries could be employers, graduate schools UBC recruitment and retention and the students themselves.

The Committee then put four questions to Senate to open debate:
Questions

- What learning should UBC value as an institution?
- How should UBC recognize this learning?
- Whose needs does this fulfill?
- Who needs to be involved?

Dean Averill suggested that the difficulty will be in determining what makes it, how we make those determinations. This would support the innovations we have been doing with our current students as well as trends for the future.

Senator Anstee said that from a distance this looked like a resume, but that he suspected students were looking for a particular form of institutional validation, and this seemed daunting. He noted that at present we do so through grades, letters of reference, and posting work when appropriate. Doing more than that would be a big challenge.

Dr Ross suggested that this was a matter of getting a balance right.

Former Senator Omassi said that students found skills that aren't assessed in the classroom as being important. She suggested that something like 60% of our students take more than 4 years, and 50% of those students cited other experiences as the reason. Students come to UBC for more than just academics and thus sort of tool would validate those activities.

Senator Harrison suggested that pre-validation would be work done by students, and doing so may help students make more sense of their academic programs and the relationships between their experiences. Our part in validation is daunting but slightly easier as a result.

Senator Thorne was supportive of the idea but suggested that it was easier to document things rather than skills or learning and this opportunity thus also presented a risk; we notice this problem with broad based admission. As soon as a system is created people learn to game it. We have to maintain the integrity of anything UBC certifies.

Senator C. Marshall stated that understood the desire but had a few concerns: Firstly, establishment voices and activities being deemed as appropriate or not, and thus not being reflected. Secondly, a well-written CV could replicate many of the examples given and thus this may not have much utility. Thirdly, was the university relationship important in considering things to be included? If so, this risks giving the university an imprimatur on activities being appropriate or not.

A student senator said she initially viewed this as a CV adjunct - a helpful tool but not something that needs to be all encompassing. She asked how this was similar to eportfolios used in nursing and the MD program.

Mr Bailey replied that undergraduate students in Arts also did portfolios, and we have looked at them.

Reports from the Provost

2016-2017 UNIVERSITY BUDGET

The Provost *Pro Tem.*, Dr Angela Redish, noted that the University budget summary was available online. This includes the operating and consolidated budgets along with the endowments and other detailed information.

Dr Redish outlined the consultative process used to create the budget starting last November. We then discussed the budget as the driver for the strategic goals of the University. “Final” Board approval was granted on 14 April; however, on March 31st the arbitration report for UBC and the Faculty Association was issued and this indicated 2% increases for 2014 and 2015 for faculty association members. The Province agreed to fund increases if we followed the PSEC mandate. This mandate was 0% in year 1 and 1% in year 2. This means there are a large amount of faculty salary increases that we need to find funding for. This is roughly \$17 million for retroactive salary increases and \$12 million ongoing. As a result, the board approved the budget in principal but we need to return to the board in June with how we will address this.

The Provost noted that our aspiration is to be the best university in Canada. To do that we need resources for faculties, infrastructure for research and student experience, and to make focused investments in areas of strength. She noted that even before the arbitration we were in a constrained environment. Our grant went down last year and was flat this year, and tuition for domestic students is only allowed to increase at 2% a year, which is below inflation. To some extent, some faculties can make new revenues by admitting more international students, or offering new continuing education programs, but the ability of some faculties to do either is non-existent or limited.

Dr Redish did not that some new funding was available as the Provincial Government has been interested in investing in small capital improvements, and the Federal government was interested in funding infrastructure improvement.

Based upon the work done to construct the budget prior to the arbitration award, Dr Redish advised that that \$27 million was available for new allocations. Of that \$5 million was already committed in previous years, \$9 million was put towards core serveries, \$8 million for strategic investments, \$2 million for risk areas, and \$3 million for a central contingency.

Dr Redish then went on to describe the “UBC Excellence Fund” established with \$6 million this year and to increase to \$32 million by Fiscal Year 2018. Key principles for this fund were:

- Excellence
- Sustainability
- Strategic Nimbleness
- Effectiveness
- Openness
- Accountability
- Transparency

As priorities for funding, plans were firstly to invest in people, secondly in research support, and thirdly in the teaching and learning environment. Funds will be approved by the Board on an annual basis and evaluated at the end of the year. This year’s allocations are \$ 500 000 for student recruitment and retention, \$2.4 million for faculty recruitment and retention, 2 million for research clusters, and \$500 000 for experiential learning.

Dr Redish noted that we reported our budget to the Province as consolidated not operating, and on GAAP. There are two key differences – endowment returns, and depreciation/capital investments.

For next steps, UBC needs to sort out what we won’t do that we thought we could to pay for faculty salary increases. Secondly, we try to balance our operating budget and are legally required to balance our consolidated budget, but beyond that we need to discuss what principles should be behind our budget. Finally, we can look at benchmarking across the University and across other universities (Russell group, group of 8 in Australia, etc).

Senator Williams asked about the Scholars Community and what funding would go towards international students given that much of it would be paid for from international fees.

The Provost replied that this mostly would be for domestic students because it was based on the successful scholars’ community for international students.

Senator Williams asked how we were supporting experiential learning when international service learning has been cut.

The Provost replied that we needed to find funding to support it. We did cut it last year but we have listed to people to raised concerns.

Adjournment

There being no further business, the meeting was adjourned at 8:20 pm.

Appendix A: Awards Report

New Centennial Scholars Entrance Awards:

Madame Rosa BOK-FALKSON Centennial Scholars Major Entrance Award in Opera – A \$4,000 renewable entrance award is offered annually to an outstanding domestic student entering the Opera Program directly from secondary schools, or transferring directly from other colleges and universities, in Canada or abroad. The award is in memory of Mme. Rosa Bok-Falkson, distinguished Opera singer, known as the Nightingale of Hamburg. Criteria for this entrance award includes demonstrated academic and leadership achievement in the arts, community, athletics, or school, and extraordinary performance capability based on experience and an audition to the Opera Program. The recipient is an academically qualified student with an interest in joining and contributing to the UBC Vancouver community but who would not be able to attend UBC without significant financial assistance. Subject to continued scholarship standing, the awards will be renewed for a further three years of study or until the first undergraduate degree is obtained (whichever is the shorter period). Candidates must be nominated by a member of their school or community. Only one student can hold this award in any given year. The awards are made on the recommendation of the Centennial Scholars Entrance Award Committee and subject to an exceptional audition to the Opera program. (First Award Available in the 2016/2017 Winter Session)

FERNANDEZ Family Centennial Scholars Major Entrance Award – A \$4,000 renewable entrance award is offered annually by Darran Fernandez to an outstanding domestic student entering university directly from secondary schools in Canada, or transferring directly from other colleges and universities, in Canada or abroad. Criteria for these entrance awards include demonstrated academic and leadership achievements in the arts, community, athletics, or school. Recipients are academically qualified students with an interest in joining and contributing to the UBC Vancouver community but who would not be able to attend UBC without significant financial assistance. Subject to continued scholarship standing, the awards will be renewed for a further three years of study or until the first undergraduate degree is obtained (whichever is the shorter period). Candidates must be nominated by a member of their school or community. Only one student can hold this award in any given year. The awards are made on the recommendation of the Centennial Scholars Entrance Award Committee. (First Award Available in the 2016/2017 Winter Session).

Diana M. LAM Centennial Scholars Entrance Award – A \$4,000 entrance award is offered annually by alumna Diana M. Lam, BA 1956, to an outstanding domestic student entering university directly from secondary schools, or a transferring directly from other colleges and universities, in Canada or abroad. Criteria for this entrance award includes demonstrated academic and leadership achievements in the arts, community, athletics, or school. The recipient will be an academically qualified student with an interest in joining and contributing to the UBC Vancouver community but who would not be able to attend UBC without significant financial assistance. Candidates must be nominated by a member of their school or community. The award is made on the recommendation of the Centennial Scholars Entrance Award Committee. (First Award Available in the 2016/2017 Winter Session)

TOWNSEND-HARDER Centennial Scholars Major Entrance Award in Trumpet – A \$4,000 renewable entrance award is offered annually by UBC Music alumni Laurie Townsend (BMus 1988) and Don Harder (BMus 1978), to an outstanding domestic student entering the Bachelor of Music directly from secondary schools, or transferring directly from other colleges and universities, in Canada or abroad, and whose primary instrument is trumpet. Criteria for this entrance award includes demonstrated performance proficiency as well as academic and leadership achievement in the arts, community, athletics, or school. The recipient is an academically qualified student with an interest in joining and contributing to the UBC Vancouver community but who would not be able to attend UBC without significant financial assistance. Subject to continued scholarship standing, the awards will be renewed for a further three years of study or until the first undergraduate degree is obtained (whichever is the shorter period). Candidates must be nominated by a member of their school or community. Only one student can hold this award in any given year. The awards are made on the recommendation of the Centennial Scholars Entrance Award Committee and subject to an exceptional audition to the Bachelor of Music program. (First Award Available in the 2016/2017 Winter Session)

New Awards:

Leon Judah BLACKMORE Award in Criminal Law - A \$5,000 award is offered annually by the Leon Judah Blackmore Foundation to a second- or third-year J.D. student who has participated in the UBC Innocence Project at the Peter A. Allard School of Law and has demonstrated an interest in criminal law reform and a dedication to advocacy work throughout his or her legal studies. The award is made on the recommendation of the Director(s) of the UBC Innocence Project at the Peter A. Allard School of Law. (First Award Available in the 2015/2016 Winter Session)

Tina CHRISTOPOULOS CRUDO Scholarship in Education - A \$1,000 scholarship is offered annually for a student in the Kindergarten – Primary Program Cohort of the teacher education program who demonstrates academic excellence. The scholarship is created in loving memory of Tina Christopoulos Crudo, who was a passionate teacher and who had a positive impact on countless students during her twenty-year career as an educator. The award is made on the recommendation of the Faculty of Education. (First Award Available in the 2016/2017 Winter Session)

DESAI Graduate Scholarship in English Literature – A \$1,000 scholarship is offered annually to a Masters of Arts, English Literature student in loving memory of Mr. J.V. Desai, who was a humble and brilliant man whose first love was for the English language. He was a grand-nephew of Mahatma Gandhi and a loving father who emphasized the importance of education, both in the theoretical and experiential sense. He recognized the importance of learning through travel and interacting with people. The ideal candidate would demonstrate an interest in travel and may be an international student or someone whose thesis investigates global issues. The award is made on the recommendation of the Department of English, in consultation with the Faculty of Graduate and Postdoctoral Studies. (First Award Available in the 2016/2017 Winter Session)

GAMMA Phi Beta Foundation Service Award – A \$1,000 award is offered annually by the Gamma Phi Beta Sorority to a student who demonstrates service on campus or in the community.

Preference will be given to applicants who are members of Gamma Phi Beta. The award is adjudicated by Enrolment Services. (First Award Available in the 2016/2017 Winter Session)

GERVIN Indigenous Community Legal Clinic Award for Distinguished Advocacy – One or more awards totalling \$1,000 are offered annually to J.D. students who have made an exceptional contribution to the Indigenous community, demonstrated an interest in Indigenous legal studies and proven dedication to advocacy work throughout their participation in the Peter A. Allard School of Law's Indigenous Community Legal Clinic. The award is made on the recommendation of the Director(s) of the Indigenous Community Legal Clinic at the Peter A. Allard School of Law. (First Award Available in the 2015/2016 Winter Session)

Frank READ Thunderbird Rowing Award – One or more awards totalling \$1,000 have been made available through an endowment established for rowing athletes in memory of Frank Read, a beloved UBC and Olympic rowing coach. The awards celebrate Read's tireless work in proving that excellence in sport was a realistic objective for Canadians. The awards are offered to outstanding members of the Thunderbird Rowing Team who have maintained good academic standing. The recommendation is made by the Rowing coaches. (First Award Available in the 2016/2017 Winter Session)

Gordon and Gladys SHERLOCK Prize – Prizes totaling \$40,000 have been made available through an endowment established with a bequest by the Estate of Gladys Sherlock. The prizes are offered to students in the Faculty of Education specializing or majoring in Counselling. At the present time, the prizes are available to students in the Department of Educational and Counselling Psychology and Special Education enrolled in the Master of Arts, Master of Education and Doctor of Philosophy programs. Successful applicants must hold a Bachelor of Education. The prizes shall be announced and awarded to students prior to their graduation. Gladys Sherlock (1922-2015) began her teaching career at the age of 15 in Newfoundland. In 1960 she graduated from UBC with a Bachelor of Arts. She worked for many years as a guidance counsellor in several local schools, including Austin Elementary and Sir Frederick Banting Junior Secondary. Gordon Sherlock was Mrs. Sherlock's husband and predeceased her in 2008. The award is made on the recommendation of the Faculty of Education in consultation with the Faculty of Graduate and Postdoctoral Studies. (First Award Available in the 2016/2017 Winter Session)

UBC Inter-Fraternity Council Bursary - A \$1,000 bursary is offered annually by the UBC Inter-Fraternity Council to undergraduate students, with preference given to a student in the UBC Fraternity system. The award is given based on financial need to students actively involved in the UBC Inter-Fraternity Council. The award is adjudicated by Enrolment Services. (First Award Available in the 2016/2017 Winter Session)

Trevor WATSON Award in Pharmaceutical Sciences – A \$1,000 award has been made available through an endowment established by Christine Lee, B.Sc. Pharmacy 1975, and the Watson Family to honour Trevor Watson, B.Sc. Pharmacy 1957. This award is offered to an undergraduate student in the Faculty of Pharmaceutical Sciences who demonstrates a keen passion for the betterment of their community and for the profession of pharmacy. While deeply dedicated to his family, church, and community, Mr. Watson remained an exemplary pillar of service and leadership in the development of the profession of pharmacy in British Columbia and

Canada. Alongside being a practicing pharmacist for over 40 years, Trevor was a member of the 1966/67 B.C. Pharmacy Planning Commission and one of the primary proponents in the establishment of the B.C. Professional Pharmacists Society, the current B.C. Pharmacy Association (BCPhA). He has served as President for both the College of Pharmacists of B.C. and the Canadian Pharmacists Association (CPhA), and is a honorary life member of the BCPhA and the CPhA. Trevor was a part-time Clinical Instructor/Lecturer at the Faculty from 1971-1991, and has been a committed mentor to young graduates. The award is made on the recommendation of the Faculty of Pharmaceutical Sciences. (First Award Available in the 2016/2017 Winter Session)

Previously-Approved Awards with Changes in Terms or Funding Source:

#1011 Association of Women in Finance Graduate Award in Business – A \$2,500 academic award is offered annually by the Association of Women in Finance to a female student enrolled in the MBA program who demonstrates academic excellence and a history of community service. Financial need may be considered. The award is made on the recommendation of the Sauder School of Business.

Rationale for Proposed Changes – Type of Action: Upon the donor's request, we have changed award type, so that financial need could be considered and we have simplified the selection criteria by removing reference to future plans; the donor has also requested to increase the award value.

Previously-Approved Centennial Scholars Entrance Awards: Clarification of Eligibility Criteria:

Peter Marshall Centennial Scholar Entrance Award in Forestry - A \$2,000 renewable entrance award is offered annually by Dr. Peter Marshall to outstanding domestic under-represented students, such as Aboriginal students, students from rural communities, immigrant and refugee students, first generation learners, youth aging out of care, and students of low socio-economic status, entering the Faculty of Forestry's Bachelor of Science in Forestry, Forest Sciences, Natural Resources Conservation, or the Bachelor of Urban Forestry degree programs directly from secondary schools, or transferring directly from other colleges and universities, in Canada or abroad. Criteria for these entrance awards include demonstrated academic and leadership achievements in the arts, community, athletics, or school. Recipients are academically qualified students with an interest in joining and contributing to the UBC Vancouver community but who would not be able to attend UBC without significant financial assistance. Subject to continued scholarship standing, the awards will be renewed for a further three years of study or until the first undergraduate degree is obtained (whichever is the shorter period). Candidates must be nominated by a member of their school or community. The awards are made on the recommendation of the Centennial Scholars Entrance Award Committee. (First Award Available in the 2016/2017 Winter Session)

Rationale for Proposed Changes – Type of Action: to clarify eligibility for the award

#4697 Centennial Scholars Entrance Awards – The University of British Columbia offers entrance awards valued up to \$10,000 to outstanding domestic students entering university directly from secondary schools , or transferring directly from other colleges and universities, in

Canada or abroad. Criteria for these entrance awards include demonstrated academic and leadership achievements in the arts, community, athletics, or school. Recipients are academically qualified students with an interest in joining and contributing to the UBC Vancouver community but who would not be able to attend UBC without significant financial assistance. Candidates must be nominated by a member of their school or community. The awards are made on the recommendation of the Centennial Scholars Entrance Award Committee. (First Award Available in the 2016/2017 Winter Session)

Rationale for Proposed Changes – Type of Action: to clarify eligibility for the award

#4698 Centennial Scholars Major Entrance Awards – The University of British Columbia offers renewable entrance awards valued up to \$40,000 over 4 years to outstanding domestic students entering university directly from secondary schools, or transferring directly from other colleges and universities, in Canada or abroad. Criteria for these entrance awards include demonstrated academic and leadership achievements in the arts, community, athletics, or school. Recipients are academically qualified students with an interest in joining and contributing to the UBC Vancouver community but who would not be able to attend UBC without significant financial assistance. Subject to continued scholarship standing, the awards will be renewed for a further three years of study or until the first undergraduate degree is obtained (whichever is the shorter period). Candidates must be nominated by a member of their school or community. The awards are made on the recommendation of the Centennial Scholars Entrance Award Committee. (First Award Available in the 2016/2017 Winter Session)

Rationale for Proposed Changes – Type of Action: to clarify eligibility for the award

Appendix B: Curriculum Report

FACULTY OF ARTS

New courses and new major and minor programs

CNTO 451 (3) Advanced Cantonese through Popular Culture; Arts>Bachelor of Arts>First Nations and Endangered Languages>[Major] & [Minor] in First Nations and Endangered Languages Program; FNEL 381 (3) Biocultural Diversity: Language, Community, and the Environment; FNEL 382 (3) Lexicography for Endangered Languages; FNEL 389 (3) Collaborative Heritage Research in First Nations Languages: Practicum & Workshop; FNEL 481 (3) Heritage Resources in Endangered First Nation Language Revitalization; FNEL 482 (3) Applied Research in Endangered Language Reclamation

FACULTY OF EDUCATION

Revised transcript language

Transcript language for Bachelor of Education

FACULTY OF GRADUATE AND POSTDOCTORAL STUDIES

Revised program and new courses

Land and Food Systems

Graduate and Postdoctoral Studies>Degree Programs>Agricultural Economics>Master of Food and Resource Economics>Program Requirements; FRE 504 (1.5) Agricultural and Resource Policy Analysis; FRE 505 (1.5) Agricultural and Resource Policy Analysis – Policy and Project Evaluation Tools; FRE 517 (1.5) Futures Trading in Agricultural Commodities; FRE 518 (1.5) Survey Design and Data Analysis; FRE 523 (1.5) Resource Economics I; FRE 524 (1.5) Resource Economics II; FRE 526 (1.5) Environmental Economics and Policy: Theory; FRE 527 (1.5) Environmental Economics and Policy: Empirical Analysis; FRE 529 (1.5) Estimating Econometric Models; FRE 530 (1.5) Econometrics with Time Series Data; FRE 541 (1.5) Project Monitoring and Evaluation in International Development

FACULTY OF LAND AND FOOD SYSTEMS

New courses

APBI 222 (3) Introduction to Horticulture; FNH 405 (3) Microbiology of Food & Beverage Fermentation; FNH 472 (3) Maternal and Fetal Nutrition

FACULTY OF SCIENCE

New courses and new combined major program option

CPSC 100 (3) Computational Thinking; CPSC 103 (3) Introduction to Systematic Program Design; CPSC 436 (1-6)d Topics in Computer Science; ENVR 440 (3) Analytical Methods in Sustainability Science; EOSC 213 (3) Computational Methods in Geological Engineering; EOSC 471 (3) Waves, Currents and Ocean Mixing; Science>Bachelor of Science>Computer Science>Specializations>Combined Major: Computer Science and Chemistry

Appendix C: Planning Graduate Degrees

FACULTY OF GRADUATE AND POSTDOCTORAL STUDIES

Applied Science

Revised program and new courses

Graduate and Postdoctoral Studies>Degree Programs>Planning>[Master of Arts in Planning] & [Master of Science in Planning]; PLAN 558 (3) The Role of Theory in Planning Research; PLAN 559 (3) Design of Planning- and Policy-oriented Research; PLAN 560 (1) Master's Thesis Workshop