THE UNIVERSITY OF BRITISH COLUMBIA

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# VANCOUVER SENATE

## MINUTES OF 18 SEPTEMBER 2019

**DRAFT**

### Attendance

**Present:** S. Ono (Chair), K. Ross (Secretary), D. Agosti-Moro, G. Averill, T. Ahmed, S. Bates, J. Burnham, J. Chai, P. Choi, A. Collier, M. Coughtrie, C. Dauvergne, R. Djavanmardi, A. Dulay, S. Forwell, B. Frank, C. Godwin, A. Gonzalez, J. Greenman, S. Haffey, C. Hakim, R. Helsley, M. Holmes, M. Isaacson, A. Ivanov, C. Jaeger, D. Kelleher, C. Krebs, M. Kuus, P. Loewen, D. MacDonald, M. MacDougall, P. Marshall, S. Matsui, W. McKee, L. Milroy, A. Murphy, S. Ngo, J. Olson, T. Onifade, N. Pang, S. Porter, N. Rygnestad-Stahl, J. Shepherd, A. Sheppard, S. Singh, M. Stewart, L. Stothers, A. Szeri, A. Tanner, R. Tees, M. Thachuk, V. Tsang, G. Tsiakos, R. Ty, R. Yada, E. Zusman

**Regrets:** M Aronson, R. Housel, V. Bungay, L. Burr, G. Faulkner, B. Fischer, A. Fisher, I. Frigaard, J. Gilbert, S. Gilbert, L. Gordon, S. Grayston, V. Griess, P. Harrison, J. Innes, P. Keown, A. Kindler, M. Koehoorn, H. Leong, C. Marshall, W. McNulty, P. Meehan, C. Nislow, S. Parker, T. Rogers, C. Surniawan, S. Thorne, R. Topping.

**Clerk:** C. Eaton

### Call to Order

The Chair of Senate, Dr Santa J. Ono, called the first regular meeting of the Vancouver Senate for the 2019/2020 Academic Year to order at 6:03 pm.

### Senate Membership

The Registrar announced the following changes to the membership of Senate:

#### NEW MEMBERS

Dr Peter Choi, Representative of the Joint Faculties, to replace Dr Perry Adebar (resigned), until 31 August 2020 and thereafter until replaced.

Mr George Tsiakos, Representative of the Professional Librarians, to replace Mr Kevin Madill (resigned), until 31 August 2020 and thereafter until replaced.

#### RESIGNATIONS

A letter of resignation was received from Mr Matthias Leuprecht, Representative of the Students At-Large. The Alma Mater Society has been contacted to recommend a successor.

**VICE CHAIR OF SENATE**

The Registrar advised that Mr J. Maximillian Holmes was the only nomination received by the deadline, and thus he was acclaimed elected as Vice-Chair of the Senate for a term of no more than one (1) year.

**Minutes of 15 May 2019**

Richard Tees
Anthony Sheppard } *That the Minutes of the Meeting of 15 May 2019 be adopted as corrected.*

*Correction: Senator Choi should read as Senator Chai.*

Approved

NB Senators Averill and Tsiakos abstained.

**Remarks from the Chair**

The President and Chair of the Senate, Professor Santa J. Ono announced a major new faculty hiring program: the President's Academic Excellence Initiative (PAEI), which will be the largest recruitment of faculty in the history of UBC. Dr Ono advised that this would be achieved through a targeted increase in the UBC professoriate through new positions over the period to fiscal 2026/27. This is in addition to necessary annual hiring to replace retirements and general attrition at both campuses over the 7 years of the PAEI. The President suggested that the PAEI will align with our Strategic Plan, investing in UBC, setting out the opportunity and translating UBC's vision into action. This Initiative also reflects our commitment to supporting the university's transformative learning environment, providing students with an educational experience that is among the best in the world. Additional faculty and well-supported graduate students contribute to the teaching mission of the university for the benefit of all students.

Dr Ono mentioned that earlier this month he was thrilled to participate in the Imagine and Create orientation events at UBC's Vancouver and Okanagan campuses on September 3. At the orientation events, Dr Ono said he announced that the Blue & Gold Campaign has raised $100 million for student and that we have now doubled the campaign goal to $200 million.

The President stated that he was deeply honoured that the Government of Canada has appointed me to the Fulbright Canada Board of Directors. The Fulbright Foundation is a binational, treaty-based, non-governmental, not-for-profit organization with a mandate to identify the best and brightest minds in both countries and engage them in residential academic exchange. The Board

consists of 20 volunteer members who each sit for a three-year term. Ten members are citizens of the United States and appointed by the US Ambassador to Canada, and ten are Canadian citizens appointed by the Canadian Minister of Foreign Affairs. This program has seen 59 Fulbright alumni win the Nobel Prize and another 82 win the Pulitzer Prize.

Dr Ono informed Senate that earlier this week saw the official book launch for UBC: The Next Century, written by Tyee Bridge and published by Figure 1 Press. The book provides a look at UBC today, while celebrating the accomplishments of its people - its graduates, students, faculty, staff and supporters. UBC: The Next Century is available at the UBC Bookstore and other major bookstores.

UBC is hosting the Association of Pacific Rim Universities Senior International Leaders Meeting. The senior executives of 38 universities from 17 countries have gathered to discuss the theme of Advancing a Just, Sustainable, and Prosperous World: University Impact and the UN Sustainable Development Goals (a theme I also addressed recently in Times Higher Education.) In particular, we will discuss student mobility in relation to the SDGS, and how the APRU can contribute to the common good in the Asia-Pacific Region.

The President noted that on the following day, UBC would open the Exchange student residence. The new residence houses 651 students, as we continue to fulfil our commitment to provide affordable housing for students, faculty and staff. The Exchange Residence also features two additional first year commuter student collegia; a home away from home for students who get here by bus, by bike or by car.

Dr Ono noted that The University of British Columbia continues to be recognized on the world stage, improving its ranking by three spots to 34th globally in the latest Times Higher Education World University Rankings, released today. UBC's result is even more impressive in 2019 because THE World University Rankings includes more institutions than ever before -1,396 across 92 countries and regions, up from 1,258 universities across 86 territories last year. Against this backdrop, UBC places in the top 2.5 per cent of universities ranked globally. UBC had also moved up eight spots in the ARWU Academic Ranking of World Universities, from 43 to 35. The President said that he was proud of both UBC's global reputation, and of our amazing faculty, students and staff who have made us among the best in the world.

The President concluded by noting that he would be presenting to Musqueam a plaque commemorating our Statement of Apology that he made on behalf of UBC to residential school survivors in April 2018.

Senator Thachuk asked what stream the PAEI appointments would be in: research or educational leadership.

> Dr Ono said that there was a working group of governors, senators, and administrators that had been established to determine what numbers in each rank and stream; he expected a significant number will be in the research stream but it will not be exclusively

in that stream. He committed to providing regular updates to the Senate as this became clearer. The President suggested that we needed a diverse group of stakeholders involved in these conversations because even if we liberate funds to create new faculty hiring lines, success depends on having the necessary infrastructure to support those positions as well.

Senator Loewen said that it was exciting to hear of a targeted increase in PAEI. In terms of infrastructure, he suggested that in addition to office and laboratory space, another issue is childcare space.

Dr Ono said that there was an announcement earlier this week of a new provincial investment in childcare on campus from the province. This was around $3 million. UBC was already the largest childcare program in North America, but even with that there is more need that needs to be met.

Senator Holmes commended the President for the PAEI initiative, and especially the inclusion of graduate student and postgraduate students.

Senator Tees said that UBC Vancouver brought a lot of things to UBC Okanagan and that the collegium system was a good example of cross- fertilization back from Okanagan to Vancouver.

Senator Singh said that PAEI initiative was timely. He asked if we would also look at the Educational Leadership stream who contribute to the university.

Dr Ono said he valued tremendously the contribution of those who lead and excel at teaching. The working group is looking into what the mix should be. He will take this feedback to the working group.

**From the Board of Governors**

The President confirmed that material from the following meetings as approved by Senate were subsequently approved by the Board of Governors as required under the *University Act*:

**18 APRIL 2018:**
New awards
Curriculum proposals from the faculties of Applied Science, Arts, Graduate and Postdoctoral Studies, and Forestry Merger of the Faculty of Education (Vancouver) with the Faculty of Education (Okanagan) to form the Faculty of Education, establishment of Okanagan and Vancouver divisions of the Faculty of Education,
Establishment of the Okanagan School of Education, consequential changes to appointments, units, programs, and courses.

**16 MAY 2018:**
New awards

Curriculum proposals from the faculties of Applied Science, Arts, Graduate and Postdoctoral Studies, and Science Establishment of the Emeritus College

**Candidates for Degrees**

| | | |
|---|---|---|
| John Shephard<br>Anthony Sheppard | } | That the candidates for degrees and diplomas, as recommended by the faculties, be granted the degrees for which they were recommended, effective September 2019 or as otherwise specified in the recommendation, 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. |

Approved

**Tributes Committee**

A member of the Senate Tributes Committee, Dr Anne Murphy presented on behalf of Dr Thorne.

**MEMORIAL MINUTES FOR DRS HOLLING AND RESTREPO**

## Professor C. S. "Buzz" Holling

Dr. Crawford Stanley Holling, OC, FRSC, passed away on 16 August, 2019. Dr. "Buzz" Holling received his BA and MSc from the University of Toronto before finishing his PhD at the University of British Columbia in 1957. He worked for the Federal Government in both Ontario and British Columbia before joining the University as a Professor of Zoology in 1967. He served as a UBC Senator representing the Joint Faculties from 1969 to 1972. Dr. Holling served as the Director of the Institute of Resource Ecology at the UBC, as well as of the International Institute of Applied Systems Analysis in Vienna. He later served as the Arthur R. Marshall Jr. Chair in Ecological Sciences in the Department of Zoology University of Florida until his retirement in 1999.

Born on December 6th 1930 in New York State to Canadian parents, Dr. Holling was raised in Northern Ontario. There, as a teenager, he was a member of the Royal Ontario Museum's Toronto Junior Field Naturalists which was one of the first steps which led him to a career focused on nature. His early research focused on analysis of ecological processes, specifically the dynamics of predator/prey relationships. Later in his academic career his research focus shifted toward the theoretical and applied aspects of ecological systems and ecological policy as well as adaptive environmental assessment and management. The aim of his research was to blend the concepts of systems theory and ecology with simulation modelling and policy analysis.

Dr. Holling received many honours and awards in his lifetime. In 1966, he was awarded the Mercer Award from the Ecological Society of America and received an Eminent Ecologist Award in 1999. In 1970 he was elected as a Fellow of the Royal Society of Canada in Animal Biology. He received honourary Doctorates in Science from the University of Guelph in 1998, UBC in 2007, and Simon Fraser University in 2011. In 2008, he was awarded the Volvo Environmental Prize. In 2009, Dr. Holling was named an Officer of the Order of Canada for his pioneering contributions to the field of ecology, notably for his work on ecosystem dynamics, resilience theory and ecological economics.

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

**Dr. Rodrigo Alvaro Restrepo**

Dr. Rodrigo Alvaro Restrepo was born in Medellin, Colombia, on November 6, 1930. He earned a BA at Lehigh University in 1951, and then a PhD at Caltech in 1955. Dr. Restrepo passed away on May 8, 2019.

After briefly serving as a research fellow at Caltech, Dr. Restrepo joined the University of British Columbia as a lecturer in the Department of Mathematics in 1956. He rose steadily through the ranks, earning promotion to Professor in 1968. Collaborator Robert D. Cooter recalls that, "As a scholar, he was unusually thoughtful and broad in an age of specialization."

During his time at UBC, Professor Restrepo's undergraduate teaching earned exceptionally favourable reviews. He served the Department and the University actively throughout his appointment, including committee work that laid the foundations of the Department's democratic heritage. He also served on the University Senate as a representative of the Joint Faculties from 1969 to 1975. He retired from UBC in 1995. His early work in the area of game theory remains relevant today, having been the subject of explorations by Dr. Jeremy Kun of Google earlier this year.

Beyond the academy, Dr. Restrepo was known to his many friends as collector and a generous supporter of the arts. He collected works by local artists and made donations that helped the Vancouver Art Gallery fill key gaps in its collection of historical Canadian paintings. Dr. Restrepo's friends remember him as thoughtful, dignified, and gracious—a true gentleman, whose presence enriched their lives.

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

Anne Murphy
Philip Loewen

} *That Senate approve the Memorial Minutes for Drs. Crawford Stanley Holling and Rodrigo A. Restrepo, that they be entered into the Minutes of Senate, and that copies be sent to the families of the deceased.*

## Admissions committee

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

**BACHELOR OF SCIENCE IN PHARMACY – CHANGE TO RE-ADMISSION REQUIREMENTS**
**ENTRY-TO-PRACTICE DOCTOR OF PHARMACY – CHANGE TO ADMISSION REQUIREMENTS**

Carol Jaeger
Michael Coughtrie
} *That Senate approve changes to readmission requirements for the Bachelor of Science in Pharmacy program, effective for the 2019 Winter Session and thereafter; and*

*That Senate approve changes in admission requirements for applicants to the Entry-to-Practice Doctor of Pharmacy program, effective for admission to the 2020 Winter Session and thereafter.*

Approved

## Awards Committee

The Vice-Chair of the Senate Awards Committee, Mr Tarqi Ahmed, presented.

**AWARDS REPORT**

*See Appendix A: Awards Report*

Tariq Ahmed
Richard Tees
} *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.*

Approved

**CURRICULUM COMMITTEE**

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

**RATIFICATION OF MATERIAL APPROVED IN THE SUMMER MONTHS**

*See Appendix B: Curriculum Report*

| | | |
|---|---|---|
| Peter Marshall<br>Anthony Sheppard | } | *That Senate ratify the decisions of the Senate Curriculum Committee regarding the attached proposals.* |

Approved

**CHANGE IN CERTIFICATE NAME: GRADUATE CERTIFICATE IN ORTHOPAEDIC MUSCULOSSKELETAL PHYSICAL THERAPY.**

For the information of senate, Dr Marshall advised that using its delegated authority, the Senate Curriculum Committee had approved the change in name of the Graduate Certificate in Orthopaedic Manipulative Physical Therapy to be the Graduate Certificate in Orthopaedic Musculosskeletal Physical Therapy.

## Nominating Committee

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

**APPOINTMENT TO A PRESIDENT'S ADVISORY COMMITTEE FOR THE EXTENSION OF APPOINTMENT OF THE VICE-PRINCIPAL, RESEARCH AND INNOVATION (UBC OKANAGAN)**

| | | |
|---|---|---|
| Richard Tees<br>Anthony Sheppard | } | *That Dr Michael Isaacson* be appointed to the President's Advisory Committee for the Extension of Appointment of the Vice-Principal, Research and Innovation (UBC Okanagan)* |

Approved

**COMMITTEE APPOINTMENTS**

| | | |
|---|---|---|
| Richard tees<br>Anthony Sheppard | } | *That Dr Peter Choi be appointed to the Council Budget Committee until 31 August 2020 and thereafter until replaced, to replace Dr Perry Adebar;*<br><br>*That Dr Peter Choi be appointed to the Senate Academic Building Needs Committee until 31* |

*August 2020 and thereafter until replaced, to fill a vacancy;*

*That Mr George Tsiakos be appointed to the Senate Library Committee until 31 August 2020 and thereafter until replaced, to fill a vacancy; and*

*That Mr George Tsiakos be appointed to the Senate Committee on Appeals on Academic Standing until 31 August 2020 and thereafter until replaced, to replace Dr Michael Isaacson.*

Approved

**TRIENNIAL REVIEW**

Dr Tees noted that as Senators will be aware, Rule 26(g) of the *Rules and Procedures of Senate* directs that "the Nominating Committee shall review the terms of reference of Senate committees in the third year of each Senate triennium." Traditionally, the membership and rules of the Senate are also reviewed concurrently, in concert with the Senate Agenda Committee. This being the start of the third year of this triennium, he advised that the Nominating committee is undertaking this processes and will reach out to senate committees, senators, and other interested groups to seek their feedback prior to making recommendations to the Senate in the spring. As in the past, an open invitation will also be made on the Senate website so that any member of the University community may submit comments, questions, or concerns for consideration in this process.

Senator Isaacson suggested that while we have open calls for all committees that the nominating committee be more proactive about substantive changes. He said that the Committee might set a timelines to address questions.

> Dr Tees said that could be useful. He noted suggestions made already around balancing out committee workloads, and potentially shrinking or merging committees or having them meet on a different pattern. There was a lot of information available on the Senate website to help inform suggestions. He noted that if we do not receive suggestions then they would direct Mr Eaton to send the usual irate letters to Committee chairs.

Senator Singh asked if equity and inclusion could be considered under such a review.

> Dr Tees noted that Senate had its own Ad Hoc Committee on Academic Diversity and Inclusion on this topic and there were others within the administration that he expected would be providing comments.

Senator Murphy said that the Ad Hoc Committee would like to work with each of the committees about equity and inclusion.

Senator Tees suggested that a document from the Ad Hoc Committee that other committees could use to assess their own work would be a good start.

## Report from the Provost

The Vice-President Academic and Provost, Dr Andrew Szeri, presented.

**TIMELINES FOR PARALLEL PROCESSES.**

The Provost advised that a New Programs Hub has been established in the Office of the Vice-President Academic to act as a 'single front door' to support Faculties and proponents in all aspects of new program development and approval processes. As part of their work, they have looked at alignment of approval workflows through the various sub-committees ahead of Senate and Board approval. To enable a reduction of between 2 to 5 months in the approvals process the Board of Governors has agreed to consider proposals in parallel with the Senate rather than in serial, and thus new programs approval paperwork may be submitted into the Board process pending approval of the curriculum at a full Senate meeting.

**VICE-PROVOST AND ASSOCIATE VICE-PRESIDENT ACADEMIC SEARCH**

The Provost noted that there had been little interest in serving on the search committee for this position. He advised that a new broadcast email would be issued tomorrow to solicit faculty and student interest in joining the group.

## Other Business

Senator Ahmed asked for an update at the next meeting on the faculty compliment in the School of Biomedical Engineering.

The President noted that the Faculty had recently tweeted out a number of successful hires.

Dean Olson said the School was on the right trajectory to have its full compliment.

## Adjournment

Seeing no other business, the meeting was adjourned at 6:46 pm.

Appendix A: Awards Report

**NEW AWARDS – ENDOWED**

**Chris Dayton and Dana Dayton (née Bridges) Bursary in Engineering**
Bursaries totalling $2,050 have been made available through an endowment established by Charles C. Dayton (B.A.Sc. 1950, M.Eng.), Leila J. Dayton (née McNiven), Dana Lynne Dayton (née Bridges) and Drew McNiven Dayton for B.A.Sc. Mechanical Engineering students. The bursaries are adjudicated by Enrolment Services. (First award available for the 2020/2021 winter session).

**Chris and Jean Dayton and Drew Dayton Bursary in Physical Therapy**
Bursaries totalling $1,750 have been made available through an endowment established by Charles C. Dayton (B.A.Sc. 1950, M.Eng.), Leila J. Dayton (née McNiven), Dana Lynne Dayton (née Bridges) and Drew McNiven Dayton for students enrolled in the Master of Physical Therapy program. The bursaries are adjudicated by Enrolment Services. (First award available for the 2020/2021 winter session).

**Dr. Frank Forward and Dr. Gordon Forward Commercialization Fellowship**
Fellowships totalling $60,000 have been made available through an endowment established by Dr. Gerald Heffernan in memory of Dr. Frank Forward (Hon. D.Sc. 1965) and Dr. Gordon Forward (B.A.Sc. 1960, M.A.Sc. 1962, Hon. D.Sc. 1996) for Masters and Ph.D. students in the areas of physical sciences, life sciences, engineering or business who are pursuing the commercialization of new technology. Individual fellowships should not exceed $20,000 a year per student. Recipients will submit a plan for commercialization, seek mentorship from academic engineers and/or research faculty members, and set milestones for their progress. Conditional on recipients' continued satisfactory academic progress and achievement of their milestones for commercialization, the fellowship may be renewed for an additional year of study. The fellowships are made on the recommendation of the Faculty of Applied Science in conjunction with representatives from entrepreneurship@UBC and HATCH, in consultation with the Faculty of Graduate and Postdoctoral Studies. (First award available for the 2019/2020 winter session).

**Dean Henry Gunning Entrance Award in Engineering**
Awards totalling $1,200 have been made available through an endowment established by the Graduating Engineering Class of 1958 in memory of their Dean, Henry C. Gunning (1901-1991), for outstanding domestic undergraduate students entering the Bachelor of Applied Science program directly from high school. In addition to academic merit, candidates must have demonstrated leadership through participation in extra-curricular or volunteer activities such as professional, school, social and community organizations or athletics. Dr. Gunning (B.A.Sc. 1923, M.Sc. 1926, Ph.D.) served as Head of the Department of Geology and Geography (1949-1959) and Dean of the Faculty of Applied Science (1954-1959). He was elected a Fellow of the Royal Society of Canada in 1935 and was awarded an honorary Doctor of Science degree from UBC in 1967. Dean Gunning connected with, engaged and taught his students in a positive and impactful way and embodied the phrase "a scholar and a gentleman". The awards are made on the recommendation of the Faculty of Applied Science. (First award available for the 2020/2021 winter session).

**Brian Jessop Graduate Award in Freshwater and Diadromous Fisheries**
Awards totalling $12,000 have been made available through an endowment established by Brian Jessop for graduate students whose research focuses on freshwater and/or diadromous fisheries.

Preference will be given (1) to M.Sc. students who are not concurrently holding another major graduate award (e.g., NSERC Canada Graduate Scholarships, Zoology Graduate Fellowships) and (2) Ph.D. students who are not concurrently holding another major graduate award. Conditional on the recipients' continued satisfactory academic progress, the awards may be renewed until the recipients complete their M.Sc. or Ph.D. requirements. Brian received his B.Sc. from UBC in 1966 and his M.Sc. from the University of Waterloo in 1969. He worked as a stock assessment biologist with the Population Ecology Division of Fisheries and Oceans Canada and the Bedford Institute of Oceanography in Nova Scotia. He conducted assessments on a variety of fishes, including the American eel, alewife, and blueback herring and is well-regarded internationally for his expertise in the management of diadromous fish species. The awards are made on the recommendation of the Institute for the Oceans and Fisheries, in consultation with the Faculty of Graduate and Postdoctoral Studies. (First award available for the 2020/2021 winter session).

**Beatrice Patriquin Memorial Scholarship in Nursing**
Scholarships totalling $9,000 have been made available through an endowment established by an estate gift from Brian Patriquin (1952-2017) in memory of his mother Beatrice Patriquin (1922-2009) for outstanding undergraduate and graduate students enrolled in the School of Nursing. Beatrice received a diploma in Public Health Nursing from UBC in 1959 and worked as a public health nurse in Victoria. The scholarships are made on the recommendation of the School of Nursing, and in the case of a graduate student, in consultation with the Faculty of Graduate and Postdoctoral Studies. (First award available for the 2019/2020 winter session).

**C. R. Laurence Peers Centennial Scholars Award in Forestry**
Awards totalling $12,000 have been made available through an endowment established by the Morris and Helen Belkin Foundation, along with matching funds from the University of British Columbia, in honour of C. R. Laurence "Laurie" Peers for outstanding domestic undergraduate forestry students entering university directly from secondary schools, or transferring directly from other colleges and universities, in Canada or abroad. Recipients are academically qualified and would not be able to attend UBC without financial assistance. In addition to academic merit, consideration is given to qualities such as 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). This award was established in recognition of Laurie's (B.S.F. 1959, LL.B. 1962) outstanding career and significant contributions to the Belkorp Group, as well as his longstanding passion for UBC. The awards are made on the recommendation of the Centennial Scholars Entrance Award Committee. (First award available for the 2020/2021 winter session).

**NEW AWARDS – ANNUAL**

**Philip P. Brown and Philip A.P. Brown Memorial Bursary in Engineering**
Bursaries totalling $2,000 have been made available annually through an estate gift from Rex Pendril Brown (1923-2018) in memory of his father Philip Piggott Brown (1881-1953) and brother Philip Anthony Piggott Brown (1914-2005) for third year Bachelor of Applied Science students majoring in Civil Engineering. The bursaries are adjudicated by Enrolment Services. (First award available for the 2019/2020 winter session).

**Aurel Chanady Scholarship in Medicine**
Scholarships totalling $3,700 have been made available annually though an endowment established by an estate gift from Adele Chanady and held at the University of Victoria, in memory of her

husband Aurel Chanady, for outstanding M.D. students in the Island Medical Program. Preference will be given to students with an interest in pursuing a career in family practice. Aurel was a doctor in his native Hungary and moved to Canada shortly before World War II. He practiced chiropracty in Nanaimo for over thirty years. Adele worked as a job counselor for the Department of Manpower and Immigration for twenty-four years. The Chanadys spent their retirement in Victoria. The scholarships are made on the recommendation of the Faculty of Medicine. (First award available for the 2020/2021 winter session).

**UBC Faculty of Education Community Field Experience Travel Award**
Awards of up to $10,000 have been made available by the Faculty of Education for Bachelor of Education (B.Ed.) teacher candidates taking part in a Community Field Experience (CFE) outside of Metro Vancouver. The award is intended to encourage teacher candidates to participate in rural and international CFEs by providing financial assistance for expenses associated with these placements. The awards are made on the recommendation of the Faculty of Education's Teacher Education Office. (First award available for the 2019/2020 winter session).

**Fluor Women in Engineering Entrance Award**
A $10,000 entrance award has been made available annually through a gift from Fluor Canada Ltd. for an outstanding domestic female student entering the Bachelor of Applied Science program directly from high school. In addition to academic merit, candidates must have demonstrated leadership through participation in extra-curricular or volunteer activities such as professional, school, social and community organizations or athletics. Preference will be given to students involved in activities related to the promotion of women in STEM. Fluor is a multinational engineering, procurement, construction and project management company with 53,000 employees operating on six continents. Fluor Canada Ltd. has supported awards for engineering students at UBC for over thirty years. This academic award is made on the recommendation of the Faculty of Applied Science. (First award available for the 2020/2021 winter session).

**Master of Sustainable Forest Management Bursary**
Bursaries are offered annually by the Faculty of Forestry for graduate students in the Master of Sustainable Forest Management (M.S.F.M.) program who demonstrate financial need. Available funding is determined based on the number of students enrolled in the program. The bursaries are adjudicated by Enrolment Services. (First award available for the 2019/2020 winter session).

**Master of Geomatics for Environmental Management Bursary**
Bursaries are offered annually by the Faculty of Forestry for graduate students in the Master of Geomatics for Environmental Management (M.G.E.M.) program who demonstrate financial need. Available funding is determined based on the number of students enrolled in the program. The bursaries are adjudicated by Enrolment Services. (First award available for the 2019/2020 winter session).

**JLL Women in Real Estate Award**
Awards totalling $5,000 have been made available annually through a gift from JLL for third and fourth-year female Bachelor of Commerce students in the Real Estate Option who have achieved

good academic standing. Preference will be given to students who intend to pursue a career in real estate in Canada. JLL is a global professional services firm specializing in real estate. They created this award to encourage women to enter areas of the real estate industry where they are underrepresented, including brokerage, commercial real estate and leadership positions. The awards are made on the recommendation of the UBC Sauder School of Business. (First award available for the 2019/2020 winter session).

**RBC Leadership Award in Dentistry**
A $2,000 award has been made available annually through a gift from Royal Bank of Canada (RBC) for an outstanding student in the Doctor of Dental Medicine or Dental Hygiene degree programs who demonstrates leadership and community involvement and who reflects RBC's values of collaboration, inclusion, and integrity. The award is made on the recommendation of the Faculty of Dentistry. (First award available for the 2019/2020 winter session).

**Dr. Tashakkor Award for Women in Business**
Awards totalling $2,000 have been made available annually through a gift from Dr. Amir Tashakkor for third or fourth-year female Bachelor of Commerce students who demonstrate academic excellence. Consideration is given to leadership skills, community service, and extra-curricular achievement. Financial need may be considered. The award is made on the recommendation of the UBC Sauder School of Business. (First award available for the 2019/2020 winter session).

**Dr. Nancy Vertel Award in Outstanding Patient Care**
A $2,500 award has been made available annually through a gift from Dr. Nancy Vertel for a student in the Doctor of Dental Medicine or the Dental Hygiene degree programs who has demonstrated clinical proficiency and comprehensive patient care. Preference will be given to a student with an aptitude for treating patients who have special needs. The award is made on the recommendation of the Faculty of Dentistry. (First award available for the 2019/20 winter session).

**Vantage College World University Service of Canada Bursary**
Bursaries are offered by the University and Vantage College to assist undergraduate student refugees admitted through the World University of Canada program with the cost of books and tuition. Subject to satisfactory progress, bursaries may be renewed annually until completion of first degree. The bursaries are made on the nomination of the World University Service of Canada, UBC Local Committee.

**Vantage College World University Service of Canada Living Allowance Bursary**
Bursaries are offered by the University and Vantage College to assist undergraduate student refugees admitted through the World University of Canada program with the cost of housing and

a meal plan. Subject to satisfactory progress, bursaries may be renewed annually until completion of first degree. The bursaries are made on the nomination of the World University Service of Canada, UBC Local Committee.

**PREVIOUSLY APPROVED AWARDS WITH CHANGES IN TERMS OR FUNDING SOURCE**

**ENDOWED AWARDS**

**5879 – Beverley McLachlin Legal Access Award**

**Rationale for Proposed Changes**

As approved at the Board of Governors meeting in June, the Terms of Reference for the Beverley McLachlin Legal Access Award Endowment Fund were amended to broaden the eligibility criteria of potential award recipients to include J.D. students who have accepted summer positions in underserved and/or rural communities in British Columbia or in the area of public interest/social justice law in British Columbia; and to update the name of the fund to "The Right Honourable Beverley McLachlin Legal Access Award Endowment Fund" to reflect Beverley McLachlin's past tenure as Chief Justice of Canada. We are amending the award description to reflect these changes.

**Current Award Description**

Awards totalling $26,000 have been endowed by the Law Foundation of British Columbia, the Peter A. Allard School of Law of UBC and members of the BC Bar to honour Chief Justice Beverley McLachlin, a former faculty member of the Peter A. Allard School of Law. Beverley McLachlin was the first woman to be appointed Chief Justice of Canada. The awards are made on the recommendation of the Peter A. Allard School of Law to students completing third year that have accepted articling positions in underserved and/or rural communities in British Columbia, or in the area of public interest/social justice law in British Columbia. The awards are made on the recommendation of the Peter A. Allard School of Law.

**Proposed Title: The Right Honourable Beverley McLachlin Legal Access Award**

**Proposed Award Description**

Awards totalling $26,000 have been endowed by the Law Foundation of British Columbia, the Peter A. Allard School of Law and members of the BC Bar to honour The Right Honourable Chief Justice Beverley McLachlin, a former faculty member of the Law School at UBC. Beverley McLachlin was the first woman to be appointed Chief Justice of Canada. The awards are made on the recommendation of the Peter A. Allard School of Law to Recipients are J.D. students completing third year that who have accepted summer or articling positions in

underserved and/or rural communities in British Columbia, or in the area of public interest/social justice law in British Columbia. Preference may be given to students who have accepted articling positions over those who have accepted summer positions. Beverley McLachlin was the first woman to be appointed Chief Justice of Canada. The awards are made on the recommendation of the Peter A. Allard School of Law.

**1423 – Rosemary Stewart Scholarship**

**Rationale for Proposed Changes**

As approved at the Board of Governors meeting in November, the Terms of Reference for the Rosemary Stewart Scholarship Endowment Fund was amended to include Ioan James, the surviving spouse of Rosemary Stewart, in the title of the fund so that the new name is "Rosemary Stewart and Ioan James Scholarship Endowment Fund". This is in recognition of his lifetime giving towards the fund and a bequest. We are amending the award description to reflect these changes.

**Current Award Description**

Scholarships totalling $23,000 have been endowed by Rosemary Stewart (B.A. 1945), with a preference for students who are citizens of the United Kingdom.

**Proposed Title: Rosemary Stewart and Ioan James Scholarship**

**Proposed Award Description**

Scholarships totalling $18,000 have been endowed made available through an endowment established by Dr. Rosemary Stewart (1924-2015) and Professor Ioan James, for undergraduate students enrolled in any degree program. Preference will be given to students who are citizens of the United Kingdom. Dr. Stewart (B.A. 1945, M.Sc., Ph.D.) was born in London and grew up in Sussex before being evacuated to Canada during World War II. After arriving in Vancouver, she began attending UBC at age 17, and returned to England after graduation. Dr. Stewart was one of the first fellows of the Oxford Centre for Management Studies at Green Templeton College, University of Oxford. Her primary research interests were the managerial work, behaviour and management in the National Health Service. Professor James (D.Phil., FRS) is a Professor Emeritus of Mathematics, University of Oxford. He has authored and edited many books and papers on a variety of topics, including fibre spaces and homotopic theory. Since his retirement, Professor James has written several books on famous mathematicians and physicists. The scholarships are made on the recommendation of International Student Initative.

**ANNUAL AWARDS**

**6786 – Master of Data Science - Computational Linguistics Domestic Scholarship**

**Rationale for Proposed Changes**

The Master of Data Science program is increasing the amount of entrance scholarships offered to students through the following department-funded award. The adjudicating sentence has been revised to remove the Faculty of Graduate and Postdoctoral Studies as this program is not under their purview.

**Current Award Description**

A $5,000 entrance scholarship is offered annually to a student who is a Canadian citizen or permanent resident in the Master of Data Science - Computational Linguistics program. The scholarship recognizes a student who has demonstrated academic and leadership achievements in their undergraduate or graduate program, field or industry. The scholarships are made on the recommendation of the Master of Data Science - Computational Linguistics Admissions Committee, in consultation with the Faculty of Graduate and Postdoctoral Studies.

**Proposed Award Description**

A $5,000 eEntrance scholarships is of up to $25,000 each are offered annually to a for students who are is a Canadian citizens or permanent residents in the Master of Data Science - Computational Linguistics program. The scholarships recognizes a students who hasve demonstrated academic and leadership achievements in their undergraduate or graduate program, field or industry. The scholarships are made on the recommendation of the Master of Data Science - Computational Linguistics Admissions Committee, in consultation with the Faculty of Graduate and Postdoctoral Studies.

**6787 – Master of Data Science - Computational Linguistics International Scholarship**
**Rationale for Proposed Changes**
The Master of Data Science program is increasing the amount of entrance scholarships offered to international students through the following department-funded award. The adjudicating sentence has been revised to remove the Faculty of Graduate and Postdoctoral Studies as this program is not under their purview.
**Current Award Description**
A $5,000 entrance scholarship is offered annually to an international student in the Master of Data Science - Computational Linguistics program. The scholarship recognizes a student who has demonstrated academic and leadership achievements in their undergraduate or graduate program, field or industry. The scholarships are made on the recommendation of the Master of Data Science - Computational Linguistics Admissions Committee, in consultation with the Faculty of Graduate and Postdoctoral Studies.
**Proposed Award Description**
A $5,000 eEntrance scholarships is of up to $25,000 each are offered annually to an for international students in the Master of Data Science - Computational Linguistics program. The scholarships recognizes a students who hasve demonstrated academic and leadership achievements in their undergraduate or graduate program, field or industry. The scholarships are made on the recommendation of the Master of Data Science - Computational Linguistics Admissions Committee, in consultation with the Faculty of Graduate and Postdoctoral Studies.

**1865 – Dr. Lance Rucker Award in Dentistry**
**Rationale for Proposed Changes**
The Faculty of Dentistry, with the donor's agreement, would like to widen the candidate pool for this award to include students in the Dental Hygiene degree program.
**Current Award Description**
A $1,000 award is offered annually to a second year D.M.D student who demonstrates excellence in attaining operator balance and patient positioning and therefore optimizing dental clinical ergonomics during the transition to clinical care of patients. This award is in recognition of Dr. Rucker's 35-year academic career as a full-time faculty member at the university, including his pioneering work in the development of custom declination in surgical telescopes and his longstanding commitment to advancing educational equipment and teaching methodologies which improve the ergonomics of dental practice. The award is made on the recommendation of the Faculty of Dentistry.
**Proposed Award Description**
A $1,000 award is offered annually to for a second year D.M.DDoctor of Dental Medicine or Dental Hygiene degree program student who demonstrates excellence in attaining operator balance and patient positioning and therefore optimizing dental clinical ergonomics during the transition to clinical care of patients. This award is in recognition of Dr. Rucker's 35-year academic career as a full-time faculty member at the university, including his pioneering work in the development of custom declination in surgical telescopes and his longstanding commitment to advancing educational

equipment and teaching methodologies which improve the ergonomics of dental practice. The award is made on the recommendation of the Faculty of Dentistry.

**4020 – Rowing Alumni Scholarship**
**Rationale for Proposed Changes**
The Department of Athletics would like to remove the scholarship standing from this award to increase the candidate pool of students who are eligible to receive it.
**Current Award Description**
One or more scholarships, which may range from a minimum value of $500 each to the maximum allowable under athletic association regulations, are offered to Men's and Women's Rowing Athletes in any year of study. Scholarships are for the purpose of recruitment and retention of top level rowing athletes. The scholarships will be made on the recommendation of the Men's and Women's Rowing Head Coaches in the Department of Athletics.
**Proposed Title: Rowing Alumni Scholarship Award**
**Proposed Award Description**
One or more scholarships awards, which may range from a minimum value of $500 each to the maximum allowable under athletic association regulations, are offered to Men's and Women's Rowing Athletes in any year of study. Scholarships Awards are for the purpose of recruitment and retention of top level rowing athletes. The scholarships awards will be made on the recommendation of the Men's and Women's Rowing Head Coaches in the Department of Athletics.

**8627 – Dr. Sandra Hartley Bursary in Athletics**
**Rationale for Proposed Changes**
It has proven difficult to find a candidate who is fits the criteria of being both a student athlete and a parent. In order to ensure that this award can be assigned annually, we would like to amend the award to be for a student in the Bachelor of Kinesiology program with preference to a parent or caregiver.
**Current Award Description**
A $1,000 bursary is offered annually by Dr. Sandy Hartley (BPE 1971, MPE 1977, EdD 1993) to a student athlete aspiring for excellence who is concurrently raising a child. Professor Emeritus in healthy, active aging from the University of Alberta (1971-2006), Dr. Hartley is in the UBC Sports Hall of Fame as an accomplished gymnast at the Olympic and World level and was UBC's first recipient of the Marilyn Pomfret Trophy, as Woman Athlete of the Year in 1971 (in gymnastics). Her passion for ongoing education and advancing sport while raising a family challenged her to complete 12 years of advanced education at UBC. The award is adjudicated by Enrollment Services in conjunction with UBC Athletics.

**Proposed Title: Dr. Sandra Hartley Bursary Award in Athletics Kinesiology**

**Proposed Award Description**

A $1,000 bursary award is offered annually by Dr. Sandy Hartley (B.P.E. 1971, M.P.E. 1977, Ed.D. 1993) to a student athlete aspiring for excellence who is concurrently raising a child for a Bachelor of Kinesiology student who has achieved good academic standing while managing increased responsibilities as a parent, caregiver, sport leader, manager and/or coach, with preference given to students who are (1) parents or (2) caregivers. Dr. Hartley is a Professor Emeritus in healthy, active aging at the University of Alberta, where she taught from 1971 to 2006. She is an accomplished gymnast who competed at the Olympic and World levels. Dr. Hartley is in the UBC Sports Hall of Fame and was the first recipient of the Marilyn Pomfret Trophy, as Woman Athlete of the Year in 1971. Her passion for education and advancing sport compelled her to complete twelve years of advanced education at UBC while raising a family. The award is adjudicated by Enrollment Services in conjunction with UBC Athletics made on the recommendation of the School of Kinesiology.

# Appendix B: Curriculum Report

**FACULTY OF APPLIED SCIENCE**
*New course*
**MINE 470 (3)** Indigenous Peoples and Mining in Canada
*Revised academic regulations*
BASc>Academic Regulations>Undeclared Status

**FACULTY OF ARTS**
*New courses*
**ASIA 463 (3)** Japanese Documentary Media;
**ITST 377 (3)** Cultural Exchange between Modern Italy and China;
**ITST 378 (3)** Colonial and Postcolonial Italy;
**ASIA 319 (3)** Contemporary Chinese Popular Cultures;
**ASIA 412 (3)** Pre-Modern Chinese Poetry (Pre-Qin to Tang);
**ASIA 413 (3)** Pre-Modern Chinese Poetry (Tang to Qing);
**ASIA 431 (3)** Tibetan Literature, Genres, and Book Culture;
**PERS 401 (3)** Contemporary Iranian Cinema for Advanced Speakers of Persian;
**PERS 451 (3)** Persian through Shahnameh for Advanced Speakers of Persian;
**PHIL 337 (3)** Ethics for the Sciences;
**POLI 371 (3)** Humanitarian Engineering: Politics and Practice;
**PSYC 427 (3)** Advanced Seminar in Psychology

**FACULTY OF EDUCATION**
*New courses*
**KIN 368 (3)** Indigenous Sport and Physical Culture in Settler Canada;
**KIN 490 (3/6) d** Directed Studies in Kinesiology;
**KIN 492 (6)** Undergraduate Research Experience in Kinesiology;
**KIN 482 (3-9) d** Advanced Seminar in Neuromechanics;
**KIN 483 (3-9) d** Advanced Seminar in Systems Biology, Exercise & Health;
**KIN 484 (3-9) d** Advanced Seminar in Indigenous Sport, Physical Activity and Health;
**KIN 485 (3-9) d** Advanced Seminar in Leadership Education for Physical Activity;
**KIN 486 (3-9) d** Advanced Seminar in Psychology of Movement;
**KIN 487 (3-9) d** Advanced Seminar in Sociocultural Studies;
**KIN 488 (3-9) d** Advanced Seminar in Interdisciplinary Research in Kinesiology

**FACULTY OF FORESTRY**
*New courses*
**CONS 310 (3)** Ecology in a Changing Climate;
**CONS 314 (3)** Elements of Biodiversity

**FACULTY OF GRADUATE AND POSTDOCTORAL STUDIES**
**Arts**
*New course*
**CNRS 649 (0)** Doctoral Dissertation

**COMMERCE AND BUSINESS ADMINISTRATION**
*New course*
**BASM 516 (1.5)** Economics and Strategy of Innovation

**EDUCATION**

*New courses*

**EPSE 572 (3)** Applications of Behaviour Analysis;
**EPSE 579 (3)** Supervision and Management for Behaviour Analysts;
**EPSE 583 (3)** Fostering Self-Regulated Learning