

THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Secretariat

Senate and Curriculum Services

Enrolment Services

2016-1874 East Mall

Vancouver, BC V6T 1Z1

www.senate.ubc.ca

VANCOUVER SENATE

MINUTES OF NOVEMBER 20, 2002

Attendance

Present: President M. C. Piper (Chair), Vice President B. C. McBride, Mr. O. Alasaly, Dean J. Blom, Prof. C. Boyle, Dr. J. Brander, Dr. L. Brinton, Dean J. A. Cairns, Dr. M. A. Cameron, Dr. J. Carolan, Dr. D. Cherkas, Dr. J. Dennison, Dr. D. Fielding, Ms. M. Friesen, Dean N. Gallini, Dr. J. H. V. Gilbert, Dr. D. Granot, Dean F. Granot, Dr. P. G. Harrison, Dr. R. Harrison, Ms. M. Hassen, Dr. J. Hepburn, Ms. J. Hutton, Dr. R. Irwin, Dean M. Isaacson, Dr. J. Johnson, Mr. D. Jones, Mr. P. Kahlon, Dr. B. S. Lalli, Ms. J. Lau, Dr. V. LeMay, Ms. C. Lenis, Mr. M. Litchfield, Mr. T. P. T. Lo, Mr. R. W. Lowe, Dr. M. MacEntee, Dr. K. MacQueen, Dr. P. L. Marshall, Mr. W. B. McNulty, Dr. P. Potter, Dean M. Quayle, Ms. C. Quinlan, Mr. J. Rogers, Dr. A. Rose, Dr. H. J. Rosengarten, Dean J. N. Saddler, Mr. B. J. Silzer, Mr. B. Simpson, Dean R. Sindelar, Dr. C. E. Slonecker, Mr. C. Ste-Croix, Dr. B. Stelck, Dr. R. C. Tees, Dr. J. R. Thompson, Dr. S. Thorne, Dean R. Tierney, Ms. G. Tsai, Mr. D. Verma, Dr. M. Vessey, Dean pro tem . L. Whitehead, Dr. R. Windsor-Liscombe, Ms. S. Yim, Mr. M. Yung, Mr. C. Zappavigna.

By invitation: Dr. N. Guppy, Ms. D. Merritt, Vice President T. Sumner

Regrets: Chancellor A. McEachern, Dr. P. Adebar, Mr. R. Affleck, Ms. C. Bekkers, Dr. B. Bemmels, Mr. P. T. Burns, Dr. B. Crawford, Mr. E. Greathed, Dr. L. Gunderson, Mr. R. Hira, Dr. S. B. Knight, Mr. G. Lloyd, Ms. Yvette Lu, Dean D. Muzyka, Dr. D. Paterson, Dr. B. Rodrigues, Dr. C. Shields, Ms. L. Sparrow, Mr. D. Tompkins, Dr. H. J. van Vuuren, Dr. R. Wilson, Dr. R. A. Yaworsky, Dean E. H. K. Yen.

Senate Membership

REPRESENTATIVES FROM AFFILIATED COLLEGES

Dr. John D. Dennison replaced Rev. T. James Hanrahan as representative of St. Mark's College.

STUDENT REPRESENTATIVE

Mr. Paul Kahlon filled a vacancy for a student representative from the Faculty of Dentistry.

EX-OFFICIO

Dr. Lorne Whitehead replaced Dr. Maria Klawe as Dean *pro tem.* of the Faculty of Science.

The President welcomed the new members to Senate.

Minutes of the Previous Meeting

CORRECTION TO THE MINUTES

Under "Department of Anatomy (p. 12972)," comments attributed to Dr. Cameron were actually made by Dr. Hepburn.

<i>Mr. McNulty</i>	}	<i>That the Minutes of the Meeting of September 18, 2002 be approved, with the correction above.</i>
<i>Dr. Rosengarten</i>		

Carried.

Business Arising From the Minutes

UBC PARTICIPATION IN *U21 GLOBAL*

Vice President McBride reminded members of Senate that he had agreed at the September 2003 meeting to propose a mechanism for reviewing UBC's participation in *U21 Global*. He proposed that he make an annual report to Senate on the status of *U21 Global*, and that, in *U21 Global*'s third year of operation, the Nominating Committee be directed to strike an ad hoc committee of Senate to review the *U21* initiative with respect to the programs offered. Such a committee to review the *U21 Global* MBA might include representatives from Commerce & Business Administration, external faculty representatives, and members of Senate. The Vice President further recommended that a UBC representative be registered in some of the *U21 Global* courses in order to evaluate the course materials and the level of student support. Four to six MBA courses

were scheduled for first offering in April 2003, and could feasibly be reviewed during the third year following their establishment.

<i>Vice President McBride</i>	}	<i>That the Vice President Academic and Provost be directed to report annually in November on the status of U21 Global,</i>
<i>Dr. Tees</i>		<i>and;</i> <i>That the Nominating Committee be directed to strike an ad hoc committee of Senate to review and evaluate U21 Global programs during their third year of operation.</i>

In response to a query from Dr. MacEntee about possibly fixing a specific date for the review, Vice President McBride stated that it would be important to allow the new courses to mature before conducting a review, and that it would be most effective to wait until the third year of operation.

The motion was put and carried.

Remarks from the Chair and Related Questions

IRVING K. BARBER LEARNING CENTRE

The President recalled the recent announcement that Mr. Irving K. Barber had made a very significant donation toward the construction of the Irving K. Barber Learning Centre, which was to be built around the heritage core of Main Library. Matching funding was provided by UBC as well as the BC provincial government. The President thanked everyone involved in this initiative, particularly Ms. Catherine Quinlan as University Librarian.

\$46 MILLION FOR HIGH-TECH FACILITIES

The President was pleased to report that the Premier had recently announced that UBC was to receive \$46 million to support capital development of high-tech facilities on campus. This fund-

ing was to support the construction of one new facility and the expansion of two others. The provincial government provided the funds as part of its initiative to double the number of graduates from high-tech programs. The President stated that securing the funding had been a team effort, and she thanked Dean *pro tem*. Lorne Whitehead in particular.

DEAN OF GRADUATE STUDIES

The President was pleased to announce the re-appointment of Dr. Frieda Granot as Dean of the Faculty of Graduate Studies. President Piper thanked Dean Granot for her willingness to continue to serve, and offered her warmest congratulations.

NOVEMBER CONGREGATION

President Piper reminded members of Senate that eight graduation ceremonies were scheduled to take place, beginning on November 26. Mr. Allan McEachern was to be installed as chancellor, and honorary degrees were to be conferred upon Mr. Irving K. Barber and Dr. Shirley Tilghman. President Piper encouraged all members of Senate to consider attending at one or more ceremonies to help celebrate UBC students.

Financial Statements

Note: The full text of the Financial Statements is not included in the Minutes.

Vice President Terry Sumner presented the Consolidated Financial Statements for the year ended March 31, 2002. He stated that, over the previous three years, the amount of time from year end closure to the production of the financial statements had been reduced from 14 to 7 weeks. The Financial Statements had been distributed widely across the University, had been sent to other universities and libraries, and had been presented at the UBC Annual General Meeting held at Robson Square in October 2002.

The Auditor General had offered the unqualified opinion that the Financial Statements presented fairly, in all material respects, the financial position of the University as at March 31, 2002. Vice President Sumner gave highlights of the Financial Statements, including:

- The University ended the 2001/2002 fiscal year with an operating surplus of \$128 K;
- The provincial operating grant was \$333.1 million, up from \$299.1 million in the previous year;
- New research funding totalled \$254 million, up from \$195 million the previous year;
- A total of \$27.5 million in scholarships, bursaries and fellowships had been awarded to students;
- The market value of endowments increased during the year by \$41.1 million to a total of \$650.4 million.
- Total revenue from all sources was \$961 million.

From the Board of Governors

Notification of approval in principle of Senate recommendations from the Senate meeting held on 18 September 2002. Such approval is 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. The establishment of new awards;
- ii. Name changes for the Centre for Applied Ethics, CORD (Collaboration on Repair Discoveries), the Department of Anatomy, the Department of Ophthalmology, the Institute of International Relations, the Liu Centre for the Study of Global Issues, and the UBC Botanical Garden and Centre for Plant Research;
- iii. The merger of the Sustainable Development Research Institute (SDRI) and the Institute for Resources and the Environment (IRE) to establish the Institute for Resources, Environment and Sustainability;
- iv. The establishment of a Chair in Hydrometallurgy Research and a Chair in Sustainable Aquaculture.

Candidates for Degrees

Dr. Tees	}	<i>That the candidates for degrees and diplomas, as approved by the Faculties and Schools, be granted the degree or diploma for which they were recommended, effective November 2002, and that the Registrar, in consultation with the Deans and the Chair of Senate, be empowered to make any necessary adjustments.</i>
Dr. P. G. Harrison		

Carried.

Admissions Committee

Dr. Rosengarten presented the reports, as Chair of the Committee.

DELAY OF TSE IMPLEMENTATION UNTIL 2004

Proposal:

That the TOEFL requirement portion of the English Language Admission Standard be amended such that the requirement to submit a score of not less than 50 on the Test of Spoken English (TSE) will take effect beginning with applications for admission to Summer Session, 2005.

Rationale:

In December 1998, Senate approved changes to the English Language Admission Standard, including the inclusion of the Test of Spoken English as a required component of the Test of English as a Foreign Language (TOEFL). The new requirement was to become effective for 2000/2001 admissions.

In December 1999, Senate delayed implementation of the TSE requirement until admissions to Summer Session 2003 due to limited testing capacity in the lower mainland: the TSE was not widely available and was not offered year round. The demand from UBC applicants alone would have exceeded the number of test places available in the lower mainland.

Since the availability of the TSE has not markedly improved to date, the Senate Admissions Committee recommends that implementation of the TSE requirement be delayed for an additional two-year period, until admissions to Summer Session, 2005.

Effective Date: Immediately upon approval

<i>Dr. Rosengarten</i>	}	<i>That the TOEFL requirement portion of the English Language Admission Standard be amended such that the requirement to submit a score of not less than 50 on the Test of Spoken English (TSE) will take effect beginning with applications for admission to Summer Session, 2005.</i>
<i>Dr. P. G. Harrison</i>		

In response to a query from Dean Granot, Dr. Rosengarten stated that the Educational Testing Service was attempting to address the unavailability of the Test of Spoken English both locally and internationally, but that the Admissions Committee was chiefly concerned with the Lower Mainland.

In response to a query from Dr. Vessey, Dr. Rosengarten stated that there was no concrete evidence that the situation would be improved in two years' time. Dr. Vessey and Dr. Rosengarten agreed that the inability to ascertain whether incoming students had an appropriate level of English constituted a serious problem for the University. Dr. Rosengarten stated that, although the Admissions Committee was concerned about English proficiency, it also seemed unreasonable to require students to travel inordinately long distances to take the Test of Spoken English.

The motion was
put and carried.

UBC-VSB TRANSITION SCHOOL

University Admission for students in UBC-VSB Transition School

Motion: That the following calendar entry for the Transition Program be approved, subject to the condition noted immediately below the calendar statement.

Present Calendar Entry N / A

Proposed Calendar Entry: to precede "Concurrent Enrolment Policy" on page 31 of 02/03 Calendar]

TRANSITION PROGRAM

UBC, the Vancouver School Board, and the BC Ministry of Education run a joint university preparation program for academically exceptional students. Students enrolled in

this program are eligible for early admission to the university upon recommendation of the Principal of the Transition Program and concurrence of the Dean of the admitting Faculty. Completion of required Grade 12 courses (or their equivalent) necessary for entry to that Faculty is mandatory.

Condition:

That this admission provision be reviewed after three years, using UBC academic performance data, and that only if the performance in UBC courses of students admitted under this provision is judged to be acceptable, may such an admission provision continue.

Rationale:

In 1993 the University of British Columbia and the Vancouver School Board, with the support of the Ministry of Education, began a joint program for academically exceptional students, ages 12 to 15. Between 15 and 20 students from throughout the province begin the program each year. The School is located on the UBC campus (240D - 1924 West Mall).

Since its inception the program has been understood as a transition between high school and university. Initially conceived of as an entrance stream to UBC (and hence the name), this intent has yet to be formalized. The major aim of the program is to provide an accelerated and enriched track for academically gifted students. Increasingly this has meant providing greater focus on university preparation to support early university entrance rather than on coverage of the high school curriculum or completion of all high school graduation requirements.

The program's focus is upon educational acceleration and enrichment for university preparation. Therefore, for purposes of university admission, different standards must be introduced and this is the primary reason behind this proposal. This admission change formally recognizes the program goal of university preparation and transition.

Table 1 below provides background data on students from this program who have entered UBC in the past few years. The data allow a comparison of domestic students from 2001W (transition students excluded) with two different sets of transition students, one combining students from 2000W and 2001W, and the other combining students from 1999W through 2001W. These latter combinations are used to ensure at least a minimal number of transition students for comparison.

TABLE 1: First-year UBC academic performance of students from the Transition Program versus students admitted to UBC from other Canadian secondary schools.					
Year		BA	BASc	BSc	All
All Domestic	Mean%	68.7	72.5	70.6	69.8
2001W	N	2300	466	1565	4331
All Transition	Mean%	73.1	83.4	81.2	78.8
2000W & 2001W	N	5	4	4	13
All Transition	Mean%	74.6	80.5	82.9	79.7
1998W - 2001W	N	7	8	9	24

Notes:

1. *Data are from the Student Information System and are extracted from reports prepared by Susan Peters and Sham Pendleton.*
2. *All students with averages at or below 40% have been ignored (assuming they did not properly complete the year).*
3. *Transition students are not included among the "all domestic" category for 2001W.*
4. *The average credit load for Transition students was 32.9 credits for the academic year (averaged over 1998W to 2001W) while for non-transition students it was 28.3 in 2001W. In every Faculty transition students averaged more credits.*
5. *If only 2001W were used for Transition students, to make for a strict comparison with the All Domestic row, the average would be 84.2% but based on only four students.*

Dr. Rosengarten
Dean Granot

}

That the following calendar entry for the Transition Program be approved, subject to the condition noted immediately below the calendar statement.

Carried.

FACULTY OF DENTISTRY ADMISSION STATEMENT

Proposal to add to the Admission section of the Faculty of Dentistry calendar entry

Present calendar entry (page 207, column 2)

... although the number of interviews is normally limited to two.

Insert addition to calendar entry

Application forms and information regarding the admission process and predental requirements ...

Proposed Calendar Entry:

Applicants to the Faculty of Dentistry who have been required to withdraw from a dental program will not normally be granted admission.

Rationale:

The Faculty of Dentistry is responsible for patient safety and the dental health of the public it serves. Normally, students who have been required to withdraw from a dental program have been required to do so for reasons based on inadequate academic and/or professional performance. The Faculty considers all of the applicants' previous academic and professional records (some of which could weigh heavily against a successful application) and a statement informing candidates of this possibility appears fair and equitable.

Effective Date: August 28, 2002

<i>Dr. Rosengarten</i>	}	<i>That Senate approve the recommendations of the Admissions Committee with respect to the Faculty of Dentistry admission statement.</i>
<i>Dr. R. Harrison</i>		

In response to a query from Mr. Ste-Croix, Dr. Rosengarten stated that the inclusion of the word "normally" permitted the Faculty to exercise some discretion in its application of the policy.

The motion was
put and carried.

Nominating Committee

SENATE COMMITTEE ASSIGNMENTS

As Chair of the Committee, Dr. Gilbert recommended that Senate approve the following changes to Senate Committee membership:

1. Agenda Committee: Add Mr. Paul Kahlon to fill a vacancy.
2. Budget Committee: Add Mr. Chris Ste-Croix to replace Ms. Jennifer Lau.
3. Library Committee:
 - a. Add Prof. Valerie LeMay, and
 - b. Add Mr. Chris Ste-Croix to replace Mr. David Tompkins.
4. Tributes Committee: Add Dean Robert Sindelar to fill a vacancy.
5. Teaching and Learning Committee: Add student representatives Mr. David Tompkins, Mr. Derek Jones, and Mr. Chris Ste-Croix.

<i>Dr. Gilbert</i>	}	<i>That Senate accept the recommendations of the Nominating Committee with respect to Committee membership.</i>
<i>Mr. Verma</i>		

Carried.

Student Awards Committee

See also 'Appendix A: New Awards.'

Committee Chair Dr. Thompson presented the awards for approval, pointing out the new awards represented an additional \$125 K in support for UBC students, and that donations may still be made to awards after they have been formally established.

*Dr. Thompson
Dean Isaacson*

}

That the awards listed be accepted and forwarded to the Board of Governors for approval, and that letters of thanks be sent to the donors.

Carried.

Tributes Committee

MEMORIAL MINUTE

As Chair of the Committee, Dr. Slonecker presented the following memorial minute.

President Emeritus Kenneth Hare

This university's reputation as an institution of high purpose, intense investigation and thorough scholarship has consistently attracted the finest academics and administrators to our campus. Such a man was Dr. Kenneth Hare, UBC's fifth president. Dr. Hare died in September of this year.

Kenneth Hare was born in England in 1919 and received his Bachelor of Science degree in 1939 from the University of London. After serving in the British Air Ministry as a meteorologist during the Second World War, he took a position at McGill as a geography professor. He earned his doctorate in Geography at the University of Montreal as an arctic climatologist.

As a scientist, Dr. Hare examined the role of atmospheric carbon dioxide in climate change, and became a strong advocate for nuclear power as an alternative to burning fossil fuels. He was well-known internationally for his work in biogeography and climatology and was recognized by the Canadian Meteorological Society, the Royal Geographical Society and the World Meteorological Organization. His book, *The Restless Atmosphere*, is considered a standard textbook on climatology. He also served as commissioner of the Ontario Nuclear Safety Review, and headed major inquiries into environmental issues such as lead contamination, nuclear winter, air pollution and the disposal of nuclear waste.

He became president of UBC in 1967 during a time of student unrest, rising enrollment and financial restraint. He is described by colleagues as a gentle, studious man, who showed serious concern both for the condition of the university and the demands of students. His concern is shown clearly in his President's Report for the 1967-68 academic year, which also outlines his plan for changing university governance to meet the needs of the time. He resigned in early 1969, just 18 months after his appointment, stating that he found the strains of conflict impossible to bear for a man of his temperament. His legacy to the university is, however, quite significant. He began the process of involving students in university governance, and made the physical and financial needs of the university the very top priorities of subsequent administrations.

Dr. Hare's career as an administrator included service as Master of Birkbeck College at the University of London, 19 years on the faculty of McGill University, where he served as dean of arts and sciences, and at the University of Toronto where he was Provost of Trinity College and Director of the Institute for Environmental Studies. He was also chancellor of Trent University from 1988 to 1995.

He was a Companion of the Order of Canada and a Fellow of the Royal Society of Canada and was awarded honorary degrees by 11 universities.

The Board of Governors and the Senate of the University of British Columbia extend their deepest sympathy to Dr. Hare's family.

*Dr. Slonecker
Dean Cairns*

}

*That the memorial minute for President
Emeritus Kenneth Hare be spread on the
Minutes of Senate.*

Carried.

Reports from the Vice President, Academic and Provost

ACADEMIC IMPLICATIONS OF MANDATORY RETIREMENT

Vice President McBride reported, as requested in May 2002, regarding the status of a consultative process regarding the academic implications of mandatory retirement. He stated that active discussion was still in progress, and that he hoped to have a written report to Senate in January 2003.

Report from the Associate Vice President, Enrolment Services and Registrar

ENROLMENT 2002/03

Note: The text of the Registrar's report is not included in the Minutes. Copies are available from the Assistant Registrar, Senate & Curriculum Services.

Mr. Silzer presented enrolment statistics to date for the 2002/03 academic year. He stated that the University was close to target numbers with respect to new incoming students, but that overall enrolment had shown an increase due to a higher-than-usual return and course registration rate by continuing students. The number of students enrolled under the International Student Initiative showed continuous growth for the fifth consecutive year. Mr. Silzer invited members of Senate to ask questions from the floor or to submit them later by e-mail to <brian.silzer@ubc.ca>.

Report from the Representative of the Professional Librarians

Ms. Friesen presented the following motion.

STATUS OF PROFESSIONAL LIBRARIANS

Motion:

THAT until otherwise resolved by the Senate:

The secretary of the Senate annually present a list of all persons holding an appointment at the University as a librarian; and

The Senate update the roll of the Convocation pursuant to its authority under section 9(2) of the *University Act* so that it includes all current librarians.

Moved: Ms. Margaret Friesen

Seconded: Dr. Herbert Rosengarten

Rationale:

Professional librarians are currently ineligible to vote for Chancellor and Convocation Senators. The Librarians' Representative to the Senate filed an appeal in May 2002 on behalf of librarians to the Senate Elections Committee. The appeal was denied on the basis that the current Senate definitions still apply. Senate has the authority to enfranchise librarians as above.

The reason for the exclusion of librarians in past elections is that (1) the *University Act* deals with librarians separately from faculty in its definition of "faculty member" and (2) librarians are not members of convocation automatically.

Librarians wish to participate in these elections because:

1. Librarians belong to the Faculty Association and receive all the same privileges and recognitions granted to the teaching and research faculty in that context. Librarians' appointments, like those of other members of the Faculty Association, are made by the Board of Governors upon the recommendation of the President. All changes in appointment follow this same sequence of scrutiny and confirmation.
2. Confirmed appointments of librarians are full-time appointments except when the university and a librarian have agreed to change such an appointment.
3. Librarians participate actively and routinely as instructors in courses offered by the School of Library, Archival and Information Studies and by the Centre for Teaching and Academic Growth. Librarians play a key role in instructing students and faculty in finding information resources for their research, teaching and study. This instruction is often offered in collaboration with faculty members and best integrated with course work.

Notice of motion was made at the May 2002 meeting of Senate. Hubert Lai, University Counsel, has been consulted. The motion is worded according to Counsel's recommendation. The President of the Faculty Association has been consulted.

Ms. Friesen

Dr. Rosengarten

}

That until otherwise resolved by the Senate:

The secretary of the Senate annually present a list of all persons holding an appointment at the University as a librarian;

and

The Senate update the roll of the convocation pursuant to its authority under section 9(2) of the University Act so that it includes all current librarians.

Carried.

Other Business

Dr. Vessey remarked that the Senate was able to conduct the business before it in a very timely fashion, and suggested that the additional time might be set aside, in future, for the discussion of topics of general interest related to the academic governance of the University. Dr. Slonecker responded that the Agenda Committee had received a similar suggestion, and that the Committee would be working to compile a list of such topics for discussion. Those items would be held in reserve and subsequently added to otherwise-light meeting agendas.

Tributes Committee - in camera

HONORARY DEGREES

Dr. Slonecker circulated the list of candidates for honorary degrees to be conferred in May and November 2003. He reminded Senate that the names of the candidates were to remain confidential until such time as the candidates had accepted and the list had been made public by the President.

<i>Dr. Slonecker</i>	}	<i>That the list of candidates for honorary degrees be approved as circulated.</i>
<i>Dean Granot</i>		

Carried.

Adjournment

There being no further business, the meeting was adjourned. The next regular meeting of Senate will be held on Wednesday, December 18, 2002.

Appendix A: New Awards

Faculty of ARTS Bursary: Bursaries totalling \$1,500 have been endowed by alumni and friends of the Faculty of Arts for undergraduate students in the faculty. (First awards available 2002/2003 academic year)

BONG Pang Yee Scholarship: Scholarships totalling \$4,125 have been endowed in memory of Bong Pang Yee by his granddaughters, representing the Chow and Chang Families, for undergraduate students in the Faculty of Pharmaceutical Sciences. The awards are made on the recommendation of the Faculty of Pharmaceutical Sciences. (First awards available 2002/2003 academic year - partial award in inaugural year)

Thomas and Dorothy BURGESS Bursary in Music: A \$1,000 bursary is offered through the Thomas and Dorothy Burgess Fund, administered through the Vancouver Foundation, to a student enrolled in the School of Music. (First award available 2003/2004 academic year)

CLASS Act Bursary in Biochemistry and Molecular Biology: Bursaries totalling \$300 have been endowed by the graduating students in Biochemistry and Molecular Biology. Preference will be given to fourth-year students majoring or honouring in Biochemistry or Molecular Biology. (First awards available 2002/2003 academic year)

CLASS Act Bursary in Political Science: Bursaries totalling \$300 have been endowed by the Political Science graduating students. Preference is given to fourth-year students studying Political Science. (First awards available 2003/2004 academic year)

C.C. and Betty CHONG Entrance Bursary in Medicine: Several bursaries of \$5,000 each have been endowed through a bequest by Betty Chong for students entering the first year of the M.D. program who graduated from a B.C. secondary school outside of the Greater Vancouver Regional District and the Capital Region District. (First awards available 2002/2003 academic year - partial award in inaugural year)

C.C. and Betty CHONG Bursary in Medicine: Several bursaries valued at one-half of one year's tuition have been endowed through a bequest by Betty Chong for students enrolled in the M.D. program. (First awards available 2002/2003 academic year)

Faculty of COMMERCE and Business Administration Bursary: Bursaries totalling \$3,000 have been endowed by alumni and friends of the Faculty of Commerce and Business Administration for undergraduate students in the faculty. (First awards available 2002/2003 academic year)

Dean of COMMERCE and Business Administration Scholarship: Scholarships totalling \$2,700 have been endowed by alumni and friends of the Faculty of Commerce and Business Administration for undergraduates in the faculty. The awards are made on the recommendation of the Faculty of Commerce and Business Administration. (First awards available 2002/2003 academic year)

Jean COOPER Bursary in Midwifery: Bursaries totalling \$1,000 have been endowed by friends, family and colleagues in memory of Jean Cooper for students in the midwifery program. (First award available 2002/2003 academic year - partial award in inaugural year)

Ethel DAVIS MBA Scholarship: A \$1,000 scholarship has been endowed in honour of Ethel Davis, former Assistant Dean of Commerce and Director of the MBA Program. The award is made on the recommendation of the Faculty of Commerce and Business Administration to an outstanding student entering the first year of the MBA program. (First award available 2003/2004 academic year)

EDWARDS, Kenny & Bray Founders Scholarship: Two scholarships of \$1,000 each are offered by Edwards, Kenny & Bray in honour of the contributions of the founders of the firm, The Honourable Mr. Justice John C. Bouck, Jack T. Edwards, Q.C., Brenton D. Kenny, Q.C., and Ronald J. Bray, to the profession of law. Each scholarship is awarded to an undergraduate student entering the first year of the Faculty of Law with high academic standing. The awards are made on the recommendation of the Faculty of Law. (First awards available 2002/2003 academic year)

G.W. HEINKEL Scholarship: Scholarships totalling \$3,000 are offered by Dr. R. Heinkel in memory of his father G.W. Heinkel to students entering third year in the Portfolio Management Foundation Program in the Faculty of Commerce and Business Administration. Candidates should have demonstrated a desire to enhance their academic studies by integrating their classroom experience with the knowledge requirements of a career in the finance industry. The award is made on the recommendation of the Faculty of Commerce and Business Administration in consultation with the Faculty Supervisors of the Portfolio Management Foundation. (First awards available 2002/2003 academic year)

Sidney KAPLAN Prize in Family Medicine: A \$250 prize has been endowed by the family of Dr. Sidney Kaplan for students enrolled in the M.D. undergraduate program who achieve academic excellence in the Department of Family Medicine. The award is made on the recommendation of the Department of Family Medicine. (First award available 2002/2003 academic year - partial award in inaugural year)

Jongman KIM Memorial Prize in Korean Legal Studies: A \$300 prize has been endowed in memory of Jongman Kim by his friends, clients and colleagues for a student who has demonstrated excellence in Korean legal studies. Among the first Korean-Canadians to be called to the bar, Jongman Kim dedicated his life to building bridges between the Canadian and Korean cultures and to fostering community leadership among young Korean-Canadians. The award is made on the recommendation of the Faculty of Law. (First award available 2002/2003 academic year)

Ruth Parnum KING Memorial Prize in Music: A \$550 prize has been endowed by family and friends in memory of Ruth Parnum King (1924 - 1993) for an outstanding student in the School of Music who is majoring in piano. As a devoted wife, mother, grandmother, daughter and friend, Ruth cultivated beauty in all aspects of life through her garden and home, her culinary endeavours and fine needlework, and her deepest passion, the piano. The award is made on the recommendation of the School. (First award available 2002/2003 academic year - partial award in inaugural year)

Tony KOZAK Scholarship in Forest Measurement: A \$900 scholarship has been endowed in honour of Dr. Tony Kozak's contributions to the field of forest mensuration and biometrics. The award is offered to undergraduate students entering third or fourth year in the Faculty of Forestry with an interest and demonstrated aptitude in the area of forest measurement. The award is made on the recommendation of the Faculty of Forestry. (First awards available 2003/2004 academic year)

Rita KRIVEL Memorial Scholarship in Dietetics: A \$1,000 scholarship has been endowed in memory of Rita Krivel by her husband, Harold Krivel M.D., and her brother, Isadore Diamond, for under-

graduate students in Dietetics within the Bachelor of Science in Food, Nutrition and Health program. The award is made on the recommendation of the Faculty of Agricultural Sciences. (First award available 2002/2003 academic year - partial award in inaugural year)

Henry KUHN Bursary: Bursaries totalling \$27,000 have been endowed through a bequest from Henry Kuhn for undergraduate and graduate students in the School of Music who are studying seventeenth, eighteenth or nineteenth century classical music. (First awards available 2002/2003 academic year - partial award in inaugural year)

Henry and Lily KUNG Award in Education: A \$1,000 award has been endowed in honour of Henry and Lily Kung for a student in a Bachelor of Education degree program. In addition to having maintained satisfactory academic standing, candidates for the award must have participated actively in extra-curricular or volunteer activities such as professional, school, social and community organizations, athletics or part-time employment. The award is made on the recommendation of the Faculty of Education. (First award available 2002/2003 academic year - partial award in inaugural year)

Henry and Lily KUNG Award in Nursing: A \$1,000 award has been endowed in honour of Henry and Lily Kung for a student entering the third year of the Bachelor of Science in Nursing Program. In addition to having maintained satisfactory academic standing, candidates for the award must have participated actively in extra-curricular or volunteer activities such as professional, school, social and community organizations, athletics or part-time employment. The award is made on the recommendation of the School of Nursing. (First award available 2002/2003 academic year - partial award in inaugural year)

LKWM-YOGI Bursary in Nursing: Bursaries totalling \$2,000 have been endowed by B. Yip to assist students enrolled in the Bachelor of Science in Nursing Program. (First awards available 2002/2003 academic year - partial award in inaugural year)

Barrie and Diana Carol MARTIN Bursary in Commerce: Bursaries totalling \$1,200 are offered by Barrie Martin for undergraduate students in the Faculty of Commerce and Business Administration. (First awards available 2002/2003 academic year)

Jim and Gerry McINTOSH Scholarship in Forestry: Scholarships totalling \$1,100 have been endowed by Jim and Gerry McIntosh for undergraduate students entering the second or third year of study in the Faculty of Forestry. In addition to high academic standing, participation in faculty, university, or community activities is also considered. Preference is given to Canadian citizens and permanent residents. The awards are made on the recommendation of the Faculty of Forestry. (First award available 2003/2004 academic year)

Jim and Gerry McINTOSH Award in Forestry: Awards totalling \$1,650 have been endowed by Jim and Gerry McIntosh for undergraduate students entering the second or third year of study in the Faculty of Forestry. The awards are made on the recommendation of the Faculty of Forestry to students who display scholarship, leadership and active participation in faculty, university or community activities. Preference is given to Canadian citizens and permanent residents. (First award available 2003/2004 academic year)

Craig W. MILLER Prize in English: A \$500 prize is offered in memory of Dr. Craig W. Miller by

his family for an English major or honours student enrolled in Studies in Romanticism. The award is made on the recommendation of the Department of English. (First award available 2002/2003 academic year)

MUTUAL Fire Insurance Company of B.C. Bursary in Agricultural Sciences: Bursaries totalling \$1,000 are offered by the Mutual Fire Insurance Company of British Columbia to students entering second, third or fourth year in the Faculty of Agricultural Sciences. (First awards available 2002/2003 academic year)

NATIONAL Pharmaceutical Sciences Group Award: Awards totalling \$3,000 are offered by the National Pharmaceutical Sciences Group for students entering the third or fourth year of study for a Bachelor of Science in Pharmacy. The awards are made on the recommendation of the Faculty of Pharmaceutical Sciences on the basis of academic achievement, community involvement and extracurricular participation. (First awards available 2002/2003 academic year)

Joan Margaret NOBLE Bursary in Medicine: Bursaries totalling \$5,200 have been endowed through a bequest by Joan Margaret Noble for students in the Faculty of Medicine. (First awards available 2002/2003 academic year - partial award in inaugural year)

Raymond A. PEDERSON Prize in Physiology: A \$600 prize has been endowed by Dr. Raymond A. Pederson for the physiology graduate student who gives the best presentation at the Annual Physiology Research Day. The award is made on the recommendation of the Department of Physiology. (First award available 2002/2003 academic year - partial award in inaugural year)

OVERWAITEA/Save On Foods Scholarship in Pharmaceutical Sciences: Scholarships totalling \$5,000 are offered by Overwaitea/Save On Foods for students in the undergraduate program in Pharmaceutical Sciences. Scholarships of \$1,000 each are assigned as follows: two to students entering second year, two to students entering third year, and one to a student entering fourth year. The awards are made on the recommendation of the Faculty of Pharmaceutical Sciences. (First award available 2002/2003 academic year)

PHYSICS and Astronomy Undergraduate Scholarship: A \$1,000 scholarship has been endowed for undergraduate students enrolled in honours or majors Astronomy, Biophysics or Physics programs, or in combined programs with other departments. The award is made on the recommendation of the Department of Physics and Astronomy. (First award available 2003/2004 academic year)

PHYSICS and Astronomy Graduate Scholarship: A \$5,000 scholarship has been endowed for incoming or continuing graduate students at the Masters or Ph.D. level in the Department of Physics and Astronomy. The award is made on the recommendation of the Department on the basis of academic ability and promise. (First award available 2003/2004 academic year)

Larry ROBERTS Science One Memorial Scholarship: Scholarships totalling \$1,500 have been endowed by family and friends in memory of Larry Roberts for outstanding students who have completed the Science One Program. The awards are made on the recommendation of the Science One teaching team in consultation with the Director of the Science One Program. Preference is given to candidates who have achieved high academic standing and who have embraced the philosophy of the Science One Program, where intellectual growth comes through the expression of creativity and an

inquisitive mind. (First award available 2002/2003 academic year)

Faculty of SCIENCE Bursary: Bursaries totalling \$2,300 have been endowed by alumni and friends of the Faculty of Science for undergraduate students in the faculty. (First awards available 2002/2003 academic year)

Jean Elizabeth SIM Memorial Bursary in Education: Bursaries totalling \$6,000 have been endowed by her family in memory of Jean Elizabeth Sim (B.Ed. 1967), who dedicated her life to helping young people attain their educational potential during twenty-four years as a secondary school teacher in B.C. The bursaries are awarded to students enrolled in the Bachelor of Education (Secondary) Program. (First awards available 2002/2003 academic year - partial award in inaugural year)

STEELCASE Scholarship in Architecture: A \$1,000 scholarship is offered by Steelcase Canada Ltd. for students in the Master of Architecture and Master of Advanced Studies in Architecture programs. The award is made on the recommendation of the School of Architecture. (First award available 2002/2003 academic year)

Gurminder Singh TATRA Bursary: A \$1,000 bursary is offered by Second Lieutenant Gurminder S. Tatra to an undergraduate student entering the first year of the D.M.D. program. Second Lieutenant Tatra is a Dental Officer in the Canadian Forces who is completing his dental school education at UBC under the "Dental Officer Training Program." The bursary was created to help support dental students who are in financial need. (First award available 2002/2003 academic year)

THUNDERBIRD Nordic Skiing Award: One or more awards, which may range from a minimum value of \$400 each to the maximum allowable under the athletic association regulations, are offered to outstanding members of the Thunderbird Nordic Ski Team in any year of study. The awards are made on the recommendation of the President's Athletic Awards Committee. (First award available 2002/2003 academic year)

Subhash C. VERMA Memorial Prize in Pharmaceutical Sciences: A \$500 prize is offered by Dr. Subodh Verma and Mrs. Mekhul Verma in memory of Dr. Subhash C. Verma for graduate students in Pharmaceutical Sciences. The award is made on the recommendation of the Faculty of Pharmaceutical Sciences for the best paper published or presented in the area of Pharmacology or Toxicology. (First award available 2002/2003 academic year)

WESTERN Canada Group of Chartered Engineers Prize: Three prizes of \$500 each are offered by the Western Canada Group of Chartered Engineers for students completing third year in Mechanical, Electrical and Civil Engineering. One award each is made on the recommendation of the three eligible engineering departments. The WCGCE represents members of six United Kingdom Engineering Institutions (Civil, Electrical, Mechanical, Structural, Chemical, and Building Services) which have members living in B.C., Alaska and Washington State and provide engineering services around the world. (First awards available 2002/2003 academic year)

Arthur WHITEHEAD Memorial Science One Scholarship: A \$1,000 scholarship has been endowed in memory of Arthur Whitehead for outstanding students entering the Science One Program. The award is made on the recommendation of the Science One teaching team in consultation with the Director of the Science One Program. (First award available 2003/2004 academic year)

Ruth WILSON Memorial Award: One or more awards, which may range from a minimum value of \$500 each to the maximum allowable under athletic association regulations, are offered to outstanding members of the Thunderbird Women's Basketball Team in any year of study. The awards are made on the recommendation of the President's Athletic Awards Committee. (First awards available 2002/2003 academic year)

Barbara Anne WIEBE Memorial Scholarship: A \$1,200 scholarship has been endowed in memory of Barbara Anne Wiebe through a bequest by her husband, Henry Wiebe, for undergraduate or graduate students studying English language and literature. The award is made on the recommendation of the Department of English and, in the case of graduate students, in consultation with the Faculty of Graduate Studies. (First award available 2002/2003 academic year - partial award in inaugural year)

Daniel R. WORSLEY Bursary: A \$300 bursary has been endowed by colleagues and friends to honour Daniel R. Worsley. As Assistant Director in UBC's Office of Awards and Financial Aid from 1979 to 2000, Dan provided advice to countless students who were experiencing monetary difficulty, enabling them to maximize their access to various sources of financial assistance, (First award available 2003/2004 academic year)

PREVIOUSLY-APPROVED AWARDS WITH CHANGES IN TERMS:

Award 03131 - G.F. Amyot Prize: A \$400 prize has been endowed by donations from the Health Officers of British Columbia in honour of G.F. Amyot, who contributed greatly to the development of public health services in British Columbia and assisted in the establishment of the Department of Health Care and Epidemiology, Faculty of Medicine. The prize is awarded on the recommendation of the Department of Health Care and Epidemiology to a medical student or resident who has demonstrated meritorious scholarship, leadership, and academic research ability in public health.

How amended? Eligibility has been extended to include medical residents and the program focus has changed from "public health and preventive medicine" to "meritorious scholarship, leadership, and academic research ability in public health." The latter amendment was done at the request of the donors in consultation with the Department in order to accommodate recent curriculum changes in Medicine.

Award 04864 - Constance Eden DINGWALL Scholarship in Ophthalmology: Two scholarships of equal value totalling \$8,100 have been endowed through a bequest from Constance Eden Dingwall. The awards are offered to medical residency students specializing in ophthalmology and are made on the recommendation of the Department of Ophthalmology.

How amended? Since Ms. Dingwall's executrix was concerned that each scholarship have a substantial value, the disbursement provisions now call for two large awards, rather than permitting many small awards of varying amounts. Changes were made in consultation with the Department of Ophthalmology.

Award 04831 - Michael and Sonja KOERNER First Nations Fellowship: A \$13,000 fellowship has been endowed by Michael and Sonja Koerner and the Province of British Columbia for a Canadian First Nations student in Commerce and Business Administration, with preference for a student at the graduate level. If there is no eligible recipient in any given year, the income from the endowment is re-invested in

the fund to increase the fellowship value in future years. The award is made on the joint recommendation of the Faculties of Commerce and Business Administration and Graduate Studies in consultation with the First Nations House of Learning.

How amended? Restriction to a graduate student has been relaxed to a preference so that there is now a possibility of the award going to an undergraduate First Nations student in Commerce if there is no qualified graduate student. The award is, however, now restricted to Commerce so that it can no longer be made to students in a related discipline such as Law. At the donor's request, the terms stipulate that annual income will be capitalized in any year that there is no eligible graduate or undergraduate candidate.

Award 02362 - West Fraser Timber Co. Ltd. Scholarship in Forestry: Five scholarships of \$3,000 each have been endowed by West Fraser Timber Co. Ltd. for undergraduate students in the Faculty of Forestry. Three awards are offered to students entering second year after completing their first year in UBC's Faculty of Forestry and two awards to students entering any year of study and transferring from another faculty, college or university. The awards are made on the recommendation of the Faculty of Forestry.

How amended? First three scholarships are now designated for students entering second year Forestry instead of first year.