



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](http://www.senate.ubc.ca)

## VANCOUVER SENATE

### MINUTES OF APRIL 19, 2000

#### Attendance

**Present:** President M. C. Piper (Chair), Vice-President B. C. McBride, Dean F. S. Abbott, Dr. P. Adebar, Dr. J. D. Berger, Dr. R. W. Blake, Dean J. Blom, Mr. P. T. Burns, Dr. H. M. Burt, Ms. E. J. Caskey, Mr. T. C. Y. Chan, Dr. D. Fisher, Ms. K. Gammon, Dr. J. H. V. Gilbert, Mr. E. Greathed, Dr. S. W. Hamilton, Dr. A. G. Hannam, Rev. T. J. Hanrahan, Dr. P. E. Harding, Dr. J. Helliwell, Dr. D. D. Kitts, Dean M. M. Klawe, Mr. J. Kondopulos, Dr. V. LeMay, Ms. Y. Lu, Dr. D. M. Lyster, Dr. M. I. MacEntee, Dr. P. L. Marshall, A/Dean J. A. McLean, Dr. W. R. McMaster, Mr. W. B. McNulty, Dean D. Muzyka, Dr. P. N. Nemetz, Ms. E. Nerome, Dr. G. N. Patey, Dr. J. Perry, Mr. G. Podersky-Cannon, Dean M. Quayle, Ms. C. Quinlan, Dr. V. Raoul, Dr. H. J. Rosengarten, Mr. A. F. Sheppard, Dr. C. Shields, Dr. D. Sjerne, Dr. B. Stelck, Dr. R. C. Tees, Dr. J. R. Thompson, Dean R. J. Tierney, Dean A. Tully, Mr. D. R. Verma, Mr. D. Visser, Dr. R. A. Yaworsky, Dean E. H. K. Yen.

**Regrets:** Dr. W. L. Sauder (Chancellor), Mr. R. Affleck, Mr. P. T. Brady, Dean J. A. Cairns, Ms. J. Dennie, Dr. R. Goldman-Segall, Dr. D. Granot, Dean F. Granot, Mr. H. D. Gray, Ms. M. Hassen, Ms. J. Hutton, Dean M. Isaacson, Dr. C. Jillings, Dr. S. B. Knight, Dr. B. S. Lalli, Ms. P. Liu, Mr. T. P. T. Lo, Mr. R. W. Lowe, Mr. V. G. Mirehouse, Dr. T. F. Pedersen, Mr. H. Poon, Mr. A. Potluri, Ms. K. Riecken, Dr. K. Schonert-Reichl, Dr. C. E. Slonecker, Ms. L. M. Sparrow, Mr. D. Tompkins, Mr. B. Warren, Ms. K. Wilker, Dr. D. Ll. Williams, Dr. W. C. Wright, Jr.

#### Senate Membership

##### EX-OFFICIO MEMBERS

President Piper welcomed Dr. Robert J. Tierney, who was attending his first meeting of Senate as Dean of the Faculty of Education. She also congratulated Dr. Alan Tully on his recent appointment as Dean of the Faculty of Arts.

## STUDENT REPRESENTATIVES 2000/01

President Piper welcomed the new and returning student representatives to Senate, and invited them to introduce themselves. The student representatives for the term from April 1, 2000 to March 31, 2001 were:

### *Agricultural Sciences*

Mr. Howard Poon, Fourth Year Agricultural Sciences

### *Applied Science*

TBA

### *Arts*

Ms. Michelle Hassen, Second Year Arts

### *Commerce and Business Administration*

Ms. Erina Nerome\*, Third Year Commerce & Business Administration

### *Dentistry*

TBA

### *Education*

TBA

### *Forestry*

Ms. Kristine Wilker\*, Second Year Forestry

### *Graduate Studies*

Mr. David Tompkins, M.A.Sc. Candidate in Electrical and Computer Engineering

### *Law*

Mr. Ben Warren\*, Third Year Law

### *Medicine*

Ms. Joëlle Dennie, Second Year Medicine

### *Pharmaceutical Sciences*

Ms. Pamela Liu, Third Year Pharmaceutical Sciences

### *Science*

Mr. Timothy Chan, Fourth Year Science

***Members-at-large***

Ms. Keri Gammon, Third Year Science

Mr. James D. Kondopulos, Fourth Year Commerce and Business Administration

Ms. Yvette Lu, Fourth Year Science

Ms. Katie Riecken, Third Year Arts

Mr. Dennis Visser, Second Year Science

\*Subject to confirmation by the Alma Mater Society

**Minutes of the Previous Meeting**

<i>Dr. Tees</i>	}	<i>That the minutes of the meeting of March 22, 2000 be adopted as circulated.</i>
<i>Dean Tully</i>		

Carried.

**Chair's Remarks and Related Questions**

**TRIP TO OTTAWA**

President Piper gave a brief report on her recent trip to Ottawa. She was accompanied by several Vice-Presidents, many of the Deans and the Co-ordinator of Health Sciences. The group hosted a gathering of alumni and friends, and also had the opportunity to meet with senior federal government officials. The President described the meeting as a very informative and thoughtful interaction with some of the opinion leaders and policy makers in the federal government.

**TRIP TO HONG KONG AND TAIWAN**

A large group of senior academic officials had accompanied the President on a visit to Hong Kong and Taiwan. The group met with three major universities in Hong Kong: The Chinese University of Hong Kong, The University of Hong Kong, and The Hong Kong University of Science and Technology. UBC interacts with each of these institutions through student exchange programs, joint research projects, and collaboration through the Association of Pacific Rim Universities.

A luncheon was held for members of the Hong Kong chapter of the Alumni Association of the former St. John's University in Shanghai, who had supported the establishment of St. John's College at UBC. A second luncheon was held in honour of Mr. Robert Chao Feng Ho, who was to receive an honorary degree at UBC in May 2000.

Members of the delegation attended meetings with representatives from the Hong Kong Ministry of Information and Technology to discuss a possible UBC presence in the Hong Kong Cyber-Port. Meetings were also held with donors and with the Consul General.

A small alumni office was officially opened in Hong Kong. The space had been donated by UBC alumnus Dr. Anthony Cheng, and the office was staffed by a student intern from the Faculty of Commerce and Business Administration. The President thanked the Faculty of Commerce and Business Administration, in particular, for their support of that initiative. Between 150 and 200 alumni attended a dinner held in Hong Kong.

A smaller alumni event was held in Taipei. The delegation also met with members of the Liu family, who had generously supported UBC through the Liu Centre for the Study of Global Issues. The Centre was scheduled to officially open in September 2000. Meetings took place with representatives from the Ministry of Foreign Affairs and the Ministry of Education in Taiwan, in order to determine the agenda for the Canada-Taiwan Higher Education Forum, which was to take place at UBC in 2001. The group met with The National Taiwan University, UBC's partner university in the Association of Pacific Rim Universities. The fourth annual meeting of the Association of Pacific Rim Universities was to take place at UBC in June 2000.

A research agreement was signed between the Industrial Technical Research Institute in Taiwan and the Canadian Genetic Diseases Network. The President described this agreement as exciting for UBC and for Canada.

The President stated that she felt very fortunate to be a guest of the Tzu Chi Foundation in Taiwan, which had supported the Vancouver General Hospital, as well as several scholarships at UBC.

### **PROVINCIAL BUDGET**

President Piper was delighted to announce that the provincial government had agreed to support the University's request for a five percent lift to its 2000/01 operating budget. She described this increase as a significant display of confidence in post-secondary education in British Columbia. Although the request for 15 cents per dollar of granting council funding for research infrastructure had not been supported, \$117 million over the following three years had been allocated to the BC Knowledge Development Fund. The President stated that UBC would be working with the government to make the case that some of this funding could be used for infrastructure as well as for matching funding.

The President stated that the announcement of the first budget in approximately a decade in which UBC would not experience cuts was certainly cause for celebration. Coupled with the federal government's support of the 21st Century Chairs for Research Excellence program, the future appeared to be bright. The President stated that UBC had the opportunity to move forward and to continue to contribute to the betterment of society.

At Dean Klawe's suggestion, members of Senate gave a round of applause in recognition of President Piper's role in bringing in the first provincial budget without cuts in recent memory.

President Piper thanked the members of Senate, and stated the most important factor in this budget had been that the four established universities had stood together during the process. The President thanked the Senate and the UBC community for their optimism and support.

### **Nominating Committee Membership**

#### **DECLARATION OF VACANCIES**

Call for nominations for two student representatives to serve on the Senate Nominating Committee.

In accordance with regulation 4.1.5 of the Rules and Procedures of Senate, a call for nominations was to be sent out immediately following this meeting and, if necessary, an election was to take place at the May 17, 2000 meeting of Senate.

#### **Academic Policy Committee**

Dr. Tees presented the reports, as chair of the Committee.

#### **JOINT DEGREES**

The following report had been circulated:

##### *Evaluation of Proposals for Joint Degrees between UBC and Other Academic Institutions by Senate*

A proposal for a joint degree program should be reviewed and approved initially by the UBC Senate Academic Policy Committee prior to its consideration by the Senate Curriculum Committee. Because each proposal for a joint degree is likely to involve different idiosyncratic arrangements, these proposals should be considered by the Academic Policy Committee on a case-by-case basis. The guidelines we are creating with our recommendation takes this point into account. Such a review process will allow the UBC Senate to ensure that academic matters are appropriately addressed, and the degree designation on the parchment conforms to UBC Senate approved policy (e.g., Senate Minutes, October 1997).

The proposal for a joint degree program must clearly demonstrate why such a program cannot be covered by UBC's current exchange arrangements. The advantages of a specific joint degree proposal to students, UBC and their partner institutions, should be clearly cited and be readily apparent. The proposal for any degree program will be

expected to provide satisfactory answers to questions of the following kind and should be addressed in the proposal.

1. Is there assurance that a student will be registered in both institutions?
2. Are there mechanisms in place to ensure that student records are maintained in both institutions?
3. Are there mechanisms in place to ensure that a student enrolled in a joint program has access to housing, loans, scholarships, athletics and recreational facilities, daycare, library privileges, e-mail accounts in AT LEAST one of the institutions?
4. Are there procedures in place to ensure that actions related to student discipline are in place for such students at least at one of the institutions?
5. Are the standards set for student admissions at both institutions comparable in respect to the specific program being offered?
6. Are the students enrolled in a joint degree program expected to spend at least two years in residence on the UBC campus?
7. Will decisions made about student progress, etc. made at one institution be respected/accepted by the partner institutions?
8. In the event that a student decides to drop out of the joint degree program, and transfers to another program at one of the partner institutions, is there assurance that the student's new program will accept appropriate courses taken prior to transfer, at all of the cooperating institutions?

Speaking to the report, Dr. Tees recalled the recent discussion at Senate about the joint UBC-BCIT Honours Bachelor of Science in Biotechnology. He stated that the discussion had taken longer than necessary due to outstanding academic considerations that lay beyond the scope of the Curriculum Committee. It would have been helpful if the Academic Policy Committee had been able to examine some of these issues in advance of the Senate meeting. Although the Academic Policy Committee's proposal did not purport to list all of the questions that might be asked about a joint degree, Dr. Tees expressed the hope that it might provide proposers with a sense of the relevant issues.

*Dr. Tees*  
*Dr. Berger*

}

*That proposals for joint degree programs be reviewed and approved by the Academic Policy Committee prior to their consideration by the Curriculum Committee.*

In response to queries from Dr. Blake and Dr. Hamilton, Dr. Tees stated that the motion would apply to all initiatives in progress, but would not be retroactive. He encouraged members of Senate to view the Academic Policy Committee's role in the approval process as helpful.

Dr. Hamilton pointed out that the guidelines did not specifically address procedures related to complaints against faculty members. Dr. Tees pointed out that this issue would be of interest to both the Academic Policy Committee and to the Senate, and that the list of questions in the proposal was not intended as an exhaustive list.

The motion was  
put and carried.

## FACULTY OF GRADUATE STUDIES POLICY CHANGES

The following report had been circulated:

### *Senate Approval of Policy "Changes" in the Faculty of Graduate Studies*

#### Preamble

As we know, under Section 37.C of the University Act, all questions related to the academic administration of students lies in the hands of Senate and policies regarding these matters must be approved by Senate. In Part 8, Section 40 of the Act under the heading "Powers and Duties of Faculty", it clearly stipulates that faculties, including the Faculty of Graduate Studies, can make rules for the government, direction, and management of the faculty in its affairs in business, subject to the approval of Senate. The Faculty of Graduate Studies is currently engaged in the process of rewriting and revising its original policies and procedures manual. Apparently, none of its policies have been approved by Senate (or its Senate Academic Policy Committee) in the past. This report to Senate is an initial one in which the Senate Academic Policy Committee reviews both "policy" and changes to it and we are recommending to the Senate that these specific policies be approved.

#### A. Recommended Policy on Membership in the Faculty of Graduate Studies

##### *General Criteria for Membership:*

*Although the Ad Hoc Committee on Membership in the Faculty of Graduate Studies considered that the primary responsibility for defining the criteria for membership of the Faculty of Graduate Studies should rest with the individual faculty, department or unit concerned, the Committee believes there were some general considerations on which policy should be established. Faculties, departments, and units would be expected to establish criteria consistent with these general criteria.*



(a) *Full Members to the Faculty of Graduate Studies*

*Full members of the Faculty of Graduate Studies may teach graduate students and vote in the Faculty of Graduate Studies. Individuals eligible for full membership must be faculty members holding the title of professor, associate professor or assistant professor, or professor emeritus in an academic unit authorized to grant degrees.*

(b) *Associate members of the Faculty of Graduate Studies*

*Associate members of the Faculty of Graduate Studies may teach graduate students but will have no voting or other privileges in the Faculty of Graduate Studies. Individuals eligible for associate membership of the Faculty of Graduate Studies will include:*

1. *Senior Instructors*
2. *Adjunct and Clinical Faculty*
3. *Honorary Faculty*
4. *Visiting Professors*
5. *Research Associates*
6. *Post Doctoral Fellows*
7. *Staff of Research Institutes affiliated with the University*

**Rationale:**

The original policy statement on membership in the Faculty of Graduate Studies indicated that all full and associate members of the Faculty are entitled to supervise graduate students. This statement contradicts Policy 6.2, Members of Supervisory Committees who are not full time Faculty Members, which states that supervisory committees must be chaired by a full time, senior member of faculty. Professors emeriti, honorary faculty, adjunct faculty and off-campus professionals who are academically qualified to advise graduate students may be members of supervisory committees if approved by the Dean of Graduate Studies. The proposed changes in wording eliminate the inconsistency and any confusion that might exist about which policy prevails.

**B. Recommended policy "change" to Policy 11.2, A.1, Student Service Appointments**

Recommended policy change (strikethrough):

**A. GRADUATE STUDENTS**

1. *Appointment: General*

- (a) *Only those students registered as full-time in the Faculty of Graduate Studies are eligible for Graduate Teaching Assistant, Graduate Research Assistant and Graduate Academic Assistant appointments. Appointments offered to students prior to their admission to the Faculty are contingent upon admission.*

Rationale:

Deletion of the phrase "as full-time" from the policy on eligibility for Student Service Appointments allows both full-time and part-time students access to Student Service Appointments.

**C. New Policy re: Ownership of Academic Records Submitted in Support of Applications**

Recommended Policy:

*All official academic records submitted in application become the property of the University of British Columbia and are not released to the applicant. Students are guaranteed access to these files in the form of copies through the Freedom of Information and Privacy Act.*

Rationale:

Some applicants/students assume they own academic records sent to support their applications because they paid for the issuance of transcripts. Occasionally some will insist that these documents be released to them. Because these official documents are used to make various decisions-admissions, financial support, and so on-they must be retained by UBC for legal reasons. Adopting this as a formal policy and printing it on the application form will reduce any confusion about ownership of these documents.

**D. Recommended Policy "Change" to Policy 6.2, Supervisory Committee for Doctoral Students**

Recommended Policy Change:

*The doctoral student's supervisory committee is responsible for guiding the student in the planning of the research and in the preparation of the thesis.*

*The usual procedure for the selection of a supervisory committee for a doctoral program is as follows;*

- 1. The student will obtain the agreement of a full-time member of faculty to chair the supervisory committee. In most cases, the Chair of the supervisory committee will be the supervisor of the thesis research. The selection of a supervisor usually occurs before the thesis proposal is drafted. The Chair must be a member of the Faculty of Graduate Studies from a department authorized to offer the doctoral degree and normally have had previous experience serving on doctoral committees or as research supervisor or chair of Doctoral committees.*

*The Chair of the committee must be a full-time member of faculty. If the Chair leaves the University but the thesis is close to completion the Chair may, with the permission of the Dean of Graduate Studies, continue. In this case, a co-Chair who is a full-time member of faculty must be appointed.*

Rationale:

The original contained the sentence, The Chair must be a member of the Faculty of Graduate Studies from a department authorized to offer the doctoral degree **and normally will be a Professor or Associate Professor** with some previous experience on doctoral committees or as research supervisor or Chair of Doctoral committees. Given

the changing circumstances of the tenure timeline, it seems no longer reasonable to expect only associate or full professors to assume the full responsibility of chairing doctoral supervisory committees. The proposed wording essentially eliminates any reference to rank in this portion of the policy.

<i>Dr. Tees</i>	}	<i>That the proposed policy changes in the Faculty of Graduate Studies be approved.</i>
<i>Dr. Gilbert</i>		

Referring to the General Criteria for Membership in the Faculty of Graduate Studies, Dr. Adebar asked whether a unit could elect to use its own definition of "full member." Dr. Blake replied that the criteria listed in the policy would prevail, and agreed that the first paragraph under "General Criteria for Membership" may be modified for clarity.

A discussion ensued regarding the changes to Policy 6.2, Supervisory Committee for Doctoral Students. Members of Senate pointed out that the chair and the supervisor were not always the same person; in some Faculties, the chair is deliberately not the supervisor. There were also questions about whether the policy would allow for professors emeriti to chair supervisory committees, and if so, whether that would be appropriate. Some members felt that professors emeriti were generally not available frequently enough to take on such a responsibility, while others stated that professors emeriti were an under-utilized resource and that some of them might have the additional time available to chair supervisory committees. Dr. Blake clarified that the appointment of a professor emeritus/emerita as chair would be rare, and subject to the approval of the Dean of the Faculty of Graduate Studies. Dr. Tees agreed to accept the following changes as friendly amendments:

**D. Recommended Policy "Change" to Policy 6.2, Supervisory Committee for Doctoral Students**

Recommended Policy Change:

*The doctoral student's supervisory committee is responsible for guiding the student in the planning of the research and in the preparation of the thesis.*

*The usual procedure for the selection of a supervisory committee for a doctoral program is as follows;*

*The student will obtain the agreement of a ~~full-time~~ full member of ~~faculty~~ the Faculty of Graduate Studies to chair the supervisory committee. In most cases, the Chair of the supervisory committee will be the supervisor of the thesis research. The selection of a supervisor usually occurs before the thesis proposal is drafted. The Chair must be a member of the Faculty of Graduate Studies from a department authorized to offer the doctoral degree and normally have had previous experience serving on doctoral committees or as research supervisor or chair of Doctoral committees.*

*The Chair of the committee must be a ~~full-time~~ full member member of ~~faculty~~ the Faculty of Graduate Studies. If the Chair leaves the University but the thesis is close to completion the Chair may, with the permission of the Dean of Graduate Studies, continue. In this case, a co-Chair who is a ~~full-time~~ full member of ~~faculty~~ the Faculty of Graduate Studies must be appointed.*

Dr. Spencer, referring to the proposed policy on the ownership of academic records, pointed out that the University already had a policy published in the Academic Regulations section of the *Calendar*, which stated that students may request the return of irreplaceable documents. He added that he would be concerned if there were confusion or contradiction between this policy and the proposed Faculty of Graduate Studies policy. It was agreed that this policy would require further consideration.

Mr. Burns  
Dr. MacEntee

}

*That the proposed policy on Ownership of Academic Records Submitted in Support of Applications be tabled to allow for further consideration.*

Carried.

The amended  
motion was put  
and carried.

### **Admissions Committee**

Please note: the following proposals were withdrawn from the agenda.

- Faculty of Science: B.Sc. Major in Cognitive Systems;
- Faculty of Applied Science, School of Architecture: M.Arch. and M.A.S.A.;

- Faculty of Commerce and Business Administration: M.B.A. for Accounting Professionals;
- Faculty of Science: M.Sc., Medical Physics.

Dr. Lyster reported that the Admissions and Curriculum Committees were working to ensure that admissions and curriculum proposals came to Senate for approval in a more coordinated manner.

#### **FACULTY OF FORESTRY: B.S.F. AND B.SC.F.**

Dr. Lyster presented the following proposals, as chair of the Committee.

#### ***Changes to the Admission Requirements for the B.S.F. Undergraduate program (Forest Resources Management Major and Forest Operations Major)***

##### **Present Calendar Entry (page 184, column a, b)**

##### **Admission**

Paragraph one remains unchanged.

##### **Paragraph two:**

Achievement of the minimum academic requirements outlined in this chapter and in Part II, "Undergraduate Admission" does not guarantee admission to these programs. Due to limited enrolment, the admission of applicants will be determined competitively on the basis of admission average.

##### **Paragraph three:**

The majority of applicants from secondary school will also be admitted on the basis of admission average, calculated as the average of four specified Grade 12 subjects (see Undergraduate Admission).

##### **Paragraph four:**

Students entering from secondary school must have met the general University entrance requirements (see Undergraduate Admission), including Mathematics 12, two of Biology 11, Chemistry 11, or Physics 11 (all three are strongly recommended), and one of Chemistry 12 or Physics 12.

##### **Paragraph five:**

Approximately ten applicants from secondary school who meet minimum academic requirements, but who do not meet the required competitive average for admission, will be selected for admission by the admissions committee of the Faculty of Forestry on the basis of additional information provided on a supplementary application form. Such applicants may also be interviewed. All applicants who do not meet the admission-average cutoff for early admission will be sent a copy of this form, with an invitation to submit it for possible consideration by the Admission Committee. Submission is optional. The Admission Committee will consider all applicants who submit a supplementary

application form and who have a final grade minimum average equal to or above the minimum average for admission to the University (67%).

Paragraph six remains unchanged.

Paragraph seven:

Students entering second year must select one of two Major programs: Forest Resources Management or Forest Operations. To be eligible for second year of Forest Resources Management or Forest Operations, students must have completed 24 credits or more of university-level work, including six credits of first-year English; MATH 100 and 101 (or 102 and 103 for the Forest Management Major); BIOL 120 and one of: BIOL 110 or 115 or Biology 12 with a grade of 80% or better; and either Physics (100 and 101 or 101 and 102) or Chemistry (111 and 112 or 121 and 122), or an equivalent. If either chemistry or physics has not been taken at the Grade 12 level, it must be the subject included in the above-stated requirements. Moreover, it is recommended that students include both chemistry and physics in their first-year program. The Major programs are designed to allow completion in three years following at least one year (30 credits) of university-level work.

Paragraph eight:

Applicants graduating from a two-year forestry technology diploma program must have achieved an overall average of at least 65% in their program, plus have the required secondary school courses as outlined above. Consideration will be given to individual cases of study in determining the exemptions that may be applied to the Forestry degree program.

Paragraph nine:

Application for admission by students or graduates of other universities, colleges, or other faculties will be reviewed individually. It may be possible to design study programs for such applicants that meet Forestry degree requirements in less than the full four years. Transfer students may be required to validate advanced standing in a given subject by passing an examination.

Paragraph ten:

Applicants who are uncertain about the selection of a Major, and those who lack some of the required courses but may have other advance credit, are urged to consult the co-ordinator of student services in the Faculty of Forestry.

**Proposed Calendar Entry:**

*Paragraph one remains unchanged.*

The majority of applicants from secondary school will be admitted on the basis of admission average, calculated as the average of four specified Grade 12 subjects (see Undergraduate Admission). Students entering from secondary school must have met the general University entrance requirements (see Undergraduate Admission), including Mathematics 12, two of Biology 11, Chemistry 11, or Physics 11 (all three are strongly recommended), and one of Chemistry 12 or Physics 12. *(Former paragraphs three and four have been combined and moved to paragraph two.)*

Meeting the minimum academic requirements outlined for each program and in the Undergraduate Admission section of this calendar does not guarantee admission to these programs. Due to limited enrolment, the admission of applicants will be determined competitively on the basis of admission average. *(Former paragraph two has been moved to paragraph three and the wording has been changed to improve readability.)*

Up to ten applicants from secondary school who meet minimum academic requirements, but who do not meet the required competitive average for admission, may be selected for admission by the admissions committee of the Faculty of Forestry on the basis of additional information provided on a supplementary application form. Such applicants may also be interviewed. All applicants who do not meet the admission-average cutoff for early admission will be sent a copy of this form, with an invitation to submit it for possible consideration by the Admission Committee. Submission is optional. The Admission Committee will consider all applicants who submit a supplementary application form and who have a final grade minimum average equal to or above the minimum average for admission to the University (67%). *(Former paragraph five has been moved to paragraph four.)*

Application for admission by students or graduates of other universities, colleges, or other faculties will be reviewed individually. It may be possible to design study programs for such applicants that meet Forestry degree requirements in less than the full four years. Transfer students may be required to validate advanced standing in a given subject by passing an examination. *(Former paragraph nine has been moved to paragraph five.)*

*Paragraph six remains unchanged.*

Applicants graduating from a two-year forestry technology diploma program must have achieved an overall average of at least 65% in their program, plus have the required secondary school courses as outlined above. Consideration will be given to individual cases of study in determining the exemptions that may be applied to the **B.S.F. program**. *(Former paragraph eight has been moved to paragraph seven and the name of the program has been included to clarify which program exemptions can be applied towards.)*

Students must select one of two Major programs: Forest Resources Management or Forest Operations. Applicants who are uncertain about the selection of a Major, and those who lack some of the required courses but may have other advanced credit, are urged to consult the Co-ordinator of Student Services in the Faculty of Forestry. *(Former paragraph ten has been moved to paragraph eight and the first sentence of former paragraph seven has been combined with paragraph seven.)*

To be eligible for second year of the Forest Resources Management or Forest Operations majors, students must have completed 30 credits or more of university-level work, including BIOL 120; Math 100 and 101 (or Math 102 and 103 for the Forest Resources Management Major); and 18 credits selected from the following courses: three credits of 100-level English (ENGL 112 recommended); either CHEM (111 or 112) or PHYS (100 or 101) or an equivalent; ECON 101 and 102; FRST 231; FRST 232; SOIL 200; GEOG 204; PHYS 170 (Forest Operations Major only) or up to six credits of social science electives. *(Former paragraph seven has been moved to paragraph nine and updated to reflect the changes to the B.S.F. program)*

Students who complete the above courses will be placed in second year. Students who enter with less than 30 credits will normally take two additional years to reach third year. *(The penultimate sentence in former paragraph seven has been deleted and the final sentence has been moved to paragraph ten.)*

**Rationale:**

The proposed admissions statement reflects present practice and matches our intent under the restructured B.S.F. program. The ordering of some of the paragraphs has been changed to improve continuity, but the statement is otherwise similar.

Effective Date: September 1, 2000

Dr. Lyster  
Dean Abbott

}

*That the proposed changes to the admission requirements for the B.S.F. Undergraduate Program (Forest Resources Management and Forest Operations Major) be approved.*

Carried.

***Changes to the Academic Regulations Section of the B.S.F. Undergraduate Program (Forest Resources Management Major and Forest Operations Major)***

**Present Calendar Entry (page 184, column b)**

**Graduation Requirements**

Each one of the undergraduate Majors in Forestry consists of a minimum of four years of university study.

The required first year courses vary for each of the five Majors. Students are encouraged to indicate their preference for their Major prior to entering the Faculty of Forestry. However, it may be possible to select courses for the first year in such a way as to enable the student to delay the choice of Major until after the first year. Students who wish to do so should consult with a faculty adviser when selecting their courses.

**Proposed Calendar Entry:**

**Graduation Requirements**

In order to graduate, students must meet the course requirements for their major. This requires a minimum of four years of university study.

**Rationale:**

Much of the present statement is covered in the "Admissions" section. The proposed statement is limited only to graduation requirements.



Effective Date: September 1, 2000

Dr. Lyster

Dr. Fisher

}

*That the proposed changes to the academic regulations for the B.S.F. Undergraduate Program (Forest Resources Management Major and Forest Operations Major) be approved.*

Carried.

***Changes to the Academic Regulations, Examinations and Advancement, of the B.S.F. Undergraduate program (Forest Resources Management Major and Forest Operations Major)***

**Present Calendar Entry (page 184, column c)**

6. Only those students with an average grade of 60% or more in 30 credits during their first year will be eligible for entry to second-year Forestry. Students who fail to achieve this standing will be required to withdraw from the Faculty for at least one year. In subsequent years, students who do not pass at least 60% of the credits undertaken or who do not achieve an overall average of 50%, will be required to withdraw from the Faculty for at least one year.
7. A candidate who does not complete studies for graduation in May following fourth year, will be required to register for all uncompleted courses, in a subsequent session (summer or winter), and will be assessed the prescribed fees for these courses. Students who do not complete FRST 499 (B.S.F. Thesis), FRST 498 (B.Sc. Thesis), WOOD 493 (Wood Processing Project), CONS 498 (Thesis or Special Project) or Forestry 497 (Graduating Essay) in their fourth year must complete these requirements in time for graduation in the fall of the following year. Students who do not complete their thesis or graduating essay within the specified period of time must formally register in the B.S.F. or B.Sc. program in a subsequent session and may be required to take additional courses related to the thesis or essay topic.

**Proposed Calendar Entry:**

6. First-year students must pass at least 60% of credits undertaken and achieve an overall average grade of at least 60% or be required to withdraw from the Faculty for at least one year. Completion of at least 30 credits is required for promotion to second year. In subsequent years, students who do not pass at least 60% of the credits undertaken and achieve an overall average of 55% will be required to withdraw from the Faculty for at least one year. Students who do not complete all required courses for their program year will not be promoted to the next program year, but may register in a subsequent session.
7. A candidate who does not complete requirements for graduation in May following fourth year, will be required to register for all outstanding courses in a subsequent session (summer or winter) and will be assessed the prescribed fees for these courses. Students who do not complete FRST 497 (B.S.F. Essay), FRST 498 (B.Sc. Thesis), WOOD 493 (Wood Processing Project), or CONS 498 (Thesis or Special Project) in their fourth year must complete these requirements in time for gradua-

tion in the fall of the following year. Students who do not complete these requirements within the specified period must formally register in a subsequent session and may be required to take additional courses related to the thesis or project topic.

**Rationale:**

In order to achieve the learning objectives in the restructured B.S.F. program, students must take the block of courses grouped into each program year. This will allow for scheduling integrated field session throughout the term. Failure to complete the first- and second-year required courses would result in the failure to meet the pre-requisites of all of the upper year courses. The minimum G.P.A. required for promotion following first-year reflects the minimum level of understanding required for the integrative teaching approach in the revised B.S.F. program. The new wording highlighted under point 7 is reflective of the content of the new B.S.F. program that no longer has an option for a B.S.F. Thesis (Forestry 499).

Effective Date: September 1, 2000

Dr. Lyster  
A/Dean McLean

}

*That the proposed changes to the academic regulations, examinations and advancement for the B.S.F. Undergraduate Program (Forest Resources Management and Forest Operations Major) be approved.*

Carried.

***Changes to Degree Requirements of B.S.F. Undergraduate Program (Forest Resources Management Major and Forest Operations Major)***

**Present Calendar Entry (page 185, column a, b)**

**English Requirements**

To qualify for the degree of B.S.F., B.Sc. (Forestry), or B.Sc. (Natural Resources Conservation), students must satisfy the English requirement of the Faculty of Forestry. To do this, students must obtain credit for two of ENGL 110, 111, 112, 120 and 121. Students enrolled in the B.Sc. (Wood Products Processing) program are required to complete one of ENGL 110, 111, or 112.

All students prior to entering first-year English courses at the University of British Columbia are required to write the Language Proficiency Index (LPI) examination. Returning UBC students who have not yet completed six credits of first-year English, will also be required to take the LPI examination. (See Language Proficiency Index Requirement for First-Year English.)

Those students whose LPI scores are below the required level for entrance into first-year English courses are advised to take a non-credit writing course in the University Writing Skills Centre and may not register for more than 12 credits of course work per term. Upon being permitted to enrol in first-year English courses, these students must do so at the first opportunity.

students must complete the English requirement before entering the third year of their program, or within one year of first registering at UBC, whichever date is later.

#### Part-time Studies

In co-operation with Guided Independent Study, credit correspondence courses are available for persons who wish to work towards degree completion, but cannot attend regular full-time on-campus programs. These courses are also accredited by the Association of British Columbia Professional Foresters towards completion of requirements for RPF status. Part-time daytime studies on campus can also be arranged. Information on non-credit professional continuing education courses is available through the provincial office of the BC Forestry Continuing Studies Network on campus.

#### Field Work

In the four-month period May through August, students are encouraged to obtain practical experience not obtainable in laboratory or field classes. Great importance is placed on this phase of the student's training and the candidate should gain experience relative to the area of interest selected. In addition short field exercises are required from time to time throughout all four years. Such exercises are often scheduled on weekends. Attendance is mandatory and students are responsible for expenses incurred.

#### Extra-Sessional Courses

Three courses in the Forestry programs are taken outside the normal academic year. These are Forest Operations 263, Basic Forest Surveying, preceding second year; Forestry 351, Interior Field School, preceding third year; and Forestry 451, Field Work in Forest Operations, Silviculture, and Mensuration following third year. Students requiring these courses in their program are advised to take them in the correct sequence to ensure steady progress and timely completion of degree programs.

#### Proposed Calendar Entry:

<Delete the entire section.>

#### Rationale:

Much of the material in this section is covered elsewhere in the revised program description.

Effective Date: September 1, 2000

*Dr. Lyster*

*Dr. Tees*

}

*That the proposed deletions be approved.*

Carried.

#### *Changes to the Admission Requirements for Second Year of the B.Sc.F. Program (Forest Sciences)*

##### **Present Calendar Entry (page 190, column b):**

To be eligible for second year of the Forest Science Major, students must have completed six credits of first year English; Biology 120 and one of BIOL 110 or 115 or Biology 12 with a grade of 80% or better; MATH 100 and 101 (or 102 or 103); and CHEM

111 and 112 or 121 and 122. The program is designed to allow completion in three years following at least one year (30 credits) of university-level work.

**Proposed Calendar Entry:**

To be eligible for second year of the Forest Science Major, students must have completed six credits of first-year English; Biology 120 and one of BIOL 110 or Biology 12, MATH 100 and 101 (or 102 or 103); and CHEM 111 and 112 or 121 and 122. The program is designed to allow completion in three years following at least one year (30 credits) of university-level work.

**Rationale:**

Changes reflect new course numbers offered by the Department of Biology.

Effective Date: September 2000.

*Dr. Lyster*

*A/Dean McLean*

}

*That the proposed changes to the admission requirements for the second year of the B.Sc.F. (Forest Sciences) Program be approved.*

Carried.

**Continuing Studies Committee**

**CERTIFICATE IN BIOINFORMATICS**

*Please note: this report is not included in the Minutes. Copies are available from the Manager, Secretariat Services.*

As chair of the Committee, Dean Yen presented for information a new certificate program in Bioinformatics from the Faculties of Medicine and Science.

**Curriculum Committee**

*Please see 'Appendix A: Summary of Curriculum Changes'*

Dr. Berger presented the reports, as chair of the Committee.

#### FACULTY OF APPLIED SCIENCE

<i>Dr. Berger</i>	}	<i>That the proposed curriculum changes from the Faculty of Applied Science be approved.</i>
<i>Dr. Adebar</i>		

Carried.

#### FACULTY OF FORESTRY

Dr. Berger remarked that the proposals from the Faculty of Forestry represented an extensive restructuring of the Faculty's undergraduate programs.

<i>Dr. Berger</i>	}	<i>That the proposed curriculum changes from the Faculty of Forestry be approved.</i>
<i>A/Dean McLean</i>		

Carried.

#### FACULTY OF SCIENCE

Dr. Berger noted that the approval for the proposed B.Sc. Major in Cognitive Systems had been withheld pending approval of the letter of intent. Two new courses for the proposed new major (under the COGS subject code) were included for approval. Dr. Berger was optimistic that the major would come before Senate for approval at the May 17, 2000 meeting.

<i>Dr. Berger</i>	}	<i>That the curriculum proposals from the Faculty of Science be approved.</i>
<i>Dean Klawe</i>		

Carried.

#### **Student Awards Committee**

*Please see Appendix B: New Awards*

Dr. Thompson presented the new awards, as chair of the Committee. He reported that approximately \$250,000 in new bursaries, scholarships and fellowships became available to students

each year. Approximately 25% of these funds were for bursaries, with the remainder being for scholarships and fellowships.

<i>Dr. Thompson</i>	}	<i>That the new awards be accepted, and recommended for approval by the Board of Governors, and that letters of thanks be sent to the donors.</i>
<i>Mr. Kondopulos</i>		

Carried.

### **Report of the University Librarian**

*Note: This report is not included in the Minutes. Copies are available from the Manager, Secretariat Services.*

Ms. Quinlan presented the report for the 1998/99 fiscal year. She recalled that \$850 000 in subscriptions had been cancelled during that year due to budgetary constraints. Prices for print materials had also increased dramatically, particularly in the sciences. In consultation with the Science Library Advisory Committee and library users, the Library agreed to cease its attempts to build an on-site collection for the sciences. Users were encouraged to consider a model of access rather than acquisition, and approximately 2500 new electronically-based titles had been made available through workstations in the libraries and in the Faculties. The Library was in the process of negotiating, in concert with the University of Toronto, access to an additional 1100 new titles. Ms. Quinlan described this as a significant step for the University. A different approach was taken for humanities and social sciences, because information in these areas was not as readily available in electronic format. Ms. Quinlan expressed the opinion that the Library should recognize that there are differences in the ways that it is able to support the various disciplines, and take advantage of those differences.

*Report from the Registrar*

The Library Processing Centre had faced a crisis when its heating and ventilation system shut down, and a number of materials were lost. Ms. Quinlan reiterated that this situation was emblematic of the poor condition of the Library's physical facilities.

Ms. Quinlan was pleased to report that the Library had received a \$1 million endowment from the Sutherland Foundation in support of access to electronic materials.

**Report from the Registrar**

**TERM AND EXAMINATION DATES 2001 - 2006**

The following dates were circulated for information.

Term 1	2001	2002*	2003	2004	2005	2006
Start	Tu. Sept. 4	Tu. Sept. 3	Tu. Sept. 2	Tu. Sept. 7	Tu. Sept. 6	Tu. Sept. 5
Finish	Fr. Nov. 30	Fr. Nov. 29	Fr. Nov. 28	Th. Dec. 2	Fr. Dec. 2	Fr. Dec. 1
#Teaching Days	(62 days)	(62 days)	(61 days)	(61 days)	(62 days)	(62 days)
Exams Start	Tu. Dec. 4	Tu. Dec. 3	Tu. Dec. 2	Mo. Dec. 6	Tu. Dec. 6	Tu. Dec. 5
Exams Finish	Th. Dec. 20	Th. Dec. 19	Th. Dec. 18	We. Dec. 22	Th. Dec. 22	Thu. Dec. 21
Term 2	2002	2003	2004	2005	2006	2007
Start	We. Jan. 2	Mo. Jan. 6	Mo. Jan. 5	Tu. Jan. 4	Tu. Jan. 3	Tu. Jan 2
Midterm break	Feb. 18-22	Feb. 17-21	Feb 16-20	Feb 14-18	Feb. 13-17	Feb. 19-23
Finish	Fr. Apr. 5	We. Apr. 9	We. Apr. 7	Fr. Apr. 8	Th. Apr. 6	Th. Apr. 5
# Teaching Days	(61 days)	(63 days)	(63 days)	(63 days)	(63 days)	(63 days)
Exams Start	Tu. Apr. 9	Mo. Apr. 14	Tu. Apr. 13	Tu. Apr. 12	Mo. Apr. 10	Tu. Apr. 10
Exams Finish	Th. Apr. 25	Fr. May 2	Th. Apr. 29	Th. Apr. 28	Fr. Apr. 28	Th. Apr. 26

---

*Adjournment*

\*Please note: Years marked with an asterisk have three Monday statutory holidays (or days in lieu of statutory holidays falling on weekends) in Term 1.

**Adjournment**

There being no further business, the meeting was adjourned.

**Next meeting**

The next regular meeting of Senate will be held on Wednesday, May 17, 2000 at 8:00 p.m.



## **Appendix A: Summary of Curriculum Changes**

### **CATEGORY 1 UNDERGRADUATE CURRICULUM CHANGES**

#### *Faculty of Applied Science*

New courses	APSC 150, APSC 230.
New programs	Minor in Information Technology, Integrated Engineering Program.
Program Changes	First Year Curriculum: Page 104, column 2, Admissions: Page 102, column 2.

#### CIVIL ENGINEERING

New course	CIVL 478.
Program change	Engineering Physics, Third Year.

#### MECHANICAL ENGINEERING

Course change	MECH 356: change description, add pre-requisite and co-requisite.
---------------	---

#### METALS AND MATERIALS ENGINEERING

New course	MMAT 494.
------------	-----------

#### *Faculty of Forestry*

New courses	FRST 200, FRST 201, FRST 239.
Program changes	Restructuring of B.S.F. Program, Forest Resources Management Major, Forest Resources Management (Specialization in International Forestry), Forest Resources Management/International Forestry Option,

Forest Operations Major,  
Bachelor of Science in Natural Resources Conservation,  
Bachelor of Science in Forestry (B.Sc.(Forestry)),  
Forest Science (Specialization in International Forestry)

*Faculty of Science*

BIOLOGY

New courses                      BIOL 111, BIOL 112, BIOL 120, BIOL 130, BIOL 140.

CHEMISTRY

New course                      CHEM 154.

COMPUTER SCIENCE

New course                      CPSC 219.

New program                    Major: Computer Science, Software Engineering Option.

MATHEMATICS

New course                      MATH 318.

MICROBIOLOGY AND IMMUNOLOGY

Course changes                MICB 202: hours, pre-requisite.

Delete courses                MICB 307, MICB 309.

New course                      MICB 353.

PHYSICS AND ASTRONOMY

New course                      PHYS 410.

PSYCHOLOGY

New courses                      COGS 200, COGS 400.

**CATEGORY 2 UNDERGRADUATE CURRICULUM CHANGES**

*Faculty of Applied Science*

Course changes                      APSC 201: description.

GEOLOGICAL ENGINEERING

Program changes                      Applied Geophysics,  
Environmental and Geotechnical Option.

MECHANICAL ENGINEERING

Course changes                      MECH 455, MECH 456: credits and hours.

METALS AND MATERIALS ENGINEERING

Program change                      Revise list of Fourth Year Electives.

MINING AND MINERAL PROCESS ENGINEERING

Course change                      MMPE 302: hours.

*Faculty of Arts*

Course changes                      Remove all vectors for courses in the Faculty.

Program change                      Dean's Honour List (p. 120, col. 3),

ECONOMICS

Program change                      Program descriptions for Combined Major programs.

---

*Appendix A: Summary of Curriculum Changes*

FIRST NATIONS LANGUAGE PROGRAM

Program change                      New category of student: Pre-degree Studies.

LESBIAN AND GAY STUDIES

Program change                      Name change from "Minor in Lesbian and Gay Studies" to  
"Minor in Critical Studies in Sexuality."

Course changes                      LGST 300, LGST 450, LGST 500: subject code (CSIS), title.  
LGST 490: subject code (CSIS).

*Faculty of Commerce and Business Administration*

Course changes                      COMM 407: description, number, pre-requisite, and title.  
COMM 307: description, number.  
COMM 406: number, pre-requisite.  
COMM 290, COMM 294: credits, description.

*Faculty of Forestry*

Course changes                      FRST 231: pre-requisites.  
FRST 305: description, hours.  
FRST 306: description.

Program changes                      Calendar entry revisions for:  
Faculty of Forestry,  
Bachelor of Science in Forestry (B.S.F.),  
Admission (pending approval from Senate Admissions  
Committee),  
Academic Regulations: Graduation Requirements,  
Examinations and Advancement,

Degree Requirements:              English Requirements, Part-time Studies, Field Work, Extra-  
Sessional Courses.

***Faculty of Science***

BIOLOGY

- |                |   |
|----------------|---|
| Program change | Remove 80% requirement for direct registration in BIOL 120.                           |
| Course changes | BIOL 327: reinstate.<br>BIOL 334, BIOL 418: pre-requisites.<br>BIOL 416: description. |

CHEMISTRY

- |                                     |
|-------------------------------------|
| Edit pairing list (p. 315, col. 3). |
|-------------------------------------|

COMPUTER SCIENCE

- |                 |                        |
|-----------------|------------------------|
| Program changes | P. 325, cols. 2 and 3. |
|-----------------|------------------------|

GEOGRAPHY

- |                |   |
|----------------|---|
| Course changes | ATSC 301: pre-requisites.<br>GEOG 301: description. |
| Program change | Edit pairing list (p. 316, col. 1).                 |

MICROBIOLOGY AND IMMUNOLOGY

- |                 |   |
|-----------------|---|
| Program changes | Edit preamble,<br>Edit pairing list (p. 316, col. 1). |
| Course changes  | MICB 401: description and pre-requisites.             |

PHYSICS AND ASTRONOMY

- |                 |  |
|-----------------|--|
| Program changes | Edit note (p. 336, col. 2),<br>Change line in program (p. 336, col. 3), (p. 337, col. 1),<br>Honours: Biophysics,<br>Change program (p. 337, col. 1),<br>Edit pairing list (p. 315, col. 3). |
|-----------------|--|

---

*Appendix A: Summary of Curriculum Changes*

Course changes	ASTR 101, PHYS 100, PHYS 101, PHYS 102: pre-requisites.
STATISTICS	
Program change	P. 339, col. 1.

## **CATEGORY 2 GRADUATE CURRICULUM CHANGES**

### ***Faculty of Agricultural Sciences***

#### **LANDSCAPE ARCHITECTURE PROGRAM**

Course changes	LARC 530, LARC 552: close. LARC 531: description, title. LARC 540: description, pre-requisite, title. LARC 551: credits, hours, title.
Program changes	Change total MLA credits, Add passing grade requirement for studio course.

### ***Faculty of Applied Science***

#### **CHEMICAL AND BIOLOGICAL ENGINEERING**

Course change	CHML 577: description, title.
---------------	-------------------------------

#### **SCHOOL OF NURSING**

Course changes	NURS 527, NURS 537, NURS 547, NURS 557, NURS 567: close. NURS 577: open.
----------------	--

### ***Faculty of Arts***

#### **ECONOMICS**

Course change	ECON 587: number (543), title.
---------------	--------------------------------

#### **SCHOOL OF LIBRARY, ARCHIVAL AND INFORMATION STUDIES**

Course change	ARST 599: credits.
---------------	--------------------

### ***Faculty of Education***

#### **EDUCATIONAL AND COUNSELLING PSYCHOLOGY AND SPECIAL EDUCATION**

Course changes	EPSE 501, EPSE 502, EPSE 503, EPSE 592, EPSE 596, EPSE 683: title.
----------------	---





## **Appendix B: New Awards**

Evan ADAMS Health Sciences Bursary-Bursaries totalling \$700 have been endowed from the proceeds of the film premier of "Smoke Signals" and The University of British Columbia in honour of Evan Adams, lead actor. The award is offered to First Nations students in undergraduate programs in health sciences or human services. (Available 2000/2001 Winter Session)

Fred and Page BEESON Scholarship in Agricultural Sciences-A \$2,700 scholarship has been endowed by Page Beeson and her husband Fred for a student in Agricultural Sciences. The award is offered to a graduate student in poultry production research or poultry production and is made on the recommendation of the Faculty of Agricultural Sciences in consultation with the Faculty of Graduate Studies. (Available 2000/2001 Winter Session)

Joseph E. BRYANT Scholarship in Science-A \$1,000 scholarship has been endowed by Joseph E. Bryant. The award is offered to a fourth year honours student in the Faculty of Science who has a demonstrated interest in wildlife ecology as it relates to aboriginal rights and interests, or an interest in biological taxonomy. The award is made on the recommendation of the Faculty of Science. (Partial amount available 1999/2000 Winter Session)

Gilmour and Marjorie CLARK Bursary in Agricultural Sciences-Bursaries totalling \$1,000 have been endowed by Gilmour and Marjorie Clark for students in the Faculty of Agricultural Sciences. (Available 2000/2001 Winter Session)

Greg CLARKE Memorial Bursary in Medicine-A \$300 bursary has been endowed by family, friends, and classmates, in memory of Greg Clarke. The award is offered to a student in the Faculty of Medicine, with preference to a mature student. (Available 2000/2001 Winter Session)

Robert DRISCOLL Memorial Prize in Medicine-A \$500 prize has been endowed in memory of Dr. Robert Driscoll by family, friends and colleagues. The award is offered to an outstanding 3rd or 4th year student with preference given to a student from a rural community. The award is made on the recommendation of the Faculty of Medicine. (Available 2000/2001 Winter Session)

Hazel T. B. EMERSON Bursary-Bursaries totalling \$600 have been endowed by Hazel T.B. Emerson for students in any program or year of study. (Available 2000/2001 Winter Session)

FRIENDS of the Richmond Archives Prize in Archival Studies-A \$300 prize has been endowed by Friends of the Richmond Archives to a student in the Master of Archival Studies program, with preference given to a student demonstrating an interest in community records. The award is made on the recommendation of the School of Library, Archival and Information Studies. (Available 2000/2001 Winter Session)

GRADUATE Student Travel Award-The Graduate Student Travel Award provides one-time travel support of up to \$400 for Master's and Doctoral students who present a paper or poster at an official conference or symposium (student workshops are excluded). Students are only eligible for travel funding once during a Masters and once during a Doctoral program. (Available 2000/2001 Winter Session)

Agnes Maude HEALEY Bursary-Bursaries totalling \$36,000 have been endowed through a bequest by Agnes Maude Healey for female students enrolled in faculties in which females are under-represented. (\$12,000 available 1999/2000 Winter Session)

Berna Agnes Martin JACKSON Bursary-Bursaries totalling \$9,000 have been endowed through a bequest by Henry William Jackson in memory of his wife and are offered to students in Social Work. (\$2,250 available 1999/2000 Winter Session)

KEEN Engineering Co. Ltd. James N. Keen Memorial Scholarship-A \$1,500 scholarship is offered by Keen Engineering Co. Ltd. in memory of James N. Keen, Founder. The award is offered to an undergraduate student in Mechanical Engineering and is made on the recommendation of the Department. (Available 2000/2001 Winter Session)

Muriel and Robert LEESON Bursary-Bursaries totalling \$1,000 are offered by Muriel and Robert Leeson for undergraduate students entering second year in any program of study. (Available 1999/2000 Winter Session)

Evelyn and Sherwood LETT Scholarship in Law-Entrance scholarships totalling \$4,400 have been endowed through a bequest by Sherwood Lett for students entering Law. The awards are made on the recommendation of the Faculty of Law. (Available 2000/2001 Winter Session)

Egil H. LORNTZSEN Scholarship-Scholarships totalling \$84,000 have been endowed through a bequest by Egil Harold Lorntzsen for students in geological sciences, geophysics, or geological engineering. The awards are made on the recommendation of the Department of Earth and Ocean Sciences, and in the case of graduate students, in consultation with the Faculty of Graduate Studies. (\$36,600 available 1999/2000 Winter Session)

David MAW Scholarship-A \$1,000 scholarship has been endowed through a bequest by David Harrower Maw. The award is offered to an undergraduate student in biological science and is made on the recommendation of the Faculty of Science. (Available 2000/2001 Winter Session)

Cecil and Kathleen MORROW Scholarship-A \$2,350 scholarship has been endowed by Cecil B. Morrow in honour of his parents, Cecil and Kathleen Morrow (BA '29). The award is offered to a graduate student in Fisheries and is made on the recommendation of the Faculty of Graduate Studies. (Available 2000/2001 Winter Session)

Barry C. MUNRO Memorial Scholarship in Educational Psychology-A \$1,200 scholarship has been endowed by the family of Dr. Barry C. Munro for a student doing applied work and research in social behaviour problems in Educational Psychology, with preference to a student studying behavioural learning theory. The award is made on the recommendation of the Department of Counselling and Educational Psychology and Special Education, and in the case of graduate students, in consultation with the Faculty of Graduate Studies. (Available 2000/2001 Winter Session)

Francis E MURRAY Scholarship in Chemical Engineering-A \$1,000 scholarship has been endowed by Dr. Frances E. Murray for a student entering second year Chemical Engineering and is made on the recommendation of the Department of Chemical Engineering. (Available 2000/2001 Winter Session)

NUTRITIONAL Research Fellowship-Fellowships totalling \$16,500 have been endowed for graduate students in Agricultural Sciences pursuing nutritional research. The awards are made on the recommendation of the Faculty of Agricultural Sciences in consultation with the Faculty of Graduate Studies. (Available 2000/2001 Winter Session)

Joan and John PAVELICH Bursary in Medicine-Bursaries totalling \$300 have been endowed by Joan Pavelich in memory of her husband John for students in the M.D. program in the Faculty of Medicine. (Available 2000/2001 Winter Session)

Mark William POWRIE Memorial Scholarship-Scholarships totalling \$3,000 have been endowed by Mary-Elizabeth Murdock, Ph.D., in memory of her nephew Mark William Powrie. The awards are offered to undergraduate students in Music and are made on the recommendation of the School of Music. (Partial value available 1999/2000 Winter Session)

Mae and Douglas RAYMOND Memorial Bursary-Bursaries totalling \$2,400 have been endowed by a nephew in memory of his aunt and uncle and are offered to students in any year and program of study. (\$600 available 1999/2000 Winter Session)

Mae and Douglas RAYMOND Memorial Bursary in Education-Bursaries totalling \$1,800 have been endowed by a nephew in memory of his aunt and uncle and are offered to students in Education. (\$450 available 1999/2000 Winter Session)

Mae and Douglas RAYMOND Memorial Bursary in Music-Bursaries totalling \$1,800 have been endowed by a nephew in memory of his aunt and uncle and are offered to students in Music. (\$450 available 1999/2000 Winter Session)

James F. RICHARDS Prize-A \$200 prize has been endowed to recognize Dr. Richards' commitment to enhancing international education opportunities for students throughout his term as Dean of the Faculty of Agricultural Sciences (1985-97). The award is offered to a UBC student attending a university outside of Canada as an exchange student and is on the recommendation of the Faculty of Agricultural Sciences. (Available 2000/2001 Winter Session)

ST. Mary's Anglican Church First Nations Bursary-Bursaries totalling \$1000 are offered by St. Mary's Anglican Church, Kerrisdale, for aboriginal students in the Faculty of Arts or Science. (Available 2000/2001 Winter Session)

Stan SMITH Memorial Prize in Contract Law-A \$1,000 prize has been endowed in memory of Stan Smith by Pacific Liaison and Associates Inc. and the Vancouver Airport Authority. The award is offered to a student who achieves high academic standing in Contract Law (Law 209) and is made on the recommendation of the Faculty of Law. (Available 2000/2001 Winter Session)

Alice H. SORILA Memorial Scholarship in History-A \$1,200 scholarship has been endowed by Eero Antero Sorila (B.A. History'86) in memory of his mother. The award is offered to a student in History and is made on the recommendation of the Department of History, and in the case of graduate students, in consultation with the Faculty of Graduate Studies. (Available 2000/2001 Winter Session)

Doug SPENCE Memorial Prize in Music-A \$1,000 scholarship has been endowed in memory of Doug Spence by family, friends, and colleagues of the Vancouver Philharmonic Orchestra. The scholarship is offered to an undergraduate student in the brass performance program, with preference given to a student studying French Horn. The award is made on the recommendation of the School of Music. (Available 2000/2001 Winter Session)

SQUAMISH Nation Award-A \$600 award has been endowed by the Squamish Nation Education Department and The University of British Columbia. The award is offered to a Squamish Nation student in any program or year of study who has demonstrated University or Squamish Community activity. The award is made on the recommendation of the First Nations House of Learning and, in the case of graduate students, in consultation with the Faculty of Graduate Studies. (Available 2000/2001 Winter Session)

Hal STRAIGHT Gold Medal and Prize in Journalism-A gold medal and \$500 prize have been endowed by Beverley J. Straight and Robert H. Straight in honour of their father, Hal Straight, who was an editor, managing editor, and publisher for over fifty years. The award is offered to the most outstanding graduate student in Journalism and is made on the recommendation of the School. (Available 1999/2000 Winter Session)

Homer Armstrong THOMPSON Travel Scholarship in Classical Studies-Scholarships totalling \$6,000 have been endowed by Mrs. Doris Baldwin in honour of her brother Dr. Homer Armstrong Thompson. The awards are offered to graduate students in Classical Studies of the Greek and Roman World to assist them in the study of archaeological sites and museums. The awards are made on the recommendation of the Department of Classical Near Eastern, and Religious Studies in consultation with the Faculty of Graduate Studies. (Available 1999/2000 Winter Session)

UNIVERSITY Women's Club of Vancouver Jean Beaty Memorial Bursary-Bursaries totalling \$750 have been endowed by the University Women's Club of Vancouver for mature students in Education. (\$625 available 1999/2000 Winter Session)

VANCOUVER Grizzlies Athletic Award-One or more awards valued at a minimum of \$500 each up to the maximum value allowed under athletic association regulations are offered to students in any year of study, who are outstanding student athletes. The awards are made by nomination of the President's Athletic Awards Committee. (Available 2000/2001 Winter Session)

Mary M. YOUNG Global Citizen Award-A \$27,000 award has been endowed by Mary M. Young and The University of British Columbia. The award is offered to an outstanding international student from Lester B. Pearson College who would otherwise be financially unable to pursue post-secondary education. It is awarded to a student entering an undergraduate program directly from the College. The student is selected based on nominations from the Director of Lester B. Pearson College. In addition to academic merit, consideration is given to qualities such as leadership skills, involvement in student affairs, or commitment to community service. (Available 2000/2001 Winter Session)

W. Maurice YOUNG Award in Commerce-A \$6,000 award has been endowed by from W. Maurice Young's many friends in the Faculty of Commerce. It is awarded to a student in the Faculty of Commerce for financial assistance during the academic year and for a summer internship

providing service to First Nations communities in British Columbia. (Available 2000/2001 Winter Session)

W. Maurice YOUNG Memorial Scholarship in Commerce-A \$2,400 scholarship has been endowed by The University of British Columbia to honour the memory of W. Maurice Young. The award is offered to a student in second, third, or fourth year of the Bachelor of Commerce program, with preference given to First Nations students, and is made on the recommendation of the Faculty of Commerce and Business Administration. (Available 2000/2001 Winter Session)

#### For Information Only

Faculty of AGRICULTURAL Sciences Grant Supplement Award-The award is offered to encourage outstanding students to enroll in graduate studies at UBC and is made to new graduate students holding Natural Sciences and Engineering Research Council (NSERC) Postgraduate Scholarships (PGSA or PGSB), Social Science & Humanities Research Council (SSHRC) Doctoral Fellowships and Medical Research Council Research Awards.

Faculty of APPLIED Science Grant Supplement Award-The award is offered to encourage outstanding students to enroll in graduate studies at UBC and is made to new graduate students holding Natural Sciences and Engineering Research Council (NSERC) Postgraduate Scholarships (PGSA or PGSB), Social Science & Humanities Research Council (SSHRC) Doctoral Fellowships and Medical Research Council Research Awards.

Faculty of ARTS Grant Supplement Award-The award is offered to encourage outstanding students to enroll in graduate studies at UBC and is made to new graduate students holding Natural Sciences and Engineering Research Council (NSERC) Postgraduate Scholarships (PGSA or PGSB), Social Science & Humanities Research Council (SSHRC) Doctoral Fellowships and Medical Research Council Research Awards.

Faculty of COMMERCE and Business Administration Grant Supplement Award-The award is offered to encourage outstanding students to enroll in graduate studies at UBC and is made to new graduate students holding Natural Sciences and Engineering Research Council (NSERC) Postgraduate Scholarships (PGSA or PGSB), Social Science & Humanities Research Council (SSHRC) Doctoral Fellowships and Medical Research Council Research Awards.

Faculty of DENTISTRY Grant Supplement Award-The award is offered to encourage outstanding students to enroll in graduate studies at UBC and is made to new graduate students holding Natural Sciences and Engineering Research Council (NSERC) Postgraduate Scholarships (PGSA or PGSB), Social Science & Humanities Research Council (SSHRC) Doctoral Fellowships and Medical Research Council Research Awards.

Faculty of EDUCATION Grant Supplement Award-The award is offered to encourage outstanding students to enroll in graduate studies at UBC and is made to new graduate students holding Natural Sciences and Engineering Research Council (NSERC) Postgraduate Scholarships (PGSA or PGSB), Social Science & Humanities Research Council (SSHRC) Doctoral Fellowships and Medical Research Council Research Awards.

Faculty of FORESTRY Grant Supplement Award-The award is offered to encourage outstanding students to enroll in graduate studies at UBC and is made to new graduate students

holding Natural Sciences and Engineering Research Council (NSERC) Postgraduate Scholarships (PGSA or PGSB), Social Science & Humanities Research Council (SSHRC) Doctoral Fellowships and Medical Research Council Research Awards.

Faculty of GRADUATE Studies Grant Supplement Award-The award is offered to encourage outstanding students to enroll in graduate studies at UBC and is made to new graduate students holding Natural Sciences and Engineering Research Council (NSERC) Postgraduate Scholarships (PGSA or PGSB), Social Science & Humanities Research Council (SSHRC) Doctoral Fellowships and Medical Research Council Research Awards.

Faculty of LAW Grant Supplement Award-The award is offered to encourage outstanding students to enroll in graduate studies at UBC and is made to new graduate students holding Natural Sciences and Engineering Research Council (NSERC) Postgraduate Scholarships (PGSA or PGSB), Social Science & Humanities Research Council (SSHRC) Doctoral Fellowships and Medical Research Council Research Awards.

Faculty of MEDICINE Grant Supplement Award-The award is offered to encourage outstanding students to enroll in graduate studies at UBC and is made to new graduate students holding Natural Sciences and Engineering Research Council (NSERC) Postgraduate Scholarships (PGSA or PGSB), Social Science & Humanities Research Council (SSHRC) Doctoral Fellowships and Medical Research Council Research Awards.

Faculty of PHARMACEUTICAL Sciences Grant Supplement Award-The award is offered to encourage outstanding students to enroll in graduate studies at UBC and is made to new graduate students holding Natural Sciences and Engineering Research Council (NSERC) Postgraduate Scholarships (PGSA or PGSB), Social Science & Humanities Research Council (SSHRC) Doctoral Fellowships and Medical Research Council Research Awards.

Faculty of SCIENCE Grant Supplement Award-The award is offered to encourage outstanding students to enroll in graduate studies at UBC and is made to new graduate students holding Natural Sciences and Engineering Research Council (NSERC) Postgraduate Scholarships (PGSA or PGSB), Social Science & Humanities Research Council (SSHRC) Doctoral Fellowships and Medical Research Council Research Awards.

*Approved by Senate Committee on Student Awards*

*March 27, 2000*