



THE UNIVERSITY OF BRITISH COLUMBIA

Vancouver Senate Secretariat
Senate and Curriculum Services
Enrolment Services
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Vancouver, BC V6T 1Z1
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VANCOUVER SENATE

MINUTES OF SEPTEMBER 18, 1996

Attendance

Present: President D. W. Strangway (Chair), Vice President Academic D. R. Birch, Dean F. S. Abbott, Dr. P. Adebar, Mr. P. J. Andru, Mr. S. Arnold, Dr. D. R. Atkins, Dr. J. D. Berger, Dr. G. W. Bluman, Mr. J. Boritz, Mr. A. Briggs, Dr. P. C. Burns, Professor P. T. Burns, Ms. L. Chui, Dr. V. Froese, Dr. J. H. V. Gilbert, Ms. J. K. Gill, Dr. V. Gomel, Mr. C. L. Gorman, Dean F. Granot, Mr. H. D. Gray, Dr. A. G. Hannam, Rev. J. Hanrahan, Dr. P. G. Harrison, Dr. F. G. Herring, Dean M. J. Hollenberg, Dr. M. R. Ito, Mr. M. Kirchner, Dr. V. J. Kirkness, Dr. S. B. Knight, Mr. O. C. W. Lau, Mr. A. Legge, Dr. M. Levine, Mr. T. P. T. Lo, Mr. S. Lohachitranont, Mr. R. W. Lowe, Dr. D. J. MacDougall, Dr. M. MacEntee, Dr. P. L. Marshall, Dr. K. May, Dean B. C. McBride, Mr. B. G. McDonald, Dr. W. R. McMaster, Mr. W. McMichael, Dean A. Meisen, Mr. J. Murray, Dean S. Neuman, Mr. J. Nobbssen, Mr. V. Pacradouni, Dr. R. J. Patrick, Mr. R. L. de Pfyffer, Dr. W. J. Phillips, Professor M. Quayle, Dean J. F. Richards, Dr. H. B. Richer, Dr. D. P. Rolfsen, Dr. H. J. Rosengarten, Dr. R. W. Schutz, Dean N. Sheehan, Mr. D. Shu, Dr. C. E. Slonecker, Dean C. L. Smith, Mr. A. H. Soroka, Ms. L. M. Sparrow, Dr. J. R. Thompson, Dr. M. Thompson, Dr. S. Thorne, Dr. W. Uegama, Dr. B. J. Van der Kamp, Dr. J. Vanderstoep, Mr. D. R. Verma, Dr. P. A. Vertinsky, Dr. D. Ll. Williams, Dr. W. C. Wright, Dr. R. A. Yaworsky, Dean E. H. K. Yen.

Regrets: Chancellor W. L. Sauder, Dean C. S. Binkley, Mr. P. T. Brady, Dean M. Goldberg, Mr. D. K. Leung, Professor P. T. K. Lin, Dr. D. M. Lyster, Mr. W. B. McNulty.

Senate membership

DECLARATION OF VACANCY (*UNIVERSITY ACT*, SECTION 35 (6))

Ms. Carol Ng – Student representative of the Faculty of Pharmaceutical Sciences

INTRODUCTION OF SENATORS

President Strangway welcomed new and returning members of Senate.

Minutes of the previous meeting

Dr. Berger

Dean McBride

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That the minutes of the ninth regular meeting of Senate for the Session 1995 having been circulated, be taken as read and adopted.

Carried.

Business arising from the Minutes

ACADEMIC ADVISING (P.11480)

Notice of motion by Ms. Lica Chui was given at the May meeting proposing that Senate establish an *ad hoc* committee to look at the issue of academic advising for undergraduate students.

In presenting the motion to Senate, Ms. Chui stated that the proposal was based on the results of a survey initiated by the AMS University Commission and the Student Senate Caucus after receiving expressions of concern from students about academic advising on campus. In general, students who took part in the survey were satisfied with the availability, the knowledge, and the help they received from advisors. However, concern was expressed about a perceived lack of friendliness and sympathy on the part of some advisors. Ms. Chui emphasized that the intent of the motion was to ensure that students seeking advice are treated with respect and courtesy and it was not in any way being suggested that rules be bent. Another concern brought to light by the survey was the hours in which advising is available, and it was suggested that perhaps advising hours could be lengthened or that advisors could be available during lunch hours or after classes have ended. Also, the expectations and changing needs of UBC students was reflected in the request for more career guidance.

Ms. Chui noted that some of the services requested by the students surveyed, such as career guidance, already exist, so obviously the university needs to do more in the way of advertising these services to students and making sure that advisors are knowledgeable about the advice they give.

After highlighting various other aspects of the survey, such as centralization versus decentralization of academic advising services within a faculty, accountability for advice given, the option of a written record of advice sought and received, Ms. Chui moved the following motion.

Ms. Chui
Mr. Gorman

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That Senate establish an ad hoc committee to:

1. *formulate and recommend to Senate a university-wide policy on academic advising;*
2. *review the following items and report its findings to Senate:*
 - a. *the rationale for having academic advising in the portfolio of the Vice-President Academic and Provost as opposed to in the Vice-President, Student and Academic Services, and*
 - b. *the selection processes and criteria for academic advisors;*
3. *address the major issues highlighted in the report presented to Senate by the Alma Mater Society, making any necessary recommendations to Senate; and*
4. *make any recommendations the committee considers advisable arising from the consideration of the above items.*

Dean Neuman agreed that this was an important issue and, because student advising is handled differently across campus, that it might well be looked into in some systematic way. She stated, however, that she had a problem with using the survey as the basis for the motion in that it leads students to express criticism rather than praise, and because some of the questions are capable of many interpretations. Dean Neuman stated that while there might be very good reasons for looking at advising, she did not think that the survey in itself constituted such a reason, nor did she consider it to be an adequate instrument on which to base conclusions about levels of dissatisfaction in that only 123 Arts students, less than 1% of undergraduate enrolment, were surveyed.

In amendment

Dr. Williams
Mr. Gray

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That the motion be referred to the Senate Academic Policy Committee.

Lost.

The original motion was
then put and carried.

Chair's remarks and related questions

President Strangway informed members of Senate that, following the December meeting, a reception will be held at Norman MacKenzie House so that members can meet each other informally.

The President asked Vice President Birch to comment on the Rick Hansen Institute. Vice President Birch explained that the Rick Hansen Institute is a generic name used to characterize a cluster of activities and funds being brought together. He stated that endowment funds had been established for the Disability Resource Centre, the Rick Hansen National Fellow Program, and the Life Skills Motivation Centre (within UBC) and the Man-in-Motion Foundation (independent of UBC). Creation of these institutions was, to a large extent, through the inspiration and impetus of Rick Hansen and the University's teamwork. These entities have similar and overlapping mandates and different ways of governing the endowments. Consequently, the university was approached by Rick Hansen and representatives of a number of the entities asking the university to work with them to merge the units. The Board of Governors authorized the President, on behalf of the Board, to work to establish a single trust which would bring the endowments together. It would bring within the Rick Hansen Institute a large endowment, a clear mandate, and the opportunity of sharing services across the various entities. Vice President Birch noted that this proposal was opportune in that this year is the tenth anniversary of The Man In Motion World Tour, an occasion that will be used to generate additional capital and endowment for the Rick Hansen Institute, and to leave legacy funds in several provinces. A motion to establish the Rick Hansen Institute will be brought before Senate and the Board of Governors.

From the Board of Governors

NOTIFICATION OF APPROVAL IN PRINCIPLE OF SENATE RECOMMENDATIONS

Subject, where applicable, to the proviso that none of the programs be implemented without formal reference to the President; and that the Deans and Heads concerned with new programs be asked to indicate the space requirements, if any, of such new programs.

- i. Awards (p. 11412 & pp.11427) (p.11471 & p.11499-502)
- ii. Curriculum proposals from the Faculties of Arts, Law, and Science (pp.11410-11 & 11424-6) Applied Science, Forestry, Graduate Studies (including a new Master of Landscape Architecture program), and the School of Nursing (pp.11464-5 & 11489-94).

Senate Nominating Committee Membership

DECLARATION OF VACANCY

In accordance with regulation 4.1.5 of the Rules and Procedures of the Senate, a student vacancy on the Senate Nominating Committee was declared. Senate was informed that a call for nominations would be sent out following the meeting and, if necessary, an election will take place at the October 16, 1996 Senate meeting.

Preliminary enrolment figures 1996

The preliminary enrolment figures for September 1996 were circulated at the meeting, for information.

Reports of Committees of Senate

ADMISSIONS COMMITTEE

The committee recommended approval of admission requirements for the Master of Landscape Architecture degree program, which had been approved by Senate in May of this year.

Prof Quayle
Dean Granot

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*That the admission requirements for the
Master of Landscape Architecture degree
program be approved.*

Carried.

CURRICULUM COMMITTEE

Dr. Berger reminded Senate that at the May 15, 1996 meeting, Senate delegated to the Senate Curriculum Committee the power to approve and recommend to the Board of Governors curriculum changes proposed by faculties and schools prior to the September 1996 meeting of Senate, with the proviso that the committee report back to Senate on the decisions taken and the implications of those decisions.

The committee received and considered a proposal from the Faculty of Applied Science to assign 3 credits to a number of co-operative education courses that had not previously carried a credit value. The committee considered the academic merits of the proposal and voted in favour of assigning 3 credits to each of the existing co-operative education courses in the Faculty of Applied Science, retroactive to May 1, 1996.

NOMINATING COMMITTEE

Dr. Williams, chair of the committee, presented recommendations for membership on Senate committees for the three year term 1996ill replace Dr. Gomel on the Committee on Appeals on Academic Standing. Dr. Williams reminded Senate that recommendations for student membership on the various committees are made annually and that the current assignments were approved at the May meeting.

<i>Dr. Williams</i>	}	<i>That the recommendations of the Nominating Committee be approved.</i>
<i>Dr. MacDougall</i>		

Carried.

Dr. Williams reminded Senate that section 36 (a) of the *University Act* states that Senate shall elect a Vice Chair at least annually, who shall chair meetings in the absence of the President; but in no case shall a Vice Chair serve more than two consecutive terms.

<i>Dr. Williams</i>	}	<i>That Dr. Stanley B. Knight serve as Vice Chair of Senate for the 1996-97 Session.</i>
<i>Dr. MacDougall</i>		

Carried.

STUDENT AWARDS

New awards (see Appendix)

Dr. Cook, past chair of the committee, had been invited to attend Senate to present a list of awards which had been approved by the committee during the summer when Senate was not in session. Dr. Cook noted that of the eleven new scholarships listed, four are available to undergraduate or graduate students while the remaining 7 are limited to undergraduates. In addition, the list contained three sizeable fellowships, six bursaries, four other monetary awards and one prize. Dr. Cook informed Senate that the number of awards received was unusually large for a summer period.

*Dean Granot
Mr. Gorman*

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*That the awards (listed in Appendix) be
accepted and forwarded to the Board of
Governors for approval and that letters of
thanks be sent to the donors.*

Carried.

STUDENT APPEALS ON ACADEMIC DISCIPLINE

The following report on appeals dealt with by the committee from 1993n circulated for information:

1993/94

Five cases:

1. appellant failed to attend hearing
2. plagiarism - appeal dismissed
3. copied substantial portions of another student's paper - appeal allowed in part - period of suspension from University changed
4. submitting a paper written by another student which was plagiarized by that student - appeal allowed in part - period of suspension from University changed
5. cheated in an examination - appeal allowed in part - period of suspension from University changed.

1994/95

One case:

1. appeal dismissed.

1995/96

Six cases:

1. submitted a paper written by another student - appeal dismissed
2. plagiarism - appeal allowed in part - period of suspension from the University changed
3. inappropriate letter of apology - appeal allowed in part
4. plagiarism - appeal allowed in part - period of suspension from the University changed
5. forged loan application - appeal dismissed
6. cheating - asked another student to write examination - reported it to instructor after commencement of exam - appeal allowed in part

TRIBUTES COMMITTEE

Memorial Minutes

In accordance with established procedures, Dean McBride presented the following memorial minutes which had been circulated:

FRITZ BOWERS (1925-1996)

Fritz Bowers was born in Stettin, Germany, on December 13, 1925. Prior to the Second World War, he escaped from Germany and settled in England with his brothers and parents. He graduated from Cambridge and moved to Vancouver in 1948. His first appointment at UBC was as an associate professor in Electrical Engineering. He was promoted to full professor in 1964. He also served on Senate from 1963

His career was broad with distinction. As an academic, scientist and administrator at UBC he was well respected and his inventiveness lead to the development of four patents in the field of communications. He entered civic politics in 1969 when he was elected as a Vancouver School Trustee. In 1971 he was chair of the Vancouver School Board and in 1972 he was elected to Vancouver City Council as an alderman. He served as City Manager of Vancouver from 1977 was accorded Professor Emeritus status upon retirement in 1990.

Fritz Bowers combined his academic and civic careers for the betterment of his university and community. He distinguished himself as an academic, a professional and as a civic leader.

HENRY ELDER (1909-1996)

Henry Elder was born in Salford, Lancashire, England, in 1909. He received his education in the School of Architecture at the University of Manchester, the Manchester College of Technology and the Royal Technical College in Salford. He began a teaching career in 1933 at Manchester as well as a private practice where he specialized in theatre design. Professor Elder served with distinction in the British forces from 1940search. For his accomplishments during the Second World War, he received from His Majesty King George VI membership in the Most Excellent Order of the British Empire.

In 1958, he emigrated to North America when he was appointed professor in charge of graduate studies in architecture at Cornell University. President Norman MacKenzie recruited him to direct the School of Architecture at UBC in 1962. He remained director for twelve years until his retirement in 1974. Henry Elder was an advocate for change and he developed a school that the Commonwealth Association of Architects called "unique in the English-speaking world". Elder used a number of methods to develop a creative sense in his students. His directions were controversial and unorthodox. He encouraged student representation in all of the school's committees and he fostered the increased enrolment of women into the School of Architecture. He stated that "The most significant change is that the school has been concerned with understanding architecture rather than the production of architects". In many ways his School of Architecture, its students and its faculty mirrored the changing culture of society in the late 1960s.

Professor Elder served on the UBC Senate from 1963was critical about the status quo in the University, the city and our society. He was, in turn, both criticized and lauded for his unique approach to educating students and faculty about architecture. He firmly believed that "students should not lose sight of their real purpose in changing civilization". Professor Elder was recognized nationally and served on the Architectural Advisory Board in Ottawa, the West Cana Centre in Regina and was a Lieutenant-Governor appointee to the Architectural Institute Council of B.C.

DOUGLAS T. KENNY (1924-1996)

President Emeritus Douglas T. Kenny was a member of Senate from 1966-1983. He served as a member at-large for his first four years and then as Dean of Arts and, finally, as President and Chair of Senate from 1975-83.

Douglas Kenny was a native British Columbian, born in Victoria and Educated at Victoria College and UBC. He received his B.A. and M.A. from UBC and his Ph.D. at the University of Washington. His academic

interests were in teaching and research in the areas of personality and learning, developmental psychology and patterns of child development. He assumed the headship of the Department of Psychology in 1964 and was appointed Dean of the Faculty of Arts in 1970. As head of Psychology he laid the foundations which enabled that department to achieve its present distinction as one of the premiere psychology departments in Canada. As Dean of Arts from 1970 to 1975, he led the Faculty with skill and distinction through a period which saw many challenges to the academic environment of universities in North America.

In 1975 Douglas Kenny was installed as the seventh President of The University of British Columbia. His commitment to excellence and his devotion to the betterment of this University, its students, its faculty and its staff were first and foremost in his administration goals. Under his leadership, a wide range of new academic programs and physical facilities were approved for development by the Senate. These accomplishments under his Presidency added significantly to the reputation of UBC as a University that was recognized and respected throughout the world.

President Kenny was a strong advocate for the cause of higher education in Canada. He played an important role in the advancement of scholarship and learning as a member of the Governing Board of the Canada Council (1975-78) and of the Social Sciences and Humanities Research Council of Canada (1978-83). The Senate recognized his contributions to higher education and his Alma Mater by conferring the Honorary Degree of Doctor of Laws, *honoris causa*, in 1983. In 1984 the Senate also designated the newly constructed facility that houses the Department of Psychology on West Mall, the Douglas T. Kenny Building. His record of accomplishment and his memory will be sustained by a grateful university and the many academic colleagues that served with and under him in the 1960s to 1980s.

PETER ANTHONY LARKIN

Peter A. Larkin died on July 10, 1996 in Vancouver. Dr. Larkin was a member of Senate from 1966-1972 as a member at-large and from 1975-1984 as Dean of Graduate Studies. He was a remarkable man and highly respected by all for his scholarship, administrative skills, his wit and his engaging and warm personality.

He was born in New Zealand, raised in Saskatchewan, and studies in Regina College at the University of Saskatchewan where he received the Governor General's Gold Medal in 1946. In that same year he began his doctoral studies at Oxford as a Rhodes Scholar. In 1948, he joined the Institute of Fisheries and the Department of Zoology at UBC and remained at UBC (except for a period from 1963-66 when he served as Director of the Pacific Biological Station in Nanaimo) until his retirement in 1990.

He was internationally renowned as an expert and leader in fisheries biology, aquatic ecology and science policy. He served on many scientific boards including the NRC, NSERC, the Science Council of Canada, Science Council of B.C. and the Royal Society of Canada Research Evaluation Committee. He was also a member of the Fraser River Fisheries Commission and the Board of B.C. Packers Ltd.

Peter Larkin received many distinguished awards for his accomplishments as a scientist, an academic and a citizen. These include: UBC's Master Teacher's Award in 1971, membership in the Royal Society of Canada, UBC 75th Anniversary Award, Carl L. Sullivan Conservation Award from the American Fisheries Society and the Science Council of B.C. Career Achievement Award. In 1995 he was elected as a Member of the Order of Canada and in 1996 to the Order of British Columbia. Dr. Peter Larkin was awarded the esteemed title of University Professor in 1988 for his outstanding and unique contributions to UBC. As Eric B. Taylor noted in his memorial, "Dr. Larkin will be fondly remembered by all at UBC as a distinguished scholar, colleague, educator and administrator who gave so much of himself for the betterment of university life."

KENNETH CLIFFORD MANN (1910-1996)

Professor Ken Mann was born October 2, 1910 in Swift Current, Saskatchewan. He attended the University of Saskatchewan and received his B.Sc. in 1931 and a B.Ed. in 1933. He taught high school science for two years before entering graduate school at the University of Toronto. Dr. Mann earned his M.A. and Ph.D. in Physics in 1936 and 1939, respectively. Following his Ph.D., he was recruited to UBC's Department of Physics by Gordon Shrum. From 1944-45 he was assigned to service with the National Research Council. Here he worked as Design and Production Engineer and lead a team of scientists and technicians that developed the "268" radar set for the Allied Naval Forces. He also served as an advisor to the British Admiralty. In recognition of his wartime contributions, Dr. Mann was awarded the Order of the British Empire in 1946.

He resumed his academic career at UBC in 1946 where he was an enthusiastic teacher and researcher working in nuclear physics. Ken Mann was also an advisor to UBC Presidents, MacKenzie, MacDonald and Gage. He served on the Senate from 1963-1966 as a member at-large. He also served as Acting Head of the Department of Physics when George Volkoff became Dean of Science. Ken Mann retired from UBC in 1976 but continued to serve UBC as a Presidential Advisor on policy matters, and he also served on the B.C. Universities Council. Ken was also an ardent golfer and snooker player and could be found with regularity in the games room of the Faculty Club enjoying a noontime game of snooker and advising on policy matters.

Ken Mann died on August 30, 1996 and he will be remembered as a distinguished Canadian, academic, colleague and friend of UBC. He possessed an abundance of creativity, wit, love for life and an indomitable spirit. He contributed in a significant way to the betterment of UBC and his community.

VLADIMIR OKULITCH (1904-1995)

Dr. Vladimir Okulitch was the first Dean of Science at The University of British Columbia. Born in Russia in 1904, he immigrated to Canada in 1927 and enrolled at UBC. He graduated with a Bachelor of Applied Science in 1931 and received a Master of Applied Science a year later. His doctoral studies were done at McGill in the fields of Geology and Paleontology. Following the completion of his Ph.D., he went to Harvard as a Research Fellow.

Dr. Okulitch was an outstanding scientist, an enthusiastic teacher and talented administrator. He was recognized as a world expert on trilobites, a common marine organism of the Paleozoic era. His research in this field led to his election to the Royal Society of Canada. He was also a keen amateur astronomer and an accomplished photographer. Dr. Okulitch's photographic work was frequently exhibited on the campus and throughout North America.

In 1972, the Senate of The University of British Columbia recognized Dean Emeritus Okulitch's contributions to UBC by conferring upon him an honorary degree, Doctor of Science, *honoris causa*.

Dean McBride
Dr. Slonecker

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*That the memorial tributes for Fritz Bowers,
Henry F. Elder, Douglas T. Kenny, Peter A.
Larkin, Kenneth Mann, and Vladimir
Okulitch, be recorded in the minutes of Senate.*

Carried.

Faculty of Medicine

**PROPOSAL TO ESTABLISH THE VANCOUVER VASCULAR BIOLOGY RESEARCH
CENTRE AND THE RESPIRATORY DISEASE CENTRE**

A proposal to establish the Vancouver Vascular Biology Research Centre and the Respiratory Disease Centre had been circulated.

Dr. Birch
Dean Meisen

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That the proposal to establish the Vancouver Vascular Biology Research Centre and the Respiratory Disease Centre be approved.

Carried.

Endowed Chairs in the Institute of Asian Research

Vice President Birch presented the following report, which had been circulated:

That Senate approve the naming for a number of endowed chairs in the Institute of Asian Research and recommend approval by the Board of Governors. The names should be as follows:

Current designation	New name
Chinese Research Chair A	Professor Louis Cha Chair in Chinese Research
Chinese Research Chair B	Republic of China on Taiwan Chair in Chinese Research
Japanese Research Chair A	Konwakai Chair in Japanese Research
Japanese Research Chair B	Keidanren Chair in Japanese Research
Korean Research Chair A	AECL/KEPCO Chair in Korean Research
Korean Research Chair B	Korea Foundation Chair in Korean Research

Background: The establishment of two chairs in each of the Centre for Chinese Research, the Centre for Japanese Research, and the Centre for Korean Research, in the Institute of Asian Research was approved by Senate and the Board in May, 1993. Each chair was endowed initially at a level of \$1,000,000 donor(s) and half from the government of British Columbia.

Dr. Birch
Dean Granot

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That Senate approve the naming for a number of endowed chairs in the Institute of Asian Research and recommend approval by the Board of Governors.

Carried.

Official Community Plan

Vice President Birch gave an oral presentation, accompanied by slides, on the preparation of the Official Community Plan (OCP) which has been going on for some time under the aegis of the Greater Vancouver Regional District. He explained that the administration wanted Senate to be aware of the presentations being made, although many members had already participated in several ways, either directly or through committees. It was felt, however, that it would be useful to share with Senate the ways in which the University had been seeking to put this plan in context for members of the community, both on and off campus. He stated that presentations had been made to the AMS, the Faculty Association, Deans, Heads and Directors, and chairs of Strata Councils at Hampton Place, and that there were to be public hearings before the plan is presented to the GVRD for final approval.

Several comments were made by members of Senate, and Vice President Birch expressed his thanks for their participation.

Other business

UBC ADVISORY COMMITTEE ON INFORMATION TECHNOLOGY

Reports on policy and scholarly resources from the UBC Advisory Committee on Information Technology had been circulated for information.

Dr. Gilbert explained that on April 19, 1995, Senate approved motions by the Senate Library Committee asking the President to establish two committees to look at major issues in connection with the serials crisis. He stated that in the past fourteen months, colleagues had spent a considerable amount of time working on literature in all formats, in an attempt to come to some reasoned opinions as to how UBC should go about confronting digital scholarly resources in the next century. The UBC Advisory Committee on Information Technology has established a standing committee

Adjournment

to implement the recommendations contained in the report and Dr. Gilbert encouraged senators to provide input as to how these recommendations should be handled.

Adjournment

The meeting adjourned at 9:35 p.m.

Next meeting

The next regular meeting of Senate will be held on Wednesday, October 16, 1996.

Appendix

AWARDS RECOMMENDED TO SENATE

BANK of Montreal Scholarship in Commerce - Two \$1,000 scholarships are offered by the Bank of Montreal to undergraduate students in the Commerce and Economics, Finance, General Business Management, or Marketing options. The awards will be made on the recommendation of the Faculty of Commerce and Business Administration. (Available 96W Session)

Margaret E. BARR Scholarship - A \$3,800 scholarship has been endowed by Dr. Margaret E. Barr Bigelow. The award is offered to a student in botany or biology, and will be made on the recommendation of the Departments of Botany and Zoology. In the case of graduate students, the award will be made in consultation with the Faculty of Graduate Studies. (\$450 available 96W Session)

Robert Victor BRANDON Bursary in Electrical Engineering - Bursaries to a total of \$1,000 have been endowed for students in Electrical Engineering. (Available 96W Session)

Emily and Francis BINKLEY Scholarship - A \$1,000 scholarship has been endowed in honour of Emily and Francis Binkley by Dr. Clark S. Binkley. The award is offered to an undergraduate student in the Faculty of Forestry. Preference is given first to First Nations students, then to female students in any program offered by the Faculty of Forestry. The award will be made on the recommendation of the Faculty of Forestry, and in the case of First Nations students, in consultation with the First Nations House of Learning. (Partial funding available 96W Session)

Patrick David CAMPBELL Graduate Fellowship - Fellowships totalling \$48,000 have been endowed by Patrick David Campbell, B.A.Sc. 1947 and the University of British Columbia. The awards are offered to graduate students in a master's or doctoral program and are made on the recommendation of the Faculty of Graduate Studies. (\$15,000 available 96W Session)

CANADIAN Chinese Help Care Society Graduate Scholarship - A \$1,800 scholarship has been endowed by the Canadian Chinese Help Care Society. The award is offered to graduate students pursuing the study of Chinese literature or culture, and is made on the recommendation of the Department of Asian Studies in consultation with the Faculty of Graduate Studies. (\$450 available 96W Session)

CANADIAN National Railway Fellowship in Transportation Studies - A \$15,000 fellowship has been endowed by Canadian National Railway (CN) and the Province of British Columbia to promote transportation research in the Centre for Transportation Studies. The award is made on the recommendation of the Faculty of Commerce and Business Administration in consultation with the Faculty of Graduate Studies. (\$12,500 Available 96W Session)

Leslie and Greta CARTER Memorial Scholarship in Engineering - A scholarship equal to the current tuition (credit cost) in second year Applied Science, for the year of the award, \$3,200 for 1995/1996, has been endowed in memory of Leslie and Greta Carter by their family. The award is offered to an undergraduate student entering second year Engineering, and is made on the recommendation of the Faculty of Applied Science. (Available 96W Session)

Appendix

CENTRAL Guaranty Trust Company National Entrance Scholarship - A \$2,500 scholarship has been endowed by Central Guaranty Trust Company and the Province of British Columbia. For the first five years beginning 96W, the award is offered to a student intending to enter the undergraduate program in the Faculty of Commerce. Subsequently, the scholarship will be offered to students entering any faculty directly from secondary schools. (Available 96W Session)

Constance Eden **DINGWALL** Graduate Scholarship in Ophthalmology - Scholarships to a total of \$6,000 have been endowed through a bequest from Constance Eden Dingwall. The awards are offered to graduate students specializing in ophthalmology and are made on the recommendation of the Department of Ophthalmology in consultation with the Faculty of Graduate Studies. (\$3,600 available 96W Session)

Jeffrey D. **DOLPH** Memorial Bursary in Medicine - Bursaries to a total of \$650 have been endowed by family and friends in memory of Dr. Jeffrey D. Dolph and are offered to students in the M.D. program who have successfully completed first year of the program. (Available 96W Session)

Bernard and Dorothy **GREEN** Mechanical Engineering Design Competition Award - A \$300 book award has been endowed by Dr. Sheldon I. Green in honour of his parents. The award is made available to undergraduate students in the Department of Mechanical Engineering who participate in extracurricular student design competitions. The award is made to a student who exhibits strong leadership and team spirit. The award is made on the recommendation by the Department of Mechanical Engineering. (Available 96W)

Grant F. **HURST** Memorial Scholarship in Music - A \$700 scholarship has been endowed by friends and family in memory of Grant F. Hurst. The award is available to an accompanist or vocal coach in the School of Music. The award is made on the recommendation of the School of Music and in the case of graduate students, in consultation with the Faculty of Graduate Studies. (Available 96W Session)

LEVELTON Associates Bursary in Engineering - Bursaries to a total of \$2,000 have been established by Levelton Associates for undergraduate students in civil, mechanical, metallurgical, chemical or geotechnical engineering. (Available 96W Session)

Dorothy J. **LOGAN** Memorial Scholarship in Nursing - Scholarships to a total of \$1,100 have been endowed by family and friends in memory of Dorothy Jean Logan (UBC/VGH Nursing 1950). The awards are offered to students in nursing and will be made on the recommendation of the School. Preference may be given to students with demonstrated volunteer activity. (Available 96W Session)

Carol **MATUSICKY** Prize in Family Studies - A \$300 prize has been endowed by family, friends, and colleagues in honour of Dr. Carol Matusicky's tenth anniversary as Executive Director of the B.C. Council for the Family. The award is offered to a graduate student in Family Studies and will be made on the recommendation of the School of Family & Nutritional Sciences in consultation with the Faculty of Graduate Studies. (\$260 Available 96W Session)

MERCK Frosst National Entrance Scholarship - Five scholarships of \$3,000 each have been endowed by Merck Frosst Canada Inc. and the Province of British Columbia. The awards are offered to undergraduate students entering the Faculty of Science from secondary schools. Candidates must complete the Application for University of British Columbia Entrance Scholarships. Completed applications must be received by the University no later than April 15. (\$14,500 available 96W Session)

Appendix

Mary E. and James E. **MCEWEN** Memorial Bursary - A \$2,000 bursary has been endowed in memory of Mary E. and James E. McEwen by their children. The award is offered to a student in any year of an undergraduate program. (Partial funding available 96W Session)

Audrey B. **MILLAR** Memorial Bursary - Bursaries to a total of \$600 have been endowed by family, friends, and colleagues in memory of Audrey B. Millar. The awards are offered to graduate students in French, German, or Hispanic Studies. (\$550 Available 96W Session)

Avtar **PALL** Graduate Scholarship in Civil Engineering - A \$1,000 scholarship has been established by Dr. Avtar Pall for a graduate student in earthquake engineering specializing in structures. The award is made on the recommendation of the Department of Civil Engineering in consultation with the Faculty of Graduate Studies. (Available 96W Session)

REAL Estate Foundation Award in Community and Regional Planning - A \$1,000 award has been established by the Real Estate Foundation for a graduate student in the School of Community and Regional Planning. The award is offered to a student who exhibits excellence in academic, professional and community activities in community planning and/or real property development, and is made on the recommendation of the School in consultation with the Faculty of Graduate Studies. (Available 96W Session)

Dean of **SCIENCE** Scholarship - Scholarships totalling \$3,000 have been endowed by alumni and friends of the Faculty of Science. The awards are offered to undergraduate students in Science and are made on the recommendation of the Faculty. (\$7,000 Available 96W Session)

TELEDYNE Water Pik Canada Awards in Prosthodontics - Two awards of \$500 each are offered by Teledyne Water Pik Canada for undergraduate students in the Faculty of Dentistry. One award is offered to a student in fixed prosthodontics, the other to a student in removable prosthodontics. The awards are made on the recommendation of the Faculty of Dentistry. (Available 95W Session)

Everett and Marie **VOLLANS** Memorial Bursary in Education - A bursary of \$600 has been endowed by family and friends in memory of Everett and Marie Vollans. The award is offered to a student in any program of study in the Faculty of Education. (\$350 available 96W Session)

James A. **WINTON** Memorial Award in Urban Land Economics - A \$1,000 award has been endowed in memory of James A. Winton by Madison Venture Corporation for a student in urban land economics. The award will be made on the recommendation of the Faculty of Commerce and Business Administration, and in the case of graduate students, in consultation with the Faculty of Graduate Studies. (Available 96W Session)