



VANCOUVER SENATE

MINUTES OF 16 NOVEMBER 2016

Attendance

Present: Dr S. Ono (Chair), Dr K Ross (Secretary), Dr P. Adebar, Dr R. Anstee, Dr S. Avramidis, Dr K Baimbridge, Mr M. Bancroft, Ms E. Biddlecombe, Dr L. Burr, Ms L. Castro, Ms D. Coulbourn, Mr N. Dawson, Mr. B. Fischer, Dr S. Forwell, Dean B. Frank, Dr J. Gilbert, Prof. B. Goold, Mr S. Haffey, Dean K. Harrison, Dr P. Harrison, Ms M. Huang, Ms M. Huron, Mrs C. Jaeger, Dr P. Keown, Ms H. Kwan, Dr B. Lalli, Mr D. Lam, Mr H. Leong, Dr P. Loewen, Dr K. Lo, Dr D. MacDonald, Mr K. Madill, Ms A. Maleki, Dr C.W. Marshall, Dr P. Marshall, Dr W. McKee, Dean S. Peacock, Dr A. Richardson, Dr L. Rucker, Dr C. Ruitenberg, Mr I. Sapollnik, Dr B. Sawatzky, Dr S. Singh, Mr J. Solis, Dr R. Sparks, Mr J. Spiedel, Dr R. Tees, Dr S. Thorne, Dr L. Walker, Ms K. Williams

Regrets: Mr T. Ahmed, Dr H. Brock, Dr A. Collier, Dean M Coughtrie, Dean C. Dauvergne, Dr A. Dulay, Dr W. Dunford, Dr D. Gillen, Dr C. Godwin, Chancellor L. Gordon, Dean R. Helsley, Dean J. Innes, Dr A Ivanov, Ms T. Johnson, Dean D. Kelleher, Dr S. Knight, Dr P Meehan, Mr W McNulty, Dr C Naus, Dr C. Nislow, Dean M. Parlange, Dr N. Perry, Dr G. Peterson, Dean S. Porter, Dr A. Redish, Dr A Riseman, Dr T. Schneider, Dean C. Shuler, Ms S. So, Ms D. Tse, Dr R. Wilson, Dr D. Witt, Dean R. Yada, Mr S. Zbarsky

Clerk: Mr C. Eaton.

Call to Order

The Chair of Senate, Dr Santa J Ono, called the third regular meeting of the Vancouver Senate for the 2016/2017 Academic Year to order at 6:04 pm.

Minutes of the Previous Meeting

Richard Tees	}	<i>That the Minutes of the Meeting of 19 October 2016 be adopted as corrected.</i>
Lawrence Burr		

Correction: Senator Gilbert was present, Dr McNulty should read Mr McNulty

Approved

Business Arising from the Minutes

CHANGE TO THE RULES AND PROCEDURES OF SENATE

Richard Anstee
Sean Haffey

}

That Senate amend its Rules and Procedures to add a new section to follow Section 29 to read as follows: Section 29 notwithstanding, any Senator appointed to a committee of Senate may ask -by giving written or verbal notice through the Secretary or the Committee Chair - that a matter proposed for approval by that committee under delegated authority of Senate be not considered under that delegated authority and instead be brought to Senate for approval. This section shall not apply to an appeal or otherwise confidential matter before a Committee.

Approved

Remarks from the Chair

Dr Ono noted that this was the end of his first three months as President & Vice-Chancellor of the University, and thanked UBC for his welcome. He updated the Senate on initiatives in his office: the selection of a faculty Senior Advisory would be announced shortly, a variety of town halls were being organized, and a new communications staff person would be joining the President's office to help with liaising with faculty and other members of the University community.

Following this, we will start the ideation process to form our next strategic plan; he expected that it would take until at least the summer time before a plan could be formed and brought to the Board of Governors for their consent as well as support for necessary funding plans. We need to focus on people. We have a talented student body, and we need to think about how we can make their entire experience richer and rewarding. It would be fundamental throughout the year to clearly articulate faculty priorities, both for their own purposes and to help develop University wide initiatives.

Finally, Dr Ono noted that this would likely be the foundation for a future capital campaign for UBC.

Senator Singh expressed that he liked the consultative idea, but asked if it would be entirely focused on academics. He noted that safety and security of students was an ongoing concern.

The President replied that these were ongoing concerns for the University that the administration had to work on, but this would be focused on teaching and research, the core activities of the University.

Tributes Committee

DR JOHN CHAPMAN

Dr. John Chapman was born in Poole, in the United Kingdom, in 1923. He joined the Royal Air Force in 1942, serving as a flight instructor and as a member of the Tactical Air Force and Ferry Command. Following the war, he earned an MA in Geography at Brasenose College, Oxford, in 1947 and was appointed a Junior Instructor in Climatology at UBC in the same year. Dr. Chapman went on to earn a Ph.D. from the University of Washington.

Dr. Chapman was appointed a Junior Instructor in Climatology at UBC in 1947. In 1968, Dr. Chapman became the second person to be appointed Head of the Department of Geography, a post he held until 1974. His research interests included the climate of British Columbia, economic geography, and energy policy. Over the course of his distinguished career, he served as an Executive Member of BC Natural Resources, Chairman of the founding board of the Pacific Marine Institute, President of the Canadian Association of Geographers, Chair of the Pacific Science Congress, and Canadian Delegate to the Geographic Union Congress. Dr. Chapman also played an important role in the development of the post-secondary education system in British Columbia, both at UBC and around the Province. In addition to his nine years as a Senator, he also served as UBC's academic planner. Dr. Chapman was also selected to join a team established by the Provincial government to develop a plan for expanding post-secondary education within the Province. This group produced the influential Macdonald Report in 1962, leading to the creation of Simon Fraser University and the transition of Victoria College into the University of Victoria.

Dr. Chapman continued to play an important role in guiding British Columbia's system of post-secondary education following his retirement from UBC in 1988. He served as a member of the Board of Vancouver Community College, Chair of the education committee of the BC Association of Colleges, Director of legislative committees for the BC Ministry of Education (Later the BC Ministry of Advanced Education), and Chair of the Academic Council for BC Open Learning. From 1990-93, Dr. Chapman played an important role in the founding of the University of Northern British Columbia, from which he later received an honorary LL.D. In addition to his many academic achievements, Dr. Chapman also played a central role in Canadian field hockey. In addition to playing the sport, he was instrumental in the growth of the game in Canada, serving as President of the Canadian Field Hockey Association from 1972-74.

To his family and friends, the Senate and The University of British Columbia offer their condolences and thanks.

DR MYER BLOOM

A pioneer in the field of Nuclear Magnetic Resonance, Dr. Myer Bloom was a member of the UBC Physics Department from 1956 until his retirement 1993. He served as a Senator for three years from 1966-1969.

Dr. Bloom was born in Montreal, Quebec in 1928. He received a B.Sc. in 1949 and an M.Sc. in 1950, both from McGill University, before completing his Ph.D. at the University of Illinois at Urbana-Champaign in 1954. From 1954-56, Dr. Bloom held a post-doctoral appointment at the Kamerlingh Onnes Laboratories at the University of Leiden.

First appointed to the Department of Physics at UBC as a research associate in 1956, Dr. Bloom was appointed an assistant professor in 1957, an associate professor in 1960, and finally a full professor in 1963, a position he held for thirty years until his retirement. During his career at

UBC, Dr. Bloom held a number of visiting professorships at institutions around the world, including Harvard University, Kyoto University, the University of Paris Sud, the University of Rome, and the Danish Technical University.

Dr. Bloom's research focused on the field of Nuclear Magnetic Resonance. He made many important contributions to the field, including the first observation of free magnetic induction in pure quadrupole resonance. Later in his career, Dr. Bloom shifted his focus to the application of Nuclear Magnetic Resonance to biological membranes, establishing the field of the physics of soft materials. He went on to become the founder and director of the Program on the Science of Soft Structures and Interfaces at the Canadian Institute for Advanced Research.

Throughout his career, Dr. Bloom received many prestigious awards and distinctions, including the Sloan and Guggenheim Fellowships, the Steacie Prize, the Gold Medal of the Canadian Association of Physics and the Canada Council Killam Memorial Prize for Natural Sciences. Dr. Bloom was a Fellow of the Royal Society of Canada, the American Physical Society and the Canadian Institute of Advanced Research. He has been awarded honorary degrees by Concordia University, and by the Technical University of Denmark.

In 2014, Dr. Bloom published a book of personal recollections titled, *Lucky Hazards: My Life in Physics*.

To his family and friends, the Senate and The University of British Columbia offer their condolences and thanks.

DR ROBERT BLAKE

Having completed a B.Sc. at the University of Bristol and received his Ph.D. from the University of Cambridge, Dr. Robert Blake was appointed to the Department of Zoology in 1979 at the age of 25. He worked predominantly on integrating aspects of the biology of aquatic animals with biomechanics, and was an expert on fish locomotion, including the practical use of fish locomotory designs as biomimetic models for autonomous underwater vehicles.

Dr. Blake represented the Faculty of Graduate Studies as a Senator from 1999 until 2002, and was an active member of the Faculty Association, serving as its vice-president from 1994-1996, and as its president from 1996-1998. He was inducted to the Quarter Century Club in 2005, and retired in 2012.

To his family and friends, the Senate and The University of British Columbia offer their condolences and thanks.

Sally Thorne
Richard Anstee

} *That Senate approve the Memorial Minutes for Dr. John Chapman, Dr. Myer Bloom and Dr. Robert Blake, that they be entered into the Minutes of Senate and copies be sent to the family of the deceased.*

Approved

Candidates for Degrees

Ho Yi Kwan	}	<i>That the candidates for degrees and diplomas, as recommended by the faculties, be granted the degrees for which they were recommended, effective November 2016, and that a committee comprised of the Registrar, the dean of the relevant faculty, and the Chair of Senate be empowered to make any necessary adjustments.</i>
Philip Loewen		

Approved

Academic Policy Committee

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

REVISIONS TO GRADUATE AND POST-DOCTORAL STUDIES' ACADEMIC REGULATIONS

Paul Harrison	}	<i>That Senate approve the proposed revisions to the Faculty of Graduate and Post-Doctoral Studies' Academic Regulations sections of the Academic Calendar as set out in the attached forms.</i>
Robert Sparks		

Dr P. Harrison explained that the proposed changes were intended to better guide students around academic standing, discipline and appeals.

Approved

Admissions Committee

The Committee Chair, Dr Robert Sparks, presented.

FACULTY OF GRADUATE & POSTDOCTORAL STUDIES: ADMISSION TO DOCTORAL PROGRAMS

Robert Sparks	}	<i>That Senate approve changes in admission requirements for applicants to doctoral degree programs in the Faculty of Graduate and Postdoctoral Studies, effective for the 2016 Winter Session and thereafter.</i>
Richard Anstee		

Dr Sparks noted that two sets of changes were included, one changing the transfer arrangements from a master of a doctoral program, and the second for students entering doctoral programs directly from undergraduate degrees. For the first, the credit requirement has been reduced from

12 to 9, but a 12 credit probationary requirement is added. For the second, an honours degree was previously required but not all programs had honours options and top students in those programs could not directly enter doctoral programs. We are removing that limitation but adding a 2 year probationary period.

Senator Haffey asked if the proposal was retroactive.

Senator Walker advised that the intent was to allow it to be used for admission from January onwards.

Senator Singh asked how high level of research standing was assessed; in particular, he asked if there was there a particular level of competency required for a bachelors graduate entering a doctoral program?

Dr Walker advised that this would be determined by the grad program; this could be evidenced by a thesis, but also by direct research or studies.

Senator Loewen asked what would happen to a doctoral student who fails to meet the probationary requirements.

Dr Walker advised that depending on performance, they could be transferred to a master program or be asked to withdraw.

Approved

**CHANGES TO UNDERGRADUATE DIRECT-ENTRY PROGRAMS ADMISSION REQUIREMENTS:
FIRST NATIONS STUDIES 12**

Robert Sparks
Lawrence Walker

}

That Senate approve the use of BC First Nations Studies 12 to satisfy the Social Studies 11 admission requirement and as an approved Grade 12 course for applicants following the BC/Yukon secondary school curriculum, effective for admission to the 2017 Winter Session and thereafter.

Dr Sparks advised that presently the course is used for either requirement but not both. There already a small number of courses that can be used to meet 2 requirements, namely Biology 12 and several languages courses. In this instance, BC First Nations Studies 12 ranks highly in its predictability for success in first year. Every year, the Registrar's office correlates high school courses with first year success, and this course tops the list frequently, often above English, Physics and Math 12. Dr Sparks also noted that such a change aligns well with the University's strategic priorities in encouraging aboriginal enrolment.

Approved

Awards Committee

See Appendix A: Awards Report

Dr Lawrence Burr, Chair of the Committee, presented.

NEW AND REVISED AWARDS

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>
Susan Forwell		

Senator Burr noted that \$74 000 in new student aid was proposed for approval this month.

Approved

Curriculum Committee

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

See Appendix B: Curriculum Report

NOVEMBER CURRICULUM REPORT

Peter Marshall	}	<i>That the new course brought forward by the Faculty of Graduate and Postdoctoral Studies (Medicine) be approved.</i>
Carol Jaeger		

Approved

Joint Report of the Admissions and Curriculum Committees

Senator Marshall presented on behalf of the Senate Curriculum and Admissions Committees.

NEW PROGRAM: SPECIALIZATION IN BIOMEDICAL ENGINEERING, IN THE BACHELOR OF APPLIED SCIENCE

See Appendix C: Professional Master of Business Administration

Peter Marshall	}	<i>That the new Bachelor of Applied Science in Biomedical Engineering degree program and its associated new courses be approved.</i>
Carol Jaeger		

Dr Marshall noted that there was quite a bit of detail provided in the package. At the last meeting of the Senate Curriculum Committee, there were some outstanding items around

consultations, and agreements have been reached that have not impacted for the formal program proposal.

Senator Jaeger explained that the new specialization, if approved, would be seeking accreditation as soon as possible. The program was developed in collaboration with the Faculty of Medicine. The cohort will have two common years, and in years 3 and 4 would follow one of 4 streams. Each stream relates to electrical, mechanical, computation, and biological engineering. Graduates could follow many paths, but there is a healthy biomedical and biotechnical industry in Vancouver, and graduate school or medical school would be options.

A student senator noted that Year 1 of the program went into the summer months and asked if that was a problem for a first year student not having a summer break given mental health concerns.

Senator Jaeger noted that we haven't specified yet when in the summer that would occur, and the faculty is increasingly viewing the end of the summer before the start of year 2 instead of at the end of year 1 as a better option. She suggested that students increasingly want content sooner and sooner in their degree programs and there is pressure to front load general content to allow for more specific content later.

The student senator cautioned that this would additionally present challenges for students who wanted to change programs.

Senator Singh noted that some department in Science had concerns with the development of the program.

Mrs Jaeger noted that discussions with Biology, Microbiology, and Botany had resolved those issues but conversations would continue in the spirit of continual improvement.

A student senator asked how students would apply for this program.

Mrs Jaeger advised that students would apply as any other for first year. They would be asked to express an interest in biomedical engineering in the same way that student can express an interest in pre-medical. Students would be eligible for a modified timetable as there was no distinction in term 1 and this would give some space for movement back and forth.

Senator P. Harrison asked why Applied Science still has an English requirement rather than a writing or communication requirement as the senate had encouraged in 2008.

Mrs Jaeger advised that this was in part due to accreditation requirements.

Dr P. Harrison noted that English was listed as being useful for admission to medical school and asked if this was the case in all cases. He suggested that this was too prescriptive.

Dr Marshall agreed to address this as an editorial change.

Dr P. Harrison asked why CHEM 123 was a pre-req for BMEG 210 when it was required in year 1 of the program.

Mrs Jaeger replied that this was to allow for a registration block for students who may have failed the first year course.

Dr P. Harrison expressed his concerns with how the current consultations had been described. There are ongoing consultations with the biology program as well as the department of Microbiology and Immunology. The Head of that department has not seen documentation that addresses why an overlapping course is needed. The way consultation was done at the last minute has been very dissatisfactory. We could have come together much better if there was earlier consultation.

Mrs Jaeger replied that there was an energetic and ambitious team in applied science.

Dr P. Harrison said that Science stood ready to help, but needed to be worked with earlier.

Senator Sapollnik noted that the program was described as 4 years but required mandatory co-op, so it was a 5 year program.

Mrs Jaeger said it was 4 years of academic content, and co-op was not necessarily mandatory if a student was unable to participate. Much like in Engineering Physics it was an expectation but not mandatory.

A student senator noted that engineering physics was marketed as a 5 year program, and suggested that this would be as well.

Dr Harrison advised that it technically was a 4 year program, but took 5 years because of the beneficial work experience. This was a difference between regulations and marketing.

Senator Dawson advised that students were consulted very late in this program. He stated that students were generally in favour with the program but wished to note their dissatisfaction with the process undertaken by Applied Science.

Dean Peacock advised that he could not vote for or against the proposal based on the poor consultative practices of Applied Science and thus would be abstaining.

Senator Biddlecombe asked if completion of the co-op program would be transcribed and on the parchment so that it aided in PEng status.

Mr Jaeger replied that yes it would.

Senator Dawson asked where the students would study while a new building does not yet exist.

Senator Jaeger advised that a goal of the faculty is to expand engineering but we would only admit students we had the space to educate.

Senator Dawson asked about the expansion of 100 seats.

Senator Jaeger replied that this would need new funding from either UBC or the Province.

Senator Sapollnik asked if APSC was moving away from accredited co-op;

Carol replied that they were considering it; Applied Science is hoping to broaden professional development and to allow credit to be accorded for it.

Approved

NB: The following senators asked for the abstention to the above resolution to be noted: Simon Peacock, Paul Harrison, Richard Tees, Paul Keown, Benjamin Fischer, Jeff Solis, Miranda Huron, William McKee, Mark Bancroft, Ian Sapollnik, Danika Coulbourn, Melina Huang, Jason Speidel, Santokh Singh, Lance Rucker, Susan Forwell, Erin Biddlecombe, Nick Dawson,

Nominating Committee

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

APPOINTMENTS TO THE PRESIDENT'S ADVISORY COMMITTEE FOR THE SELECTION OF A VICE- PRESIDENT ACADEMIC & PROVOST

Richard Tees	}	<i>That Dr Perry Adebar, Dr Sian Echard, Dr Janice Eng, and Dean John Innes be appointed to the President's Advisory Committee for the Selection of a Vice-President Academic & Provost.</i>
Robert Sparks		

Senator Tees noted that as suggested earlier this year, the Senate Nominating Committee had canvassed faculty members and students for additional nominees to be considered.

Senator Ruitenbergh asked if any of the nominees came out of the revised list of names.

Senator Tees replied one out of three.

Approved

APPOINTMENTS TO THE PRESIDENT'S ADVISORY COMMITTEE FOR THE SELECTION OF A VICE-PRESIDENT RESEARCH & INTERNATIONAL

Richard Tees	}	<i>That Dr Matthew Evenden and Dr Jean Shoveller be appointed to the President's Advisory Committee for the Selection of a Vice-President Research & International.</i>
Christopher Marshall		

Dr Tees advised that the same process was undertaken with this committee as with the Provost, and one of the two names proposed came from the revised list.

Approved

ADJUSTMENTS TO COMMITTEE ASSIGNMENTS

Richard Tees	}	<i>That Dr Christian Naus be appointed to the Senate Agenda Committee until 31 August 2017 and thereafter until replaced, to replace Dr Sally Thorne;</i>
Nick Dawson		

That Acting Dean Kathryn Harrison be appointed to the Senate Ad Hoc Committee on Flexible Learning until 31 August 2017, to fill a vacancy;

That Mr Jeff Solis be appointed to the Senate Curriculum Committee until 31 March 2017 and thereafter until replaced, to replace Ms Jolene Loveday; and

That Mr Jeff Solis be appointed to the Senate Library Committee until 31 March 2017 and thereafter until replaced, to replace Ms Jolene Loveday.

Approved

IN CAMERA – HONORARY DEGREES

Adjournment

There being no further business, the meeting was adjourned at 7:34 pm.

Appendix A: Awards Report

New Awards:

Glenn and Annetta AGNEW Bursary in Computer Science – Bursaries totalling \$4,000 are offered annually by the Glenn and Annetta Agnew fund, managed by the Vancouver Foundation, for undergraduate or graduate students in computer science or computer engineering who demonstrate financial need. The award is adjudicated by Enrolment Services. (First Award Available in the 2017/2018 Winter Session)

Glenn and Annetta AGNEW Bursary in Medicine – Bursaries totalling \$4,000 are offered annually by the Glenn and Annetta Agnew fund, managed by the Vancouver Foundation, for MD students who demonstrate financial need. The award is adjudicated by Enrolment Services. (First Award Available in the 2017/2018 Winter Session)

Glenn and Annetta AGNEW Science Co-op Award – Awards totalling \$4,000 are offered annually by the Glenn and Annetta Agnew fund, managed by the Vancouver Foundation, for Science Co-op students who demonstrate leadership in the UBC Science community or with their employer, and who have demonstrated financial need. The award is made on the recommendation of the Faculty of Science in consultation with Enrolment Services. (First Award Available in the 2017/2018 Winter Session)

Dr. Alexander C. E. AYLETT Graduate Research Award in Environmental Studies – A \$1,000 award is offered annually by friends and family in memory of Dr. Alexander C. E. Aylett (UBC MA 2004, PhD 2012). This award recognizes an outstanding graduate student in the fields of human geography or environmental geography whose work focuses on sustainable urban development. Financial need may also be considered. The award is made on the recommendation of the Department of Geography in consultation with the Faculty of Graduate and Postdoctoral Studies. (First Award Available in the 2016/2017 Winter Session)

Peter BRUNOLD Award of Excellence in Business – A \$5,000 award has been made available through an endowment established by Peter Brunold for an undergraduate student enrolled in the Bachelor of Commerce degree program in the Sauder School of Business. The award is for a student who has demonstrated academic excellence, is on the Dean's Honour Roll, and who would not be able to pursue a degree program without financial support. Preference will be given to a student with demonstrated leadership ability and involvement in the community. To be considered, candidates must be Canadian Citizens or Permanent Residents. The award is made on the recommendation of the Sauder School of Business in consultation with Enrolment Services. (First Award Available in the 2017/2018 Winter Session)

FREEDOM 55 Financial Fitness & Community Wellness Award – Two awards of \$2,500 each, are offered annually to students in 3rd year or a higher year of study with good academic standing, who demonstrate leadership and who are on a varsity athletic team. This award may be renewed provided the students maintain good academic standing and continue to be varsity athletes. The award is made on the recommendation of UBC Athletics. (First Award Available in the 2016/2017 Winter Session)

Neil FREEMAN Memorial Scholarship – A \$1,000 scholarship is offered annually by Julie Stockton in memory of her husband, Neil Freeman. Professor Emeritus Neil Freeman taught in the Department of Theatre and Film from 1991 to 2006. He was renowned for his unique approach to the unlocking of Shakespearean text for young actors. Students always left his classes with a new respect for Shakespeare and new insights in how to decipher the mysteries of the Bard. His research into the First Folio and his writing on the use of these texts for the actor changed the way Shakespeare is approached by thousands of actors around the world. The scholarship is given to an undergraduate or graduate student in theatre who shows exceptional aptitude for Shakespeare or advancement of Shakespearean research. The award is made on the recommendation of the Department of Theatre and Film and, in the case of a graduate student, in consultation with the Faculty of Graduate and Postdoctoral Studies. (First Award Available in the 2016/2017 Winter Session)

Murdoch Angus NICHOLSON Memorial Bursary in Medicine – A \$1,000 bursary has been made available through an endowment established by Elizabeth Nicholson and Allan Nicholson in memory of their father, Murdoch Angus Nicholson, for students in Medicine. Dr. Nicholson left school at 14 to work on the family farm but his sister encouraged him to finish high school and steered him in the direction of her vocation, teaching. After several years in that profession, he decided to go to university and found his passion - Medicine. He loved the daily challenge of diagnosing illnesses from often vague symptoms, of prescribing new drugs to previously untreatable diseases, and of learning about all the new advances in his field. He particularly enjoyed practicing in small communities as he was able to offer his patients everything from obstetrics to pathology. After graduating from the University of Toronto, he practiced in rural areas of Ontario before serving overseas during World War 2. During his basic training in Vernon, he discovered Vancouver and moved there in 1946 where he practiced for almost 30 years. This bursary is proudly offered in his memory. The award is adjudicated by Enrolment Services. (First Award Available in the 2017/2018 Winter Session)

PLANT a Seed & See What Grows Foundation Bursary in Land & Food Systems – A \$1,000 bursary is offered annually by the Plant a Seed & See What Grows Foundation to support an undergraduate student pursuing a BSc in Land & Food System's Food and the Environment program. Plant a Seed & See What Grows Foundation has created this award in support of their vision to strengthen the community's capacity to create a healthier generation through experiences that connect to the land and provide opportunities to improve our communities. The award is adjudicated by Enrolment Services. (First Award Available in the 2017/2018 Winter Session)

Sam RATTAN Suicide Awareness Award – A \$1,000 award is offered annually in honour of Sam Rattan to an outstanding student in the Master of Social Work program who has a demonstrated interest in mental health education and developing both critical and creative responses to assist efforts to address mental health distress and suicidal ideation/suicide. Sam Rattan was a bright 23-year-old who suffered from mental illness from his teenage years and ultimately succumbed to his illness by suicide. During this time, Sam's family encountered a lack of resources and education to support family members/friends in understanding mental illness so that they could help their loved one. To be considered, candidates must demonstrate community involvement, direct practice, and/or volunteer work with a specific focus on assisting

patients and families to navigate the health system. The award is made on the recommendation of the School of Social Work, in consultation with the Faculty of Graduate and Postdoctoral Studies. (First Award Available in the 2016/2017 Winter Session)

UNITED Nations Association of Canada MPPGA Young Professional Award – An award of \$2,500 will be given to the candidate(s) nominated by the Master of Public Policy and Global Affairs (MPPGA) program to participate in the United Nations Association of Canada International Development and Diplomacy Internship program (IDDIP). Students will be selected based on their academic achievements, their readiness to work abroad, and their expertise related to roles in the IDDIP. The award will be distributed upon successful signing of a Host Organization placement contract through the United Nations Association of Canada. The award is made on the recommendation of the Graduate Committee of the MPPGA in consultation with the Faculty of Graduate and Postdoctoral Studies. (First Award Available in the 2016/2017 Winter Session)

Maili WONG Award in Finance - A \$2,000 award is offered annually by Maili Wong for an outstanding undergraduate student enrolled in the Bachelor of Commerce degree program in the Sauder School of Business with specialization in Finance. This award is to recognize the competitive nature and the caliber of students who apply to the Sauder Portfolio Management Foundation Program but are not admitted to the program. Preference will be given to a female student who has shown strength in the face of adversity, upholds the values of honesty and integrity, and shows commitment to both personal and professional growth. (First Award Available in the 2016/2017 Winter Session)

UBC Vantage College Excellence Bursary (tuition) - Bursaries ranging in value up to the full annual cost of the student's academic program tuition and fees are offered upon recommendation by the International Student Initiative to continuing international undergraduate students who were previously awarded the UBC Vantage College Excellence Award and continue to demonstrate financial need but do not meet the Senate's criteria for a continuing award based on academic merit. The value of each bursary will depend on the applicant's financial circumstances. The bursary may be renewed for up to three additional years of undergraduate study or to degree completion, whichever is less, provided the recipient remains an international student on a valid Canadian study permit. Bursary recipients will have their situations reviewed annually by their Faculty as well as Enrolment Services regarding both academic progress and financial need.

UBC Vantage College Excellence Bursary (living costs) - Bursaries ranging in value up to the full cost of the student's living costs are offered upon recommendation by the International Student Initiative to continuing international undergraduate students who were previously awarded the UBC Vantage College Excellence Award and continue to demonstrate financial need but do not meet the Senate's criteria for a continuing award based on academic merit. The value of each bursary will depend on the applicant's financial circumstances. The bursary may be renewed for up to three additional years of undergraduate study or to degree completion, whichever is less, provided the recipient remains an international student on a valid Canadian

study permit. Bursary recipients will have their situations reviewed annually by their Faculty as well as Enrolment Services regarding both academic progress and financial need.

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

#1678 Lorraine DOUGLASS Prize in Condominium Law – A maximum of two prizes totalling \$850 have been made available through an endowment for students who have demonstrated academic excellence in the Peter A. Allard School of Law's Condominium Law course (Law 442). The awards are made on the recommendation of the Peter A. Allard School of Law.

Rationale for Proposed Changes – Type of Action: upon the donor's request, and in compliance with the donor's original intentions to support students' academic excellence in Condominium Law, we are changing the award title and award eligibility criteria accordingly.

International Undergraduate Students Short-Term Bursary – A limited number of bursaries are offered to continuing international undergraduate students who demonstrate significant and unanticipated, but short-term financial need. The value of each bursary will depend on the applicant's financial circumstances. Financial need assessments and the determination of a student's eligibility for the short-term bursary are undertaken by Enrolment Services in consultation with the International Student Initiative. (First Award Available in the 2016/2017 Winter Session)

International Undergraduate Students Long-Term Bursary – A limited number of bursaries ranging in value up to the full cost of the student's academic program and living costs are offered to continuing international undergraduate students who demonstrate a significant, unanticipated change in their financial circumstances, rendering them unable to continue their studies at UBC. In order to be eligible for bursary consideration, students must be in good academic standing. Preference in the selection of recipients will be given to students who also demonstrate engagement within the UBC community. The value of each bursary will depend on the applicant's financial circumstances. The bursary may be renewed for up to three additional years of undergraduate study or to degree completion, whichever is less, provided the recipient remains an international student on a valid Canadian study permit, shows academic progress as determined by their Faculty, and continues to demonstrate financial need. Bursary recipients will have their situations reviewed annually. Financial need assessments and the determination of a student's eligibility for the long-term bursary are undertaken by Enrolment Services in consultation with the student's Faculty and the International Student Initiative. (First Award Available in the 2016/2017 Winter Session)

Rationale for Proposed Changes – Type of Action: These revisions more accurately reflect the nature of the financial need eligible students will present as well as the approach the university will undertake to assess this financial need. The phrase "a limited number" has been added to each description to accurately reflect the fact that there is a limited amount of funding available for undergraduate international student awards and bursaries and that these students are not eligible for the guarantees Policy

72 provides domestic students. For the long-term bursary which is renewable, greater detail has been added to outline the conditions for renewing the bursary.

Appendix B: Curriculum Report

FACULTY OF GRADUATE AND POSTDOCTORAL STUDIES

MEDICINE

New Course:

MEDI 503 (3) Introduction to Clinical, Patient Oriented and Translational Research

Appendix C: New Program – Specialization in Biomedical Engineering in the Bachelor of Applied Science Degree

FACULTY OF APPLIED SCIENCE

New program and its associated new courses

Bachelor of Applied Science in Biomedical Engineering;
BMEG 101 (3) Introduction to Biomedical Engineering;
BMEG 102 (2) Biomedical Engineering Lab;
BMEG 150 (4) The Fundamental Units of Life: From Cells To Systems;
BMEG 201 (3) Technical Communication for Biomedical Engineers;
BMEG 210 (2) Thermodynamics in Biomedical Engineering;
BMEG 220 (4) Circuits and Electromagnetics with Application to Biomedical Engineering;
BMEG 230 (4) Biomechanics I;
BMEG 250 (4) Cellular Physiology and Biophysics;
BMEG 257 (4) Biomedical Engineering Design I;
BMEG310 (3) Introduction to Bioinformatics;
BMEG 320 (3) Bioengineering Feedback Systems and Controls;
BMEG 330 (3) Biomechanics II;
BMEG 350 (4) Human Structure/Function from Cells to Systems;
BMEG 357 (3) Biomedical Engineering Design II;
BMEG 370 (3) Cellular Responses to Forces and Biomaterials;
BMEG 371 (3) Transport Phenomena within Cells and Tissues;
BMEG 372 (3) Biomedical Materials and Drug Delivery;
BMEG 373 (3) Microfluidics; BMEG 390 (3) Medical Imaging;
BMEG 430 (3) Economics of Healthcare Solutions;
BMEG 450 (6) Biomedical Engineering Design Project;
BMEG 474 (3) Stem Cells and Regenerative Medicine