



VANCOUVER SENATE

MINUTES OF 28 FEBRUARY 2018

Attendance

Present: Dr S. Ono (Chair), Dr K Ross (Secretary), Dr P. Adebar, Mr T. Ahmed, Ms J. Booth, Ms S. Brar, Ms D. Coulbourn, Mr K. Doering, Dr S. Forwell, Mr J. Gattinger, Dr J. Gilbert, Dr V. Greiss, Ms M. Grist, Mr S. Haffey, Dr P. Harrison, Dean R. Helsley, Mr M. Holmes, Dean J. Innes, Dr A. Ivanov, Prof. C. Jaeger, Dr P. Keown, Dr M. Koehoorn, Dr C. Krebs, Dr M. Kuus, Mr D. Lam, Dr K. Lo, Dr D. MacDonald, Ms A. MacDougall, Dr M. MacDougall, Mr K. Madill, Dr P. Marshall, Dr S. Matsui, Dr W. McKee, Mr B. McNulty, Ms S. Ngo, Dean J. Olson, Ms S. Park, Ms S. Parker, Dean S. Peacock, Dean S. Porter, Mr M. Pratt, Dr T. Rogers, Mr Q. Salehmohamed, Ms A. Shilling, Dr J. Shepherd, Prof. A. Sheppard, Dr S. Singh, Mr M. Stewart, Dr A. Szeri, Dr R. Tees, Dr M. Thachuk, Dr S. Thorne, Dr R. Topping, Ms L. Wang, Dean R. Yada

Regrets: Dean G. Averill, Dr R. Boushel, Dr H. Brock, Dr V. Bungay, Dr A. Collier, Dean M. Coughtrie, Dean C. Dauvergne, Dr G. Faulkner, Dr A. Fisher, Dean B. Frank, Dr J. Greenman, Chancellor L. Gordon, Dr C. Godwin, Dr M. Isaacson, Dean D. Kelleher, Dr A. Kindler, Dr P. Meehan, Dr C. Nislow, Dr L. Stothers, Dr M. Upadhyaya

Clerk: Mr C. Eaton

Call to Order

The Chair of Senate, Dr Santa J. Ono, called the sixth regular meeting of the Vancouver Senate for the 2017/2018 Academic Year to order at 6:04 pm.

Senate Membership

NEW MEMBER

The Registrar announced the appointment of James Olson as Dean of the Faculty of Applied Science, replacing James Olson as Dean Pro Tempore of the Faculty of Applied Science, effective 1 March 2018

Minutes of 17 January 2017

Carol Jaeger

}

That the Minutes of the Meeting of 17 January



Daniel Lam

2018 be adopted as corrected.

Corrections:

Mr Haffey was in attendance.

Prof. Sheppard not Dr Shepherd moved the approval of the December 2017 Minutes.

Senator Wang prefers Ms not Mr.

Approved

Remarks from the Chair

Dr Ono noted that he had just returned from a productive trip to India where he met with representatives of educational institutions, governments, and industry. In particular, he highlighted meeting with the Indian Institutes of Technology (IITs), and indicated that two IITs, Chennai and Madras, have expressed their interest in having formal relationships with UBC for pedagogy and research. Dr Ono noted that UBC is trying to play a leadership role for gender equity in Indian higher education. In visiting institutions, the overwhelming maleness of their students and faculty was evident (90% plus). To help address this, UBC faculties, including Applied Science in particular, are working in different parts of India to encourage women and girls to have an interest in STEM disciplines. The President noted that a frequent question asked by Indian students is scholarship availability to study at UBC and hopefully the Blue and Gold Campaign will help make more funding available to students, both domestic and international.

The President suggested that yesterday's Federal budget was very good news for universities, including a 25% Increase for Tricouncil grants over 5 years and a funding increase and stabilization for the Canadian Foundation for Innovation (CFI) and to have a more diverse body of researchers. Dr Ono noted that this is the largest increase in science and scholarship funding in the history of Canada.

Dr Ono advised that later on today's agenda is the most recent draft of the strategic plan. He noted that there has been lot of constructive feedback since the last strategic plan from both internal and external stakeholders. UBC's Okanagan campus endorsed the strategic plan last week, and the Administration's hope is that Vancouver would do the same after our discussion tonight. We will take a structured approach to implementation, including metrics, annual reporting to the Board, Senate, and community, and an easily referenced dashboard will be developed to show progress.

The President expressed his thanks to the entire UBC community for their contributions.

Strategic Plan



Dr Ono advised that distributed to Senate was penultimate draft of the strategic plan: Shaping UBC's Next Century, and asked for discussion prior to considering a motion for endorsement.

Senator Holmes asked about endorsing an involving plan. Shouldn't we be approving a final document?

Senator Szeri replied that we are still getting suggestions for added language, including most recently from student government. Once people stop making suggestions then we can stop making changes. If there are significant changes beyond what has already been proposed, we would bring these back to you, but we hope that the Senate would allow for editorial changes if discovered.

Senator Thorne asked, beyond typographical errors and fine-tuning, if we were hearing any substantive concerns at this stage?

Dr Szeri replied no.

Senator Tees said that after endorsement he was hearted to hear that this would be an iterative process and what he was looking for would be an endorsement in principle of the work so far.

Senator Holmes noted the frequent reference to the Indigenous Strategic Plan, a document that does not yet exist. He reminded Senators that Senate was not approving this document in principle, but in full.

The Provost said that the document refers to the Indigenous Strategic Plan it as a work in progress.

Senator Holmes outlined his concerns that sexual violence had not been appropriately referenced in the plan, and stated that that experts should inform this area.

Senator Doering asked for confirmation that metrics would be brought forward to the campus and senate on an annual basis.

Senator Ngo said that she enjoyed reading the plan, finding it encouraging and visionary. She expressed that we should make clear the impact of our alumni globally and improve the language on Arts One.

The provost agreed to review and update that language.

Senator Singh expressed his appreciation for the sustainability language, but noted that the undergraduate research section could be stronger. He suggested that the work of the Faculty of Science in upper years could be built upon here. Secondly, he suggested the language around sexual violence needed to be improved to make clear our priority towards the safety of our



students. Finally, he suggested that we should be strategic in addressing our past challenges with governance head on.

The President agreed that undergraduate research needed to be addressed during implementation, using resources and graduate student support as an example. He suggested that we could emphasize that more. He confirmed that Senator Holmes' comments regarding sexual violence would be incorporated. With referenced to governance, Dr Ono noted that the Board is conducting their own governance review for their operations.

Senator Singh replied said that it was beyond just governance; it was also a matter of internal communications failures.

Senator Brar said that we would be endorsing the creation of the Indigenous Strategic Plan, but would we commit to bringing that plan to Senate for endorsement itself along with the wellbeing plan and if so, when.

Dr Ono agreed that both the Indigenous and wellbeing plans needed to come forward to Senate for endorsement but advised that he was not certain when drafts would be ready for consideration.

Senator Doering said that digital technology should be ambitiously referenced in the plan.

Dr Ono said that he couldn't imagine a future where that wasn't the case for UBC.

Dr Tees said that much of these comments were about the future and implementation; at that time, we'll have a reasonable opportunity to provide advice.

Richard Tees	}	<i>That Senate endorse the strategic plan as</i>
Susan Forwell		<i>amended.</i>

Approved

Candidates for Degrees

Ainsley MacDougall	}	<i>That the candidates for degrees as recommended by the Faculty of Graduate and Postdoctoral Studies be granted the degrees for which they were recommended, effective February 2018, and that a committee comprised of the Registrar, the dean of the faculty and the Chair of the Vancouver Senate be empowered to make any necessary</i>
John Shepherd		



adjustments.

Approved

Academic Policy Committee

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

Paul Harrison	}	<i>That Senate approved the proposed revisions to the Faculty of Graduate and Postdoctoral Studies policies on membership in the Faculty and the supervision of graduate students as set out in the attached form.</i>
Susan Porter		

Dr Harrison explained the nature of the proposed changes; housekeeping and accommodating UBC Okanagan faculty supervising students with the approval of graduate programs.

Senator Thachuk asked if there was a reciprocal agreement with the Okanagan campus.

Senator Porter said that this was under development at the Okanagan campus.

Approved

Admissions Committee

Professor Carol Jaeger, Chair of the Senate Admissions Committee, presented.

BACHELOR OF DENTAL SCIENCE, DENTAL HYGIENE – REINSTATEMENT OF ADMISSION OF DIRECT-ENTRY ADMISSION

MASTER OF ENGINEERING LEADERSHIP AND MASTER OF HEALTH LEADERSHIP AND POLICY – ENGLISH LANGUAGE PROFICIENCY STANDARDS

MASTER OF ENGINEERING LEADERSHIP AND MASTER OF HEALTH LEADERSHIP AND POLICY – TRANSFER CREDIT

MASTER OF ENGINEERING – CHANGES IN ADMISSION REQUIREMENTS AND TRANSFER CREDIT POLICY

MASTER OF SCIENCE IN GEOPHYSICS – CHANGES IN ADMISSION REQUIREMENTS



FACULTY OF LAND AND FOOD SYSTEMS – ADMISSION

Carol Jaeger
Michael Pratt

} *That Senate approve the reinstatement of admissions to the Bachelor of Dental Science in Dental Hygiene Degree Completion Admission Option, revised admission requirements and associated Calendar changes, effective for entry to the 2019 Winter Session and thereafter;*

That Senate approve changes in English language proficiency requirements for admission to the Master of Engineering Leadership (Advanced Materials Manufacturing; Clean Energy Engineering; Dependable Software Systems; Green BioProducts; High Performance Building, Integrated Water Management; Naval Architecture and Marine Engineering; Smart Grid Energy Systems; Urban Systems); and Master of Health Leadership and Policy (Clinical Education; Senior Care) programs for entry to the 2018 Winter Session and thereafter;

That Senate approve the regulations for transfer credit for students in the Master of Engineering Leadership (Advanced Materials Manufacturing; Clean Energy Engineering; Dependable Software Systems; Green BioProducts; Integrated Water Management; Naval Architecture and Marine Engineering; Smart Grid Energy Systems; Urban Systems); and Master of Health Leadership and Policy (Clinical Education; Senior Care) for the 2017 Winter Session and thereafter;

That Senate approve Calendar changes to the Calendar entry on Master of Engineering, effective for the 2018 Winter Session and thereafter;

That Senate approve changes in admission requirements for applicants to the Master of Science in Geophysics, effective for entry to the 2018 Winter Session and thereafter; and



That Senate approve changes in admission and readmission requirements for applicants to undergraduate programs in the Faculty of Land and Food Systems, effective for admission to the 2018 Winter Session and thereafter.

Approved

MEMORANDUM OF UNDERSTANDING FOR FUNDING AND RESEARCH SUPPORT OF DOCTORAL EXCHANGE STUDENTS BETWEEN UBC AND SOUTHERN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Carol Jaeger
Anthony Sheppard

} *That Senate approve and recommend to the Council of Senates for approval the terms of the affiliation between UBC and SUSTech, as set out in the “Memorandum of Agreement for Funding Support and Research Exchanges for UBC Doctoral Students Between the College of Engineering Southern University of Science and Technology (SUSTech) and the Faculty of Applied Science University of British Columbia.*

NB: Senator Singh abstained from voting.

Approved

DUAL DEGREE PROGRAM OPTION – UBC MASTER OF MANAGEMENT AND YALE UNIVERSITY MASTER OF MANAGEMENT STUDIES

Carol Jaeger
Michael Pratt

} *That Senate approve the proposed Calendar entry on the Dual Degree Program Option: UBC Master of Management/Yale University Master of Management Studies; and*

That Senate recommend to the Council of Senates for approval the terms of the affiliation between UBC and Yale University as set out in the “Memorandum of Understanding Between Yale University on Behalf of Its School of Management and the University of British Columbia on Behalf of the UBC Faculty of Commerce and Business



Administration (doing business as the Sauder School of Business).

NB: Senator Singh abstained from voting.

Approved

2018/2019 ENROLMENT TARGETS

Carol Jaeger	}	<i>That Senate approve and forward to the Board of Governors for approval the 2018/2019 Enrolment Targets, as per section 27(2)(r) of the University Act.</i>
Anthony Sheppard		

Senator Doering asked about the cost of educating more domestic students than we were paid for by the Province.

The Provost replied that we didn't know the cost for these 5300 students because we don't assign funded seats to specific programs.

With permission of Senate, Vice-Provost Pamela Ratner spoke, elaborating that an answer to this question was a challenge because we don't have the dollar figure to educate students in any given program. We are committed to educating as many domestic students as we can so long as they have a quality education.

Senator Doering asked what the effect was on the budget for being overenrolled.

Dr Ross said that it was hard to completely hit 100%, so for domestic we aim to have more.

Dean Helsley reminded Senator Doering that tuition was regulated by the Provincial Government and Board of Governors.

Dr Ono said that it was very difficult to have exactly the right number of students attend each program. We try to guess on yields. If we are off on the negative side, it can negatively affect programs. It's laudable to admit as many people as we can.

Approved

NEW APPROACH TO HOLISTIC UNDERGRADUATE ADMISSIONS – CALENDAR CHANGES ON ADMISSION



Carol Jaeger
Anthony Sheppard

}

That Senate approve proposed changes in admission requirements for applicants to the Bachelor of Science in Applied Biology and the Bachelor of Science in Food, Nutrition and Health programs, effective for the 2019 Winter Session and thereafter;

That Senate approve changes in admission requirements for applicants presenting International Baccalaureate and Advanced Placement courses , effective for the 2019 Winter Session and thereafter;

That Senate approve proposed amendments to admission requirements and the UBC Academic Calendar, as circulated; and

That Senate direct the Committee to report back with changes to Policy J-51: Admission Based on Interim Grades for Applicants following Canadian Extra-Provincial Curricula Policy J-52.2 Admission for Secondary School Applicants following the BC/Yukon Curriculum, and Policy J-53: Course-specific Minima for Secondary School Applicants no later than the 16 May 2018 Senate meeting.

Approved

Agenda Committee

Mr Jakob Gattinger, Chair of the Senate Agenda Committee, presented for information the Senate meeting dates for 2018/2019 pursuant to Senate Rule 17 (a):

Wednesday September 19, 2018

Wednesday October 17, 2018

Wednesday November 21, 2018

Wednesday December 12, 2018



Wednesday January 16, 2019

Wednesday February 13, 2019

Wednesday March 20, 2019

Wednesday April 17, 2019

Wednesday May 15, 2019

Senator Gattinger noted that all of these dates followed the usual pattern of the 3rd Wednesday of each month except for the February date, which was being moved forward a week to avoid falling during reading break.

Awards Committee

The Chair of the Senate Awards Committee, Dr Lawrence Burr, presented.

See Appendix A: Awards Report

Lawrence Burr	}	<i>That Senate accept the awards as listed and forward them to the Board of Governors for approval; and that letters of thanks be sent to the donors.</i>
Sean Haffey		

Senator Thatckuk asked if Goldcorp was paying for the two awards listed under their name.

Senator Burr confirmed that they have agreed to pay for these awards for at least 3 years, which is the minimum commitment we will accept for an annual award.

Senator Thatchuk asked why an external award would be approved by UBC

The Registrar replied that the awards were being administered by UBC and the funds would be disbursed by UBC.

Senator Thatckuk asked if we had rules around editorial advertising for donors in awards, suggesting that this would be endorsement by the University of this language.

Senator Burr noted that some people did get carried away and we tried to encourage to cut that material as much as possible, but we do view some degree of descriptive language in the body of the award. He added that that we have gone back in cases of blatant advertising and we will not accept that sort of language.



Senator Harrison agreed with Senator Thatchuk, suggesting that this material could be dated and inaccurate in a few years.

Senator Thatchuk suggested that this could be taken as endorsement of a company and he was uncomfortable with doing so.

Senator Burr confirmed that Senator Thatchuk has similar concerns with other awards.

Senator Keown did not agree with a concern regarding there being an issue in the award language; suggesting that the language was factual.

Senator Holmes agreed it was factual but it this did not seem relevant to the award.

The Chair asked if a senator wished to refer the award back to the committee for review.

Senator Burr noted that this award wasn't out of line with others.

Senator Gattinger expressed a concern with referring the awards back as this could potentially cost several mining students some generous financial support for next year.

Senator Burr confirmed that this was possible.

Senator Haffey said that these award terms didn't seem that atypical and was more neutral as a few others being proposed.

Senator Krebs agreed that this didn't seem that different from other awards. We have a lot of awards with corporation names attached to them.

Senator Thorne said that we are in the middle of a capital campaign to support our students and a little self-aggrandizement was a reasonable price to pay; these did not seem past the line.

Senator Gattinger spoke in favour of approval, noting that Goldcorp was stating factual information about itself.

Senator Jaeger agreed, noting we could change the language later if the facts changed.

Senator Singh note the school preference made in the David KS Sam bursary and asked if this and matching funds were normal.

Senator Burr said that a school or location preference was fairly typical, but the matching funds from UBC were more unusual. This was more towards the specific end but because of the inclusion of anywhere from a Vancouver secondary school the award would have no difficulty in being granted.



The President noted the power of matching funds for donations as an important catalyst for gifts. He noted the use of matching funds to address gender imbalance for awards for scholar-athletes and help correct a historical imbalance.

Senator Burr confirmed for Senator Haffey that these were our first awards with a hashtag in the title.

Senator Sallahmohamed noted that there was no course in the MD program dedicated to medical microbiology so how the medical microbiology awards award would be assessed.

Senator Krebs said that all exam questions were tagged for subjects including medical microbiology.

NB: Mark Thatchuk voted against the motion

Approved

Joint Reports of the Admission and Curriculum Committees

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

NEW PROGRAM: BACHELOR OF SCIENCE IN FOOD AND RESOURCE ECONOMICS

Peter Marshall	}	<i>That the new Bachelor of Science in Food and Resource Economics (FRE) degree program and its associated new courses be approved.</i>
Ainley MacDougall		

Dr Marshall noted that this was an applied economics degree with science and business material. The Faculty already has a successful masters program in this area.

Senator Harrison asked what the effect of this program be on undergrad enrolment.

With permission of Senate, Dr Scamen said that they did not expect a large increase in students.

Approved

NEW PROGRAMS: MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY IN MEDICAL PHYSICS



Peter Marshall Sarah Park	}	<i>That the new Master of Medical Physics and the Doctor of Philosophy in Medical Physics degree program and its associated new course be approved.</i>
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Dr Marshall commented that although a new name, this was not a new program area for UBC: we've been teaching in this area since the 1950s.

Approved

NEW PROGRAM: MASTER OF URBAN FORESTRY LEADERSHIP

Peter Marshall Amber Shilling	}	<i>That the new Master of Urban Forestry (M.U.F.L.) degree program and its associated new course code and new courses be approved</i>
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Dr Marshall noted that this was an area where UBC already had undergraduate programming.

Approved

Curriculum Committee

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

FEBRUARY CURRICULUM PROPOSALS

See Appendix B: Curriculum Report

Peter Marshall Max Holmes	}	<i>That the new courses, new course code, revised courses, new minor, new major, new dual degree programs, revised programs, and revised program options, brought forward by the faculties of Applied Science, Arts, Commerce and Business Administration, Education, Forestry, and Graduate and Postdoctoral Studies (Applied Science, Arts, Commerce and Business Administration, Education, Forestry, Medicine</i>
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and Science) and Land and Food Systems be approved.

Approved

Nominating Committee

The Chair of the Senate Nominating Committee, Dr Richard Tees, presented.

MEMBERSHIP OF THE AD HOC COMMITTEE ON ACADEMIC DIVERSITY AND INCLUSIVITY

Richard Tees	}	<i>That Peter Marshall, Anne Murphy, Santokh Singh, Jakob Gattinger (Student Member of Senate), Marium Hamid (Student Member of Senate), Sara-Jane Finlay, Paola Baca, Debra Martel, Dorine Akwiri (Student), and Jeannie Malone (Student) be appointed to the Ad Hoc Committee on Academic Diversity and Inclusivity until replaced.</i>
Kevin Doering		

Senator Thatchuk noted that the committee was perhaps not balanced for gender.

Several senators questioned the assumption of genders based upon names and appearances.

Senator Doering spoke in favour of the committee.

The Acting Secretary, Mr Eaton, noted an error in the distributed motion and advised that the Nominating Committees recommendation was also to add Senator Thatchuk to the committee.

By general consent, the motion was amended to add Mark Thatchuk as a member.

Approved as
Amended

Reports from the Registrar

2018/2019 ACADEMIC YEAR.



Dr Kate Ross presented on the key dates in the next academic year; she noted that unfortunately we would need to start term 2 on January 2nd as alternatives were not possible given constraints.

Senator Holmes asked if a Term 1 Reading break was possible next year.

Dr Ross replied that this was still being looked at by the Academic Policy Committee

CONFIRMATION OF EMAIL CONSENT TO NOMINATING COMMITTEE RECOMMENDATIONS

Dr Ross confirmed for Senate that the following two resolution that were distributed by email on 8 February 2018 to all Senators had resulted in no objections and thus were considered approved:

That Dr Susan Forwell be appointed to the President's advisory Committee for the Selection of a Vice-President Finance and Operations.

That Dr Sue Grayston be appointed to the President's advisory Committee for the Selection of a Vice-President Development and Alumni Engagement.

Other Business

Senator Doering spoke to a document (Senate 2020) distributed by the student members of Senate that spoke to their priorities over this triennium. He noted that the goal of this document was to inform student and Senate of student initiatives, and that the Administration and Senate were already working towards many of these goals.

Dr Ono thanked the students for the document and the students' work.

Senator Thachuk said it was well written and he was much in agreement with it; he asked if the students had a way of prioritizing their goals?

Senator Doering said that he wasn't comfortable answering that without speaking with his colleagues.

Senator Krebbs asked if this could be looked at by the relevant committees.

The President said we'd make sure it was brought to the committees.

In reply to a question, Mr Eaton advised that term limits were instituted for the Board of Governors in the *University Act* as part of the Duff-Berdahl Report implementation but a deliberate decision was made to not extend that to the Senate as continuity was viewed as integral to its operations and unlike the mostly-appointed Board, a majority of the Senate was elected.



Approved

Adjournment

Seeing no other business, the meeting was adjourned at 7:55 pm.



Appendix A: Awards Report

NEW AWARDS – ENDOWED

John C. Armstrong, QC Bursary in Law

Bursaries totalling \$2,000 have been made available through an endowment established by John Armstrong, QC, along with matching funds from the University of British Columbia, to JD students studying in the Peter A. Allard School of Law. John is an alumnus of the Allard School of Law class of 1964. The bursaries are adjudicated by Enrolment Services. (First award available in the 2018/19 winter session.)

Patrick and Beryl Campbell Centennial Leaders Award

A \$20,000 renewable entrance award has been made available through an endowment established by the Patrick and Beryl Campbell Charitable Trust, along with matching funds from the University of British Columbia, to undergraduate students entering university directly from secondary school or transferring from another post-secondary institution to an undergraduate program of study. Recipients are academically qualified Canadian citizens or permanent residents of Canada, with preference to students who would not be able to attend UBC without financial assistance. In addition to academic merit, consideration is given to leadership skills, community service and recognized extra-curricular achievement. Subject to continued academic 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). As an engineer, UBC alumnus Patrick David Campbell (BASc 1947) enjoyed a career that took him from construction sites in remote corners of the world to the role of president of an international pipeline company. Pat and his wife, Beryl, recognized that education provides a foundation for success, and so made a commitment to support accessible education through their philanthropic trust. The awards are made on the recommendation of the Centennial Scholars Entrance Award Committee. (First award available in the 2018/19 winter session.)

Katie and Frank Chang Memorial Prize in Brain Health

Prizes totalling \$1,000 are made available through an endowment established by family and friends in memory of Katie and Frank Chang. The prizes recognize graduating MD students with a strong academic record who plan to pursue brain health as a part of their postgraduate training. The prizes are made on the recommendation of the Faculty of Medicine. (First award available in the 2018/19 winter session.)

Dennis and Daphne Martin Bursary in Engineering

Bursaries totalling \$2,000 have been made available through an endowment established by Daphne Martin, along with matching funds from the University of British Columbia, to students studying engineering in the Faculty of Applied Science. Dennis Martin studied Geological



Engineering at UBC (BASc 1973) and went on to receive his MSc (1978) and PhD (1993) from Imperial College in London, England. He became internationally renowned as a consultant engineer, particularly for his work in slope stability, and was a major supporter of UBC's Geological Engineering program as a teacher and mentor. His wife, Daphne, received a BA (Econ.) from UBC in 1972. The bursaries are adjudicated by Enrolment Services. (First award available in the 2018/19 winter session.)

Djavad Mowafaghian Presidential Scholar Award

Two renewable awards of \$20,000 each per year, totalling up to \$80,000 per student over four years have been made available through an endowment established by the Djavad Mowafaghian Foundation, for domestic students of academic distinction entering an undergraduate program at UBC 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. Subject to maintaining scholarship standing, the award will be renewed for a further three years of study or until the first undergraduate degree is obtained (whichever is the shorter period). The award is made on the recommendation of Enrolment Services. (First award available in the 2018/19 winter session.)

David K.S. Sam Bursary

Bursaries totalling \$2,220 have been made available through an endowment established in memory of David K.S. Sam (BComm 1982) by his wife Melinda, their two children Samantha and Joshua, and family friends, along with matching funds from the University of British Columbia, for undergraduate students entering UBC who demonstrate financial need. Having immigrated to Canada in his early childhood with few resources, David was always grateful for having been given the opportunity to establish a successful career in finance with Toronto Dominion Bank. It was always in David's heart to help others, especially young people who needed what he called a "hand up, not a hand out." He was a humble, kind and gentle soul who was beloved by all who knew him. Preference in descending order will be given to graduates of the following high schools: John Oliver Secondary, Eric Hamber Secondary, or a Vancouver School Board high school. The bursaries are adjudicated by Enrolment Services. (First award available in 2018/19 winter session.)

NEW AWARDS – ANNUAL

Chartered Professional Accountants' Education Foundation Tom Kennedy Memorial Scholarship

A \$1,000 scholarship is offered annually in memory of Tom Kennedy to an outstanding student entering their fourth year in the Accounting Option of the Sauder School of Business. The recipient must express an intent to become a Chartered Professional Accountant (CPA). The



award is made on the recommendation of the Sauder School of Business. (First award available in the 2018/19 winter session.)

Chartered Professional Accountants' Education Foundation Lam A. Milne Memorial Scholarship

A \$1,000 scholarship is offered annually in memory of Lam A. Milne to an outstanding student entering their fourth year in the Accounting Option of the Sauder School of Business. The recipient must express an intent to become a Chartered Professional Accountant (CPA). The award is made on the recommendation of the Sauder School of Business. (First award available in the 2018/19 winter session.)

Goldcorp #DisruptMining Award

Three awards of \$10,000 each are offered annually by Goldcorp to undergraduate and graduate students in the Faculty of Applied Science who have demonstrated an interest in fostering growth in innovation and disruptive thinking with the potential to benefit the global mining industry. Preference is given to students who are executing a project and/or pursuing research that addresses the challenges faced by the mining industry. These challenges can include increasing the long-term pipeline for metal and mining projects, enhancing production, lowering costs, strengthening safety, enhancing stakeholder support, reducing environmental footprint, facilitating open and transparent markets, and others. Goldcorp is a senior gold producer based out of Vancouver. The company has six mines and four development projects, employing over 15,000 people across the Americas. The awards are made on the recommendation of the Faculty of Applied Science, and in the case of graduate students, in consultation with the Faculty of Graduate and Postdoctoral Studies. (First award available in the 2018/19 winter session.)

Goldcorp #DisruptMining Leadership Award

A \$20,000 award is offered annually by Goldcorp to an undergraduate or graduate student in the Faculty of Applied Science who demonstrates leadership skills by engaging in industry events, student activities and/or projects that address challenges faced by the mining industry. These challenges can include increasing the long-term pipeline for metal and mining projects, enhancing production, lowering costs, strengthening safety, enhancing stakeholder support, reducing environmental footprint, facilitating open and transparent markets, and others. Preference is given to First Nations, Inuit, or Métis students of Canada. Goldcorp is a senior gold producer based out of Vancouver. The company has six mines and four development projects, employing over 15,000 people across the Americas. The award is made on the recommendation of the Faculty of Applied Science, and in the case of graduate students, in consultation with the Faculty of Graduate and Postdoctoral Studies. (First award available in the 2018/19 winter session.)

Goldcorp Women in Mining Engineering Award



A \$20,000 award is offered annually by Goldcorp to a female student enrolled in the Bachelor of Applied Science program in Mining Engineering. The recipient of this award will demonstrate academic excellence, disruptive thinking, and leadership skills inspiring the next generation of global mining innovators. Goldcorp is a senior gold producer based out of Vancouver. The company has six mines and four development projects, employing over 15,000 people across the Americas. The award is made on the recommendation of the head of the Department of Mining Engineering. (First award available in the 2018/19 winter session.)

Minerva BC Champions for Women in Engineering Bursary

Bursaries totalling \$10,000 are offered annually, through a partnership between the Minerva Foundation for BC Women and the Faculty of Applied Science, to support undergraduate female engineering students in any department or program who demonstrate financial need. Preference will be given to (1) First Nations, Inuit or Métis women of Canada or (2) single mothers. The Minerva BC Champions include the following individuals and their families, who have made the elevation of women in leadership through education the hallmark of their legacy: Jacqueline Frewin, Janet Fleck Ladner, Jocelyne Bourassa, Randy Sung, Suzanne Lee, Thomas Kinloch, the Harrison Buitenhuis family, and the Rix family. The bursaries are adjudicated by Enrolment Services. (First Award Available 2018/19 Winter Session).

PREVIOUSLY APPROVED AWARDS WITH CHANGES IN TERMS OR FUNDING SOURCE

7332 – Peter M. Lansdorp Bursary

Proposed Award Description

A bursary of Bursaries totalling \$12,200 has been endowed have been made available through an endowment established by Professor Dr. Peter M. Lansdorp through his company, Camosun Biotechnology Inc., for a students in any year or Faculty who is are in need of financial assistance to begin or continue his or her their post-secondary education, in amount(s) no less than the recipients' tuition for the year.

Rationale for Proposed Changes

At the request of the donor, the award description is being revised to reflect Dr.

Lansdorp's preference to provide bursaries that are no less than one year's tuition to benefit multiple students as the principal of the endowment continues to grow.

3290 – Medical Microbiology Prize

Proposed Award Description

A \$800 prize has been endowed by the Division of Medical Microbiology, Faculty of Medicine. The prize is offered awarded to the MD student attaining the highest standing in FMED 401



(Host Defense) **medical microbiology** and is made on the recommendation of the Department of Pathology and Laboratory Medicine.

Rationale for Proposed Changes

In collaboration with the Faculty of Medicine and Enrolment Services, the criteria for student selection has been revised to account for changes to curriculum as FMED 401 no longer exists.

5143 – Go Global Self-Initiated Research Award

Proposed Award Description

Awards valued up to \$2,000 each are offered to domestic undergraduate **and international** UBC students participating in recognized student activities through self-initiated international research placements arranged by Go Global. Awards are made on the recommendation of the Go Global International Learning Programs.

Rationale for Proposed Changes

The award description is being updated to reflect that this award is available to domestic and international undergraduate and graduate students.



Appendix B: Curriculum Report

FACULTY OF APPLIED SCIENCE

New course

PLAN 341 (3) Smart Cities: Concepts, Methods and Design.

FACULTY OF ARTS

New courses and revised academic regulations

ASIA 323 (3) History of Cantonese Worlds;
HIST 377 (3) History of Cantonese Worlds;
ENGL 247 (3) Television Studies;
ENGL 248 (3) Mystery and Detective Fiction;
ENGL 327 (3-6) d Cognitive Approaches to the Study of Meaning;
ENGL 365 (3-6) d Modernist Literature;
ASIA 312 (3) Buddhism in Korea;
ASIA 345 (3) Chinese Film Classics;
ASIA 407 (3) North Korea in Historical Context;
ARTH 381 (3) The Artist in the World;
ENGL 334 (3-6) d Literature and the Archive;
ENGL 335 (3-6) d Digital Humanities;
ENGL 336 (3-6) d Print Culture and Media Studies;
ENGL 337 (3-6) d Text and Image;
ENGL 338 (3-6) d Literature and Science;
ENGL 339 (3-6) d Trauma and Memory: Literature, Performance and Theory;
ENGL 360 (3-6) d Early Canadian Writing;
ENGL 370 (3-6) d Literatures and Cultures of Africa and the Middle East;
ENGL 379 (3-6) d Migrations, Movements, and Transnational Networks in Literary and Cultural Production;
GEOG 313 (3) Environmental Justice and Social Change;
GEOG 314 (3) Analysing Environmental Problems;
POLI 379 (3/6) d China in World Politics;
POLI 424 (3/6) d Ethics in Democratic Politics;
ACAM 250 (3) Asian Canadians in Popular Culture;
GRSJ 315 (3) Critical Racial Theories;
GRSJ 316 (3) Queer and Trans of Colour Theorizing;
GRSJ 415 (3) Critical Racial and Anti-Colonial Feminist Approaches;
BIE>Academic Regulations.

FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION

Revised program option, new and revised courses

UBC Bachelor of Commerce Dual Degree with Sciences Po Program Option;
COEC 294 (3) Managerial Accounting;
COMM 294 (3) Managerial Accounting.

FACULTY OF FORESTRY

New dual degree programs, program option and new courses



Dual Degree Program in Forest Sciences and Education;
Dual Degree Program in Natural Resources Conservation and Education; Land One Cohort Option;
FRST 101 (3) Principles of Microeconomics for Forestry and Land and Food Systems;
FRST 110 (3) Land One: First-year Integrative Seminar;
FRST 150 (3) Scholarly Writing and Argumentation in Forestry;
WOOD 488 (3) Wood Products Design and Development I;
WOOD 489 (3) Wood Products Design and Development II;
UFOR 101 (3) Urban Forest Inventory and Assessment;
UFOR 201 (3) Introduction to Urban Forest Design;
UFOR 316 (3) Trees and Shrubs in Landscape;
UFOR 495 (3) Biodiversity in Urban Areas.

FACULTY OF GRADUATE AND POSTDOCTORAL STUDIES

Applied Science

New courses

APSC 520 (6): Co-op Work Term I;
APSC 521 (6): Co-op Work Term II;
APSC 522 (6): Co-op Work Term III

Arts

New course code and new courses

COLX Computational Linguistics;
COLX 521 (1) Corpus Linguistics;
COLX 523 (1) Advanced Corpus Linguistics;
COLX 525 (1) Computational Morphology;
COLX 527 (1) Advanced Computational Morphology;
COLX 531 (1) Machine Translation;
COLX 533 (1) Advanced Machine Translation;
COLX 535 (1) Parsing for Computational Linguistics;
COLX 561 (1) Computational Semantics;
COLX 563 (1) Advanced Computational Semantics;
COLX 565 (1) Sentiment Analysis;
COLX 581 (1) Natural Language Processing for Low-Resource Languages;
COLX 585 (1) Trends in Computational Linguistics;
COLX 595 (6) Capstone Project;
POLI 567 (3/6) d Norms and Ethics in World Politics

Commerce and Business Administration

New courses

BAEN 548 (1.5) Social Entrepreneurship;
BAEN 549 (1.5) Innovation and Sustainability;
BAFI 519 (1.5) Topics in Investment Management;
BAHR 517 (1.5) Business Communications;
BASM 510 (1.5) Consulting Simulation

Education

New course



EDCP 533 (3) Health, Outdoor and Physical Experiential Education Curriculum, Pedagogy and Place in the Elementary School

Medicine

New courses

BIOC 552 (1.5) Membrane Proteins;
BIOC 553 (1.5 credits) Advanced Topics in Lipid Biology;
BIOC 554 (1.5) Nucleic Acids: DNA/RNA Structure and Function;
BIOC 555 (1.5) Epigenetics;
BIOC 557 (1.5) Advanced Topics in Biochemistry;
BIOC 558 (1.5) Advanced Topics in Protein Chemistry I;
BIOC 559 (1.5) Advanced Topics in Protein Chemistry II;
BIOC 560 (1.5) Computational Approaches in Biochemistry.

Science

New program option

Master of Data Science Computational Linguistic Option

FACULTY OF LAND AND FOOD SYSTEMS

New program options, new minor, new major, and new courses

Land One Cohort Option;
LFS 110 (3) Land One: First-year Integrative Seminar;
LFS 101 (3) Principles of Microeconomics with Applications to Land and Food Systems;
Minor in Fermentations; Sustainable Agriculture and Environment Major;
GRS 300 (3) Global Water and Energy Nexus