

THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Secretariat

Senate and Curriculum Services

Enrolment Services

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Vancouver, BC V6T 1Z1

www.senate.ubc.ca

Vancouver Senate

MINUTES OF DECEMBER 15, 2010

Attendance

Present: Prof. S. J. Toope (Chair), Mr. J. Ridge (Secretary), Dean T. Aboulnasr, Dr. R. Anstee, Mr. K. Arciaga, Dr. K. Baimbridge, Dean M. A. Bobinski, Dr. J. Brander, Principal M. Burgess, Dr. B. Cairns, Dean B. Evans, Ms. M. Friesen, Mr. C. Gorman, Mr. S. Haffey, Mr. A. J. H. Hajian, Dr. W. Hall, Dr. P. G. Harrison, Mr. E. Hilmer, Dr. A. Ivanov, Mr. D. H. Kim, Dr. S. B. Knight, Ms. A. Koehn, Dr. B. S. Lalli, Dr. B. Larson, Dr. P. Leung, Dr. P. Loewen, Mr. B. MacDougall, Dr. P. L. Marshall, Mr. J. Mertens, Mr. C. Meyers, Ms. S. Morgan-Silvester (Chancellor), Principal L. Nasmith, Dr. G. Öberg, Ms. I. Parent, Dr. K. Patterson, Dr. J. Plessis, Mr. S. Rasmussen, Dr. A. Riseman, Dr. L. Rucker, Dean C. Shuler, Dr. S. Singh, Dr. R. Sparks, Dr. J. Stapleton, Dean G. Stuart, Mr. D. Thakrar, Dr. S. Thorne, Dr. M. Upadhyaya, Dr. M. Vessey, Ms. L. Watt, Mr. J. Yang.

Guests: Ms. K. Beaumont, Ms. C. Dauvergne, Ms. D. Feduik, Dr. J. Hepburn, Ms. J. Lambert, Dr. E. Mazzi, Ms. H. Pennant.

Regrets: Ms. K. Aminoltejari, Dean G. Averill, Ms. C. Colombe, Ms. B. Craig, Mr. G. Dew, Ms. A. Dulay, Dr. W. Dunford, Mr. A. C. Embree, Dr. D. Farrar (Provost & Vice-President, Academic), Rev. Dr. S. Farris, Dr. D. Fielding, Mr. R. Gardiner, Mr. F. Grajales, Dean J. Innes, Dean M. Isman, Dr. D. Lehman, Mr. D. Leung, Dr. W. McKee, Mr. W. McNulty, Mr. M. Murray, Dean D. Muzyka, Dr. C. Orvig, Dean S. Peacock, Mr. B. Perin, Mr. J. Rebane, Dr. T. Ross, Mr. J. Scafe, Ms. E. Segal, Dean *pro tem.* J. Shapiro, Dean R. Sindelar, Ms. R. Sneath, Dr. B. Stelck, Mr. D. Verma, Dr. R. Wilson, Dr. R. Windsor-Liscombe, Dr. R. A. Yaworsky.

Recording Secretary: Ms. L. M. Collins.

Call to Order

The Chair called to order the fourth regular meeting for the 2010/2011 academic year.

Senate Membership

As Secretary, Mr. Ridge introduced Dr. Peter Leung, who had recently been elected as a faculty representative of the Faculty of Medicine.

Minutes of the Previous Meeting

<i>Mr. Mertens</i>	}	<i>That the minutes of the meeting of November 17, 2010 be adopted as circulated.</i>
<i>Dr. Patterson</i>		

DISCUSSION

The Chair reported that the Recording Secretary had accepted several factual corrections, and that a corrected version of the minutes was to be posted on the Senate website.

The motion was put and carried.

Remarks from the Chair and Related Questions

REPORT ON PRESIDENT'S ACTIVITIES

The President had circulated for information a report on his activities from August 16 through October 31, 2010.

PLACE AND PROMISE

The President drew attention to his November 25, 2010 letter to the UBC community addressing the UBC Executive Group's priorities with respect to *Place and Promise: The UBC Plan*. Prof. Toope was pleased to report that hundreds of actions were underway in support of UBC's strategic plan, and acknowledged that the executive would need to focus its energy in some key areas during the current year.

The executive had decided to focus on the following "transformative opportunities," which would require sustained attention over several years:

Student Learning and Engagement

In the area of student learning, *Place and Promise* set a bold goal of ensuring that every one of our 44,500 undergraduate students would have access to at least two enriched learning experiences. This year the Executive commits to:

Remarks from the Chair & Related Questions, continued

- Creating, facilitating and funding enriched student experiences (research opportunities, Go Global, community service learning, co-ops, etc.)

In addition, the Executive commits to:

- Improving the learning environment of all students, with a focus on first year, direct entry students
- Expanding housing opportunities, better supporting international students, and increasing informal learning spaces

International

We will launch our Place and Promise International Strategy in the early new year.

In it we commit to:

- Clearly establishing UBC as the University for Asia, and especially for China and India
- Leading Canadian universities in key international initiatives, including community service learning, alumni networks and research collaboration

UBC as a Living Laboratory

Our final area of focus is the Living Laboratory initiative. This initiative, launched last year, integrates research, teaching and operational management of the campus to develop ideas, technologies and partnerships for sustainability. In particular this year, the Executive commits to:

- Sharing all that UBC learns in researching, testing and implementing initiatives in social, economic and environmental sustainability
- Further improving the effectiveness of our sustainability efforts by promoting interdisciplinary collaboration and sharing resources

The Executive had also identified the following three “foundational initiatives” to be solidly launched (and some completed) within the current academic year:

UBC in its Region and Province

- Completing the land use planning consultations, and achieving ministerial approval for an amended plan
- Determining UBC's relationship to the provincial Government Reporting Entity (GRE)

Diversifying Revenue and Campaign Launch

- Increasing research funding (government, foundations and international)
- Launching the UBC alumni engagement and fundraising campaign, the most ambitious in Canadian history

Remarks from the Chair & Related Questions, continued

Communications

- Telling our story to our constituencies, internally and externally; profiling the human faces of UBC
- Enhancing advocacy and inviting external validators to support the mission of the university

DR. JOHN J. STAPLETON

The President was pleased to note that Dr. John J. Stapleton, Principal of St. Mark's College, President of Corpus Christi College, and member of Senate, had recently been awarded an honorary doctorate by Regis College at the University of Toronto.

VISITS TO INDIA, JAPAN, AND CHINA

In November 2010, the Association of Universities and Colleges of Canada had organized a seven-day visit to New Delhi by a delegation of 15 university presidents. The purpose of the visit had been to enhance the academic and research relationship between Canada and India and to establish linkages with key partners. Prof. Toope stated that this large delegation had generated significant interest and media coverage. Applications from Indian students had increased since the visit, although it was difficult to accurately attribute causality.

The President reported that his recent visit to Tokyo, Beijing, Shanghai, and Hong Kong had been very successful. He noted a remarkable level of enthusiasm and "inter generational camaraderie" at alumni events held in the region. Prof. Toope had also met with key academic partners to identify future areas of collaboration. While in Japan, the President was pleased to announce a \$13-million donation from the Nippon Foundation in support of a nine-year research program to study the future of the world's oceans, led by the UBC Fisheries Centre.

While in Beijing, the President signed an agreement between UBC's Centre for Interactive Research on Sustainability (CIRS) and Modern Green, a leader in sustainable develop-

Remarks from the Chair & Related Questions, continued

ment in China. Modern Green had made a contribution of \$3.5 million to CIRS for capital and programming, which was to link CIRS and Modern Green's housing development on South Campus.

DISCUSSION

Dr. Lalli stated that he understood that the Ontario government had made available 75 scholarships for students from India, and asked how many scholarships would be available to students coming to UBC. Prof. Toope reported that the recently announced *Globalink Canada-India Graduate Fellowship Program* would provide approximately 50 awards valued at more than \$3.5 million for Indian students who had participated in the MITACS Globalink program in 2010, an initiative bringing Indian undergraduate students to Canada for summer research internships. The assembly recognized Vice-President Hepburn, who added that 10 graduate scholarships and 10 undergraduate scholarships were available to students coming to UBC. Discussions were ongoing with both the provincial and federal governments about funding for scholarships as well as projects to link junior faculty members.

Discussion Paper: International Strategy

The assembly recognized guest presenters Dr. John Hepburn, Vice-President, Research & International, and Ms. Helen Pennant, Executive Director, International.

Dr. Hepburn had circulated a Discussion Document: International Strategy, which he described as a work in progress. He introduced the document and invited Ms. Pennant to provide an overview.

Ms. Pennant reported that the process leading to the draft document had begun approximately one year earlier, with the President's discussion paper entitled "International Engagement and Global Influence: How Ambitious is the University of British Colum-

Discussion Paper: International Strategy, continued

bia?” An advisory committee had been established in November 2009. Once a decision was taken to focus on selected geographic areas, three working groups had also been formed.

Highlights of the draft strategy were as follows:

- Aim to be Canada’s leader in international engagement within five years;
- Three areas of regional focus: China, India and Europe;
- Three to five year time frame;
- List of special actions reflecting burgeoning interest in Africa;
- Goal of 30% of students to have an international experience as part of their UBC degree;
- Aim to significantly increase international graduate student recruitment;
- Aim to establish significant new strategic research partnerships in each of the regions of focus.

Dr. Hepburn and Ms. Pennant sought input on the draft document and on the following questions in particular:

1. How can UBC recruit more international graduate students?
2. Given that 25% of graduate students currently come from outside of Canada, what would be a reasonable target over the next three years?
3. Student mobility is most successful when it is an integral part of academic programs or research endeavours. How can we achieve greater integration of this opportunity?
4. Some international students do not have adequate levels of English to perform to their academic potential. How can we best support these students?
5. Should UBC students be encouraged to acquire languages other than English as part of their UBC degree (over and above the requirements that currently apply to undergraduate students in the Faculty of Arts)?

DISCUSSION

Dr. Loewen identified high application fees as a barrier to effective international graduate student recruitment. He also noted, however, that the Faculty of Graduate Studies depended on those fees to fund its operations and suggested that the University identify a funding model that would not require applicants to bear the cost.

Discussion Paper: International Strategy, continued

In response to a question from Dr. Rucker, Dr. Hepburn stated that the largest groups of international students at UBC came from the United States and China. The Faculty of Applied Science also attracted a significant number of students from Iran. India fell significantly further down the list of source countries. Dr. Hepburn contrasted this with the situation in the United States, where India was the largest source of international students.

In reference to current low levels of engagement in India, Dr. Singh suggested that UBC focus its efforts in particular regions in India, e.g. areas with strong Canadian immigration patterns, such as northern India. Prof. Toope stated that while Indian immigrants to British Columbia tended to come from northern India, the opposite was true in Toronto, for example. He also noted particular strengths in the university sector in southern India, and that traditions in higher education were highly variable throughout the country. Dr. Hepburn suggested that many future linkages would be with partners outside the Punjab region. In response to a further question from Dr. Singh on how closely UBC was tracking its alumni in India, Prof. Toope stated that it would be useful to make additional efforts in this area.

In response to a question from Mr. Hajian about the proposal to increase international students to 15 percent of the student body, Dr. Hepburn noted that international students did not displace domestic students at the University.

Dr. Baimbridge congratulated the team on the discussion document. He emphasized internal communications as critical to the strategy's success and suggested that Dr. Hepburn consider how best to communicate what had been a high level discussion to individual faculty. Dr. Baimbridge also asked whether the University could do more to accommodate international researchers who wished to visit and work at UBC short periods of time. Dr. Hepburn agreed that accommodation for visiting graduate students and scholars was

Discussion Paper: International Strategy, continued

challenging, particularly considering that funding models for residence spaces anticipated long-term occupancy. Dr. Hepburn stated that many Indian institutions were able to offer visitors both accommodation and a meal plan, while UBC was not yet able to reciprocate at the desired level.

Dr. Öberg expressed support for the document, observing with interest how this and other Canadian documents conceived of “self” and “other”.

Responding to Dr. Baimbridge’s comments on communication, Dr. Leung expressed the opinion that the message was being effectively communicated to faculty, and that efforts should continue. He recalled having borrowed Mr. Pennant’s slides for a faculty meeting presentation several weeks earlier. He asked about reciprocity in student exchange. Dr. Hepburn confirmed that the Go Global office tracked student mobility patterns, and that there was far more demand from exchange students coming to UBC as compared to demand from UBC students to travel abroad.

Mr. Haffey expressed support for the document, drawing particular attention to the section entitled “What About the Rest of World?” He was pleased to see Africa identified as a future area of focus.

The Chancellor noted the aim of becoming “Canada’s leader in international engagement within five years” and asked for clarification as to whether this was intended to mean “Canada’s leader” or “Canada’s leading university”. She expressed a preference for the former, emphasizing the importance of building international engagement as a society. Dr. Hepburn agreed, noting that large research universities were inherently poised to lead in this area.

Dean Evans made the following comments:

Discussion Paper: International Strategy, continued

- The term “student mobility” was less applicable to graduate students than were terms like international “research” and “professional engagement”.
- English continued to present a problem for some incoming graduate students. The Faculty of Graduate Studies had been looking at ways to better evaluate and support students who had met UBC admission requirements but who needed to continue to improve their English.
- Given that international students at UBC became our recruiters and marketers upon their return to their home countries, UBC would do well to invest significant effort in those relationships.
- Joint Ph.D. programs with international universities were attracting attention and were considered well worth the additional effort.
- The Faculty of Graduate Studies had recently produced for the international prospective student audience a set of one-page publications promoting graduate study in each faculty.
- The Faculty of Graduate Studies had proposed ways to better track and recognize international students visiting and working in research settings for short periods of time. The proposal was currently under consideration by the Senate Academic Policy Committee, and the Dean was hopeful that it would be ready for Senate consideration shortly.

Dr. Knight suggested that the document draw a distinction between multinationalism and multiculturalism. He acknowledged the sensitivity of these issues, but cautioned against avoiding the discussion altogether. Noting the reference in the document to overlap between the International Plan and the Aboriginal Strategic Plan, he urged the drafters to consider the contrast between the rights of Aboriginal people in Canada and, as one example, the caste system in India. He also emphasized the need to secure more funding for humanities research as critical for success in international engagement. Lastly, he noted a broad range of international experience among the Convocation Senators, and suggested that the advisory committee could draw upon this expertise.

Dr. Hepburn and Prof. Toope fully agreed with the need to emphasize humanities research. Dr. Hepburn stated that any successful strategy would need to take full account of the humanities and social sciences. Prof. Toope was pleased to report that, even though Canadian government research funding tended to be concentrated in STEM (science,

Discussion Paper: International Strategy, continued

technology, engineering, and mathematics) disciplines, there was growing recognition among research institutions internationally that effective collaborations needed to be much broader.

In response to a question from Dr. Rucker, Dr. Hepburn stated that consultation on the document would continue through February 2011, at which time a revised version would be released. Dr. Rucker suggested a town hall meeting to identify and explore a broad range of ideas.

Prof. Toope emphasized the importance of coordination of international engagement and development activities and sharing of information within the University. He noted that it was not uncommon for more than one group at UBC to be in discussion with a potential donor, without awareness of each other.

Prof. Toope noted the absence of discussion about the need for UBC students to learn at least one language other than English. He observed an apparent English language domination in UBC's institutional culture, with insufficient attention paid to acquiring other languages. He suggested that UBC needed to move more aggressively in this area.

Academic Policy Committee

Committee Chair Dr. Harrison presented the report.

DOCTORAL STUDENTS DEEMED "FULL-TIME WITH REDUCED WORKLOAD"

The Committee recommended for approval a proposal from the Faculty of Graduate Studies to allow doctoral students with permanent disabilities (as identified by UBC Access & Diversity) to complete their programs with extended times to completion and under alternative fee payment schedules. Under the proposed changes to Classification for

Academic Policy Committee, continued

Doctoral Students, students could be granted this accommodation by the Dean of the Faculty of Graduate Studies in consultation with the Registrar.

<i>Dr. Harrison</i>	}	<i>That the new classification for doctoral students entitled 'Full-Time with Reduced Workload' and its associated administrative procedures be approved as set out in the attached proposal.</i>
<i>Mr. Rasmussen</i>		

DISCUSSION

Dr. Knight asked for assurance that this accommodation would not jeopardize government funding. As Associate Dean, Graduate Policy and Program Review in the Faculty of Graduate Studies, Dr. Loewen confirmed that all doctoral students -- including those whose workload had been reduced to accommodate a disability -- were considered full-time students.

Mr. Haffey spoke in favour of the proposed policy, commending the Faculty for setting up a flexible framework in support of students with disabilities.

The motion was
put and carried.

Admissions Committee

As a member of the Committee, Dr. Anstee presented the reports.

BACHELOR OF EDUCATION – CHANGES IN ADMISSION REQUIREMENTS

The Committee recommended for approval a revised calendar entry on admission requirements for applicants to the Bachelor of Education program. The circulated document outlined a reduction in the number of UBC equivalent credits required for admission to the 12-month Elementary Teacher Education option and additional information on secondary teaching field requirements for French and Modern Languages education.

Admissions Committee, continued

ENGLISH PROFICIENCY STANDARDS AND GRE REQUIREMENTS – FACULTY OF GRADUATE STUDIES

The Committee recommended for approval a revised calendar entry on English proficiency standards and GRE admission requirements for applicants to the Faculty of Graduate Studies. The circulated document outlined a number of editorial changes, including deletion of programs no longer offered, up-to-date information for current programs and more test options for applicants to satisfy admission requirements.

DOCTORAL DEGREES: ENGLISH LANGUAGE PROFICIENCY REQUIREMENT – FACULTY OF GRADUATE STUDIES

The Committee recommended for approval a revised calendar entry on the English language proficiency requirement for applicants to doctoral programs in the Faculty of Graduate Studies. The circulated document outlines a number of editorial changes and additional test options for applicants to satisfy the English language proficiency requirement for admission.

*Dr. Anstee
Mr. Hajian*

} *That Senate approve the changes in admission requirements for applicants to the Bachelor of Education program, effective for admission to the 2011 Winter Session and thereafter; and*

That Senate approve the revised calendar entry on English proficiency standards and GRE admission requirements for applicants to the Faculty of Graduate Studies, effective for entry to the 2012 Summer Session and thereafter; and

That Senate approve the revised calendar entry on English language proficiency requirement for applicants to doctoral programs in the Faculty of Graduate Studies, effective for entry to the 2012 Summer Session and thereafter.

Carried.

APPLICANTS FOLLOWING THE BC/YUKON SECONDARY SCHOOL CURRICULUM: ENGLISH 11 FIRST PEOPLES

The Committee recommended for approval changes in admission requirements for applicants following the BC/Yukon secondary school curriculum. For admission to an undergraduate degree program, applicants could satisfy the English 11 admission requirement by completion of English 11 First Peoples.

MINIMUM ACADEMIC STANDARD FOR SECONDARY SCHOOL APPLICANTS

The Committee recommended for approval a proposed increase to the University's minimum admission average for applicants from secondary school to first-year undergraduate programs from 67% to 70%, and associated Calendar changes.

<i>Dr. Anstee</i>	}	<i>That Senate approve changes in admission requirements for applicants following the BC/Yukon secondary school curriculum, effective for admission to the 2011 Winter Session and thereafter; and</i>
<i>Dr. Rucker</i>		

That Senate approve the increase in the University minimum admission average for applicants from secondary school to the first year of all direct-entry undergraduate programs from 67% to 70%, effective for admission to the 2012 Winter Session and thereafter.

DISCUSSION

Dr. Rucker requested clarification about the proposal to increase the University minimum admission average. Dr. Anstee confirmed that it would be possible for high school students who had been offered admission to drop below the University minimum based on very poor performance in the final semester, causing revocation of the offer of admission.

Admissions Committee, continued

In response to a question from Mr. Mertens, Dr. Anstee stated that the number of students affected was expected to be very small, given that competitive admission averages were high. Dr. Marshall estimated that 20 to 25 applicants would be affected each year.

Dean Aboulnasr spoke in favour of setting higher minimum admission averages by program, expressing the opinion that it was unfair to allow an applicant's average to drop as low as 70 percent in the final calculation, while the program had already turned away applicants with much higher averages.

Mr. Rasmussen asked about options for applicants with academic averages falling below the University minimum who were talented in other areas, e.g., music. Dr. Anstee noted that the Admissions Committee considered appeals from these kinds of applicants.

In response to a question from Mr. Rasmussen, Dr. Anstee reported that the Committee had undertaken broad consultation on the proposal to raise the University minimum. Direct-entry programs had been consulted, as well as athletics and programs using broader-based admissions or separate processes for certain applicant groups. Consultants had recognized the need to ensure that incoming students were prepared for success. Dr. Harrison stated that the proposal to set a campus-wide minimum was intended to establish some level of uniformity. He predicted challenges in student recruitment and admissions if faculties were to each adopt a separate minimum average.

In response to a question from a student Senator, Dr. Anstee stated that, although higher numbers had been considered, 70 percent seemed a practical and effective threshold for eliminating applicants with a low chance of success.

Prof. Toope clarified that there was no separate admissions process for student athletes.

The motion was
put and carried.

Curriculum Committee

Committee Chair Dr. Marshall presented the report.

See also Appendix A: Curriculum Summary.

<i>Dr. Marshall</i>	}	<i>That the new and changed courses and programs brought forward by the Faculties of Applied Science, Arts, Forestry, Graduate Studies, and Science be approved.</i>
<i>Mr. Arciaga</i>		

Carried.

Joint Report from the Admissions Committee and the Curriculum Committee

Curriculum Committee Chair Dr. Marshall presented the report.

See also Appendix A: Curriculum Summary.

MASTER OF ENGINEERING IN ENGINEERING AND PUBLIC POLICY

The assembly recognized Dr. Eric Mazzi, Instructor, to provide an overview of the proposed Master of Engineering in Engineering and Public Policy.

<i>Dr. Marshall</i>	}	<i>That Senate approve the new Master of Engineering in Engineering and Public policy and its associated courses.</i>
<i>Dean Aboulnasr</i>		

In response to a question from Mr. Haffey, Dean Aboulnasr confirmed that the program anticipated that applicants would have a four-year undergraduate degree in engineering.

In response to a question from Mr. Arciaga, Dean Aboulnasr stated that the program had been in development for approximately 18 months, preceded by extensive discussion and consultation. She expressed her appreciation for the support of other academic units, including the College for Interdisciplinary Studies, the Faculty of Arts, the Faculty of Law, and the Faculty of Land and Food Systems.

Joint Report from the Admissions Committee and the Curriculum Committee, continued

Dr. Knight spoke in favour of the proposal, and was particularly pleased to note partnerships with Law and Economics.

The motion was
put and carried.

COMBINED DOCTOR OF PHILOSOPHY IN CRANIOFACIAL SCIENCE / DIPLOMA IN ENDODONTICS OR PERIODONTICS

<i>Dr. Marshall</i>	}	<i>That Senate approve the new Combined Doctor of Philosophy in Craniofacial Science / Diploma in Endodontics, and Combined Doctor of Philosophy in Craniofacial Science / Diploma in Periodontics programs.</i>
<i>Dr. Rucker</i>		

Carried.

Nominating Committee

As a member of the Committee, Mr. Gorman presented the report.

<i>Mr. Gorman</i>	}	<i>That Senate approve the following revision to the membership of the Senate Committee on Appeals on Academic Standing:</i>
<i>Mr. Hajian</i>		

*Appointment of Dr. Peter Leung to fill a
vacancy*

Carried by
unanimous
consent.

Student Awards Committee

As a member of the Committee, Dr. Cairns presented the report.

<i>Dr. Cairns</i>	}	<i>That Senate approve the new awards as listed and forward them to the Board of Governors for approval, and that letters of thanks be sent to the donors.</i>
<i>Mr. Kim</i>		

Student Awards Committee, continued

DISCUSSION

Dr. Baimbridge asked about the process for revising outdated award terms, stating that he had observed references to department names that no longer existed. Mr. Eaton noted that, although there was no process in place for systematic review of award terms, the Committee regularly considered proposals to update the terms for individual awards. Dr. Cairns invited Dr. Baimbridge to identify the awards in question to the Committee.

The motion was
put and carried.

Tributes Committee

Committee Chair Dr. Thorne presented the report.

EMERITUS STATUS

See also Appendix C: Emeritus Status.

*Dr. Thorne
Dean Shuler*

} *That the attached list of individuals for emerita or emeritus status be approved and that, pursuant to section 9(2) of the University Act, all persons with the ranks of Professors Emeriti, Associate Professors Emeriti, Assistant Professors Emeriti, Senior Instructors Emeriti, Instructors II Emeriti, Instructors I Emeriti, General Librarians Emeriti and Administrative Librarians Emeriti be added to the Roll of Convocation.*

Carried.

Adjournment

There being no further business, the meeting was adjourned. The following regular meeting of the Senate was scheduled for January 19, 2011.

APPENDIX A: CURRICULUM SUMMARY

Applied Science

The following **new course**:

MECH 358 (3)

The following **new subject code**:

IGEN

Arts

NEW COURSES

LING 222 (3)

SOWK 450 (3)

FIPR 269 (3/6) D

CHANGED COURSES

FIPR 338 (3)

ARTS PARCHMENT

Co-operative Education Program

Forestry

The following **new courses**:

CONS 210 (3)

CONS 350 (3)

CONS 351 (3)

CONS 352 (3)

CONS 353 (3)

CONS 354 (3)

The following **program statement**:

Haida Gwaii Semester

Graduate Proposals

APPLIED SCIENCE

NEW PROGRAM:

Master of Engineering in Engineering and Public Policy

Appendix A: Curriculum Summary, continued

NEW COURSES:

CEEN 580 (1-6) C
CEEN 590 (1-6) D
ENPP 501 (3)
ENPP 502 (3)
ENPP 503 (3)
ENPP 504 (3)
ENPP 596 (6)
ENPP 597 (1)

DENTISTRY

Combined Doctor of Philosophy in Craniofacial Science / Diploma in Endodontics or Periodontics

Science

NEW AND CHANGED COURSES

CHEM 213 (3)
CHEM 245 (1)
CHEM 304 (3)
CHEM 305 (3)
CHEM 307 (3)
CHEM 309 (3)
CHEM 310 (3)
CHEM 311 (3)
CHEM 445 (3)
MATH 264 (1)
MATH 358 (3)
MATH 360 (3)
MICB 424 (3)
PHYS 333 (3)
ENPH 253 (3)
ENPH 257 (2)
ENPH 259 (2)
ENPH 270 (2)
ENPH 352 (2)

NEW SUBJECT CODE

ENPH – Engineering Physics

Appendix A: Curriculum Summary, continued

NEW AND CHANGED PROGRAMS AND SPECIALIZATIONS

Bachelor of Science > Biology > Combined Honours

Bachelor of Science > Chemistry > Combined Honours > Chemical Biology

Bachelor of Science > Earth and Ocean Sciences > Combined Major > Oceanography and Biology

Bachelor of Science > Earth and Ocean Sciences > Combined Major > Oceanography and Physics

Bachelor of Science > Earth and Ocean Sciences > Minor > Oceanography

APPENDIX B: NEW AWARDS

Canada BAR Association of British Columbia Branch Entrance Award: Awards totalling \$4,000 have been endowed by the Canadian Bar Association British Columbia Branch (CBA BC) for first year students entering the J.D. program. This award recognizes the promotion of Justice and/or law reform through exemplary public or community service, extra-curricular activities at educational institutions, volunteer work with community or charitable organizations, or any kind of public service activities. This award is made on the recommendation of the Faculty of Law. (First Available 2011W Session)

ECHORIDGE Educational Foundation Scholarship in Medicine: A \$1,000 scholarship is offered by Janice Wilson and the Echoridge Educational Foundation for a domestic student in the MD program who, in the opinion of the Faculty, has outstanding academic achievement and personal qualities. Recommendation is made by the Faculty. (First Available 2011W Session)

William J. GODOLPHIN Prize: A prize of \$300 is awarded to the graduating student in the BMLSc program who has demonstrated excellence in critical thinking. The award is made on the recommendation of the coordinators of BMLSc courses that emphasize critical thinking (PATH 404, PATH 405, PATH 406 and PATH 407). Recommendation is made by the Faculty of Medicine. (First Available 2010W Session)

Irene GOLDSTONE HIV/AIDS and Social Justice Graduate Scholarship: Scholarships totalling \$1,000 have been endowed in recognition of Irene Goldstone's commitment to improving the lives of persons living with HIV/AIDS and the commitment of nurses engaged in HIV/AIDS and social justice. To be considered, candidates must be graduate students in the School of Nursing who are conducting research in HIV/AIDS or social justice. Recommendation is made by the School in consultation with the Faculty of Graduate Studies. (First Available 2011W Session)

KHYENTSE Foundation Award for Excellence in Buddhist Studies: Awards totalling \$1,000 are offered by the Khyentse Foundation to recognize undergraduate or graduate student achievement in Buddhist Studies, especially expertise in the classical languages of Buddhist traditions. Awards are made on the recommendation of the Department of Asian Studies and, in the case of graduate students, in consultation with the Faculty of Graduate Studies. (First Available 2010W Session)

James A. MOORE Major Entrance Scholarship: A \$10,000 Major Entrance Scholarship is offered by The James A. and Donna-Mae Moore Foundation to a student entering the Faculty of Science with outstanding academic achievement, preferably in Mathematics. Students who have expressed an interest in pursuing a career in teaching will be given preference. Mr. Moore was an alumnus of UBC, Double Honours Baccalaureate Degree in Mathematics and Chemistry 1932, Master of Arts, 1939. An enthusiastic teacher and pioneer of the B.C. Community College System, he dedicated his career to helping students realize their academic potential. The award can be renewed for an additional three years or until the first undergraduate degree is obtained, whichever is the shorter period.

Appendix B: New Awards, continued

If the recipient chooses to pursue a Combined Honours Degree in Mathematics and either Chemistry, Physics, or Biology, he or she would then be a candidate for the higher-valued James A. Moore Memorial Scholarship beginning in the third year. The successful candidate will be selected by the Major Entrance Scholarship Selection Committee. (First Available 2011W Session)

James A. MOORE Memorial Scholarship: A \$15,000 Scholarship is offered by The James A. and Donna-Mae Moore Foundation to a Canadian student entering third year pursuing a Combined Honours Degree in Mathematics and either Physics, Chemistry or Biology. Mr. Moore was an alumnus of UBC, Double Honours Baccalaureate Degree in Mathematics and Chemistry 1932, Master of Arts, 1939. An enthusiastic teacher and pioneer of the B.C. Community College System, he dedicated his career to helping students realize their academic potential. The award may be renewed for an additional year or until the first undergraduate degree is obtained, whichever is the shorter period. The award may then also be renewed for an additional year if the recipient enrolls in the Faculty of Education to specialize in Mathematics and Science education after receiving a Combined Honours Degree from the Faculty of Science. The recipient cannot receive the James A. Moore Memorial Scholarship and the James A. Moore Major Entrance Scholarship concurrently. The award will be made on the recommendation of the Faculty of Science. (First Available 2011W Session)

Jocelyn NOEL Scholarship in Viola: A \$1,000 scholarship has been endowed by Jocelyn Noel (BEd'70, DipArtHis'02) for undergraduate or graduate students studying viola in the School of Music. Jocelyn Noel (née Dyke) has dedicated her life to music, playing violin and viola as a soloist and chamber musician, and as a member of the West Coast Symphony for more than 20 years. She helped found, along with Greg Millar, the first orchestra at UBC in 1944. It is her wish that this scholarship inspires a passion for music in future generations. The award is made on recommendation of the School, and in the case of a graduate student, with consultation from the Faculty of Graduate Studies. (First Available 2011W Session)

PREVIOUSLY-APPROVED AWARDS WITH CHANGES IN TERMS OR FUNDING SOURCE:

University of BC Social Work ALUMNI Division Bursary – One or more bursaries totalling \$2,200 have been endowed by UBC Social Work Alumni. The award is offered to students in the School of Social Work.

Reason for change: Request to remove 'and Family Studies' from the end of the description as Family Studies is no longer relevant to the description.

Walter GAGE Memorial Bursary in Engineering – Bursaries totalling \$1,500 have been endowed by Richard Ott, P.Eng. (B.A.Sc.1957) in memory of Walter Gage. Professor Gage served UBC for more than fifty years, including as Dean of Administrative and Inter-Faculty Affairs, Dean of Inter-Faculty and Student Affairs, acting President, and President (1969-1975). Mr. Ott greatly appreciated the mentorship and support pro-

Appendix B: New Awards, continued

vided to him by Dean Gage when Mr. Ott was an engineering student. To be considered, candidates may be in any year of the engineering program, and must be Canadian Citizens who graduated from a BC high school. Recommendations are made by the Office of Student Financial Assistance and Awards.

Reason for change: Students must be Canadian Citizens and have graduated from a BC High School to be eligible for consideration.

Jennie Gillespie DRENNAN Memorial Scholarship – Income of \$10,900 per annum from the Albert Alexander Drennan Memorial Scholarship Fund in memory of Jennie Gillespie Drennan, M.D., 1895, Queen's College, Kingston, Ontario, will provide a scholarship for a deserving woman student in the Faculty of Medicine. The award is made on the recommendation of the Faculty of Medicine.

Reason for change: The donor wants the scholarship to benefit only one student.

Agnes and Gilbert HOOLEY Scholarship in Chemistry – J. Gilbert Hooley (1914-1987), who grew up in Vancouver, obtained his B.A. (1934) and M.A. (1936) from UBC and his Ph.D. (1939) from MIT. After three years with Corning Glass Works, Dr. Hooley joined the UBC Chemistry Department (1942) where he remained until his retirement in 1979. The data he produced on the atomic weight of rubidium for his master's thesis is still being used today and is considered a classic piece of research in this field. While at UBC, Dr. Hooley carried out pioneering research in the areas of specific heat measurements and staging in graphite compounds. In 1979 he received the prestigious Charles E. Pettenos Award, an international honour granted by the American Carbon Society. Dr. Hooley married Agnes Schroeder in 1939. She was also an honours student in chemistry at UBC, B.A. (1938). Mrs. Hooley taught large, first-year chemistry classes at UBC from 1944 to 1956. She also completed an M.A. in Adult Education at UBC and earned two degrees in Music (A.T.C.M. and L.R.S.M.). Dr. and Mrs. Hooley had a life-long involvement with music, literature and the arts plus a serious and wide-ranging concern about broader social issues. In addition, they were active out-of-doors: skiing, hiking and sailing. In recognition of the contributions of Dr. and Mrs. Hooley to the academic and cultural life at UBC, scholarships valued up to the cost of one year's tuition (based on domestic tuition, credit costs only, and limited to 30 credits for undergraduates) have been endowed by their colleagues and friends. These scholarships are available to: two second-year chemistry students continuing into a third-year chemistry program at UBC; two third-year chemistry students continuing into a fourth-year chemistry program at UBC; and two graduate students enrolled in a chemistry program at UBC. Preference is given to students who indicate some awareness of the social role of science. Awards are made on the recommendation of the Hooley Fund Committee within the Department of Chemistry, and in the case of graduate students, in consultation with the Faculty of Graduate Studies. The awards are made in the following September.

Reason for change: The fund has grown enough that the donor's initial wishes can be realized. Specifically, that they be offered to 2nd, 3rd, 4th year undergraduate students as well as graduate students.

Appendix B: New Awards, continued

Peter M. LANSDORP Bursary – A bursary of \$200 has been endowed by Dr. Peter M. Lansdorp through his company, Tetramerics Biotechnology Inc., for a student in any year or faculty who is in need of financial assistance to begin or continue his or her postsecondary education.

Reason for change: The donor wants the bursary to benefit only one student.

McMillan LLP (Vancouver) Peter M. BARK Memorial Scholarship – A scholarship of \$2,500 is awarded to a full-time law student who achieves high academic performance in their first year of law and has made a significant contribution to law school and community life. This scholarship is to honour the memory of Peter Bark, who worked as a law librarian at McMillan LLP, (formerly Lang Michener LLP), and died in 1990 at the age of 35 from complications arising from *HIV/AIDS*. The award is made on the recommendation of the Faculty of Law.

Reason for change: Name of the law firm changed from Lang Michener to McMillan LLP.

APPENDIX C: EMERITUS STATUS

Carty, R Kenneth: Professor Emeritus of Political Science

Clauson, Marion: Senior Instructor Emerita of Nursing

Erickson, Gaalen: Professor Emeritus of Curriculum & Pedagogy

Evans, Robert G.: Professor Emeritus of Economics

Fyfe, Colin: Professor Emeritus of Chemistry

Grams, Garry: Assistant Professor Emeritus of Family Practice

McMillan, J. Malcolm: Professor Emeritus of Physics & Astronomy

Meek, Robert: Clinical Professor Emeritus of Orthopaedics

Millen, Sandra: Senior Instructor Emerita of Zoology

Patterson, Caroline: Clinical Professor Emerita of Medicine

Riddle, Don: Professor Emeritus of Medical Genetics

Russell, Mary: Professor Emerita of Social Work

Seal, Andrew M.: Associate Professor Emeritus of Surgery

Ward, Helen: Associate Professor Emerita of Medicine

Wojtowicz, Jerzy: Professor Emeritus of Architecture

Wong, Norman: Professor Emeritus of Medicine

Yee, Marguerite: Senior Instructor Emerita of Pharmaceutical Sciences