



THE UNIVERSITY OF BRITISH COLUMBIA

Vancouver Senate Secretariat
Senate and Curriculum Services
Enrolment Services
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VANCOUVER SENATE

MINUTES OF APRIL 16, 1997

Attendance

Present: President D. W. Strangway, (Chair), Vice President Academic D. R. Birch, Dean F. S. Abbott, Dr. P. Adebar, Dr. D. R. Atkins, Dr. J. D. Berger, Dr. G. W. Bluman, Mr. P. T. Brady, Dr. P. C. Burns, Professor P. T. Burns, Dean J. Cairns, Ms. L. Chui, Dr. V. Froese, Dr. J. H. V. Gilbert, Dean M. Goldberg, Dean F. Granot, Mr. H. D. Gray, Dr. A. G. Hannam, Rev. J. Hanrahan, Dr. P. G. Harrison, Dr. M. R. Ito, Ms. E. Lai, Ms. S. Lerchs, Mr. D. K. Leung, Mr. T. P. T. Lo, Mr. R. W. Lowe, Dr. D. J. MacDougall, Dr. M. MacEntee, Dr. P. L. Marshall, Dr. K. May, Dean B. C. McBride, Dr. W. R. McMaster, Mr. S. Mui, Mr. B. Murphy, Mr. V. Pacradouni, Mr. R. L. de Pfyffer, Dr. W. J. Phillips, Professor M. Quayle, Dr. H. B. Richer, Dr. H. J. Rosengarten, Dr. R. W. Schutz, Dean N. Sheehan, Dr. C. E. Slonecker, Ms. N. Sonik, Dr. M. Thompson, Dr. S. Thorne, Dr. B. J. van der Kamp, Mr. D. R. Verma, Dr. D. Ll. Williams, Dr. R. A. Yaworsky, Mr. T. A. Yeung.

Regrets: Chancellor W. L. Sauder, Dean C. S. Binkley, Dr. V. Gomel, Mr. C. L. Gorman, Dr. F. G. Herring, Dr. V. J. Kirkness, Dr. S. B. Knight, Mr. A. Kwong, Ms. G. Lau, Mr. O. C. W. Lau, Dr. M. Levine, Professor P. T. K. Lin, Mr. S. Lohachitranont, Dr. D. M. Lyster, Mr. W. McMichael, Mr. W. B. McNulty, Dean A. Meisen, Dean S. Neuman, Mr. J. Nobbs-Thiessen, Dr. R. J. Patrick, Dean J. F. Richards, Dr. D. P. Rolfsen, Dean C. L. Smith, Mr. A. H. Soroka, Ms. L. M. Sparrow, Dr. J. R. Thompson, Dr. W. Uegama, Dr. J. Vanderstoep, Dr. P. A. Vertinsky, Dr. W. C. Wright Jr., Dean E. H. K. Yen.

Senate membership

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

Mr. Peter Andru - Convocation senator

INTRODUCTION OF STUDENT SENATORS

The Chair welcomed to Senate the following student representatives who have been elected to serve on Senate for one year from April 1, 1997 to March 31, 1998:

Applied Science

Mr. Alan Kwong, Third Year Applied Science

Arts

Mr. Jesse Nobbs-Thiessen, Third Year Arts

Commerce and Business Administration

Mr. Tom Au Yeung, Second Year Commerce & Bus. Admin.

Dentistry

Mr. Sompatana Lohachitranont, Second Year Dentistry

Minutes of the previous meeting

Graduate Studies

Mr. Vighen Pacradouni, Ph.D. Candidate in Physics

Law

Ms. Sarah Lerchs, Second Year Law

Medicine

Ms. Lica Chui, Second Year Medicine

Pharmaceutical Sciences

Mr. Samson Mui, Third Year Pharmaceutical Sciences

Science

Ms. Gloria Lau, Third Year Science

Members-at-large

Mr. Alex Chui, Second Year Pharmaceutical Sciences

Mr. Christopher L. Gorman, Third Year Arts

Ms. Emily Lai, Third Year Pharmaceutical Sciences

Mr. Brian Murphy, Third Year Applied Science

Ms. Neena Sonik, Second Year Commerce and Business Administration

There were no nominations for the Faculties of Agricultural Sciences, Education, or Forestry.

Minutes of the previous meeting

Dr. Berger

Dean Sheehan

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That the minutes of the seventh regular meeting of Senate for the Session 1996-97, having been circulated, be taken as read and adopted.

Carried.

Chair's remarks and related questions

BUDGET ALLOCATION

The President announced that the University had now received the grant information for 1997/98 from the provincial government. He stated that in addition to the freezing of tuition fees, the University faces a reduction of approximately 0.5% in this year's grant. Although proposed increases in tuition fees for international students

were approved, the President stated that the budget for the coming year is still very tight. He said that a number of commitments have to be honoured, that costs continue to rise, and that there are salary settlements to be dealt with, which meant that reallocations will have to be made with respect to the budget. President Strangway noted that the University, once again, is expected to increase enrolment to the levels mandated by the government. The President asked Vice President Birch to comment on this matter.

Vice President Birch reported that the Ministry had expressed concern that in each of the past three years, UBC has consistently fallen short of what the Ministry has regarded as the funded level in terms of undergraduate enrolment. He reminded Senate that last year the University was 4% below what was regarded as the funded level, and that on top of the funded level the University was told that there was a mandated enrolment increase of 4% with no increase in the grant. That meant that the University was expected to increase enrolment by 8% over the previous year. He said that, through heroic efforts, the Faculties increased enrolment by about 6%, so that during the year just completed UBC was slightly more than 2% short of the funded target.

Vice President Birch explained that the Ministry, in delivering a grant this year that is reduced slightly, expects UBC to achieve "efficiencies" that will enable the University to produce a mandated enrolment increase of a further 1%. This means that to meet the Ministry's funded level of enrolment, UBC must increase its undergraduate enrolment by 3.2%, which amounts to between 700 and 800 full time equivalent students. He stated that many of the classrooms built in the sixties were built for moderately sized classes. As a result, the University is very short of classrooms to

accommodate large lecture sections. If you divide these sections, it increases the number of hours faculty teach and the number of sessional lecturers that have to be appointed. He noted that Deans had repeatedly expressed concern about the impact on the quality of undergraduate programs given the mandated enrolment increase.

Vice President Birch stated that the Ministry is attempting to address the increasing demand for university places by mandating enrolment increases within existing resources, instead of with additional grants. He explained that the problem is compounded further by the fact that the Ministry has introduced a complicated formula to penalize institutions for "under-producing", which means that UBC will have a further loss in its grant of \$250,000 in the coming year, which is beyond the reduction the Ministry is already making. He said that, in addition, the Ministry has asked for a more detailed plan on how UBC is going to deal with enrolment in the coming year, and are withholding a further \$2 million of the grant pending review of a realistic enrolment plan. This is to be restored to the base when a plan has been mutually agreed upon. Vice President Birch said that a detailed enrolment plan is ultimately potentially much more troublesome than just a global figure for undergraduate enrolment. He explained that the demands of the Ministry had resulted in delays in Faculties getting their specific enrolment targets to the Senate Admissions Committee and Senate, but expected that enrolment figures for 1997/98 would be presented at the May meeting of Senate for ratification.

Dr. Harrison, chair of the Senate Admissions Committee, expressed concern about the process and the timeliness of it. He stated that the admissions staff in the Registrar's office are already considering applications for admission and were having to make decisions without knowing what the quotas are. He also expressed concern at the

number of changes being brought to Senate and the effect that the increase has on the quality of the programs offered. He said that the committee wondered when the University was going to say enough is enough, we are taking too many students.

*Mr. Brady,
Dr. Yaworsky:*

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That the Senate advise the Government of British Columbia that the University is unable to increase the present student enrolment until such time as increased funding is available and the necessary infrastructure is in place.

In speaking to the motion, Mr. Brady said that Senate should be concerned about the quality of education being offered and that it should be made clear to the government that the University cannot accept any more students until increased funding is made available.

Dean McBride spoke in support of the sentiments of the motion in relation to the way in which universities are funded, but was concerned about whether this was the most productive way to proceed politically. He stated that he believed that it was time Senate made it known to the government that their claim that they are not cutting resources to universities is patently false, and that they are in fact compromising the education of students at this university through their policies of forced enrolment increases without an increase in funding that recognizes real costs..

Dean McBride noted that in the budget letter it stated that the universities should meet the additional costs of increased enrolment by increases in productivity and efficiency. He informed Senate that, in the Faculty of Science undergraduate enrolment has increased 33% over the last ten years, while numbers of faculty and staff have decreased and dollars, in constant dollar terms, have decreased. He suggested that this

was an efficiency increase somewhere around 50%. He noted an increase in quality reflected in entry requirements. Ten years ago a student needed a 65% average to get into the Faculty of Science, but now an 83% average was required, and that this would probably increase to an 85% average this year. Increased quality was also reflected in the drop in failure rates from 18% in 1986 to 2.7% last year. He stated that these were productivity and efficiency increases. In 1995/96, 44% more students graduated than in 1986, and this will increase to 50% more students this year. Dean McBride said that he did not know of any areas in government or industry that could show those kinds of efficiency improvements, and with reduced resources.

Dean McBride went on to comment on the impact of enrolment increases on the quality of undergraduate education. He was very concerned about the issue of large class sizes, as well as, in the case of the Faculty of Science, decreasing numbers of laboratories, the quality of equipment that is getting old, outdated and cannot be replaced, laboratory exercises that cannot be improved because of lack of resources, and a greater and greater reliance on sessional and part-time people to do the teaching. This was occurring at a time when the University has recognized the need to improve undergraduate education and is improving the quality of education by looking at what the student requires when he or she goes out into the world. To meet those objectives would require faculty working with smaller groups of students. Instead, there will be larger classes which will necessitate using multiple choice examinations when we are trying to use mechanisms that develop problem solving skills. Dean McBride asked how it would be possible to improve communication skills when third and fourth year classes have two, three and four hundred students in them.

Dean McBride also drew Senate's attention to the area of research and scholarly activity, stating that for every negative effect on undergraduate and graduate education there is a corresponding negative effect on UBC's ability to be competitive in the research field. He said that the University has a responsibility to the country and the province to conduct high level research, but it cannot meet this mandate and be competitive if it is forced to deal with more and more students with fewer and fewer resources. There is less time for research and fewer resources to support research. He said the result will be that research activities will decline, and that outstanding new people cannot be recruited into that kind of environment. He stated that this was a very serious time for the University, and that Senate had to go on record as opposing forced enrolment increases and must make people aware of the implications for research and teaching.

In amendment:

Mr. Gray,
Dr. Berger

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*That the following be added to the motion:
"and that Dean McBride deliver the message
on behalf of the Senate".*

Carried.

The motion, as amended, was
carried unanimously.

From the Board of Governors

NOTIFICATION OF APPROVAL IN PRINCIPLE OF SENATE RECOMMENDATIONS

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

- i. Awards (pp.11626, 11634-5)
- ii. Disestablishment of the Departments of Clinical Dental Sciences, Oral Biology, and Oral Medical and Surgical Sciences, and the establishment of the Departments of Oral Biological and Medical Sciences and a Department of Oral Health Sciences. (p.11627)
- iii. Establishment of a Centre for Feminist Legal Studies in the Faculty of Law (p.11627-8)

Reports of Committees of Senate

ACADEMIC BUILDING NEEDS

Professor Quayle, chair of the committee, presented the following report, which had been circulated:

This report summarizes progress with the 1995-1996 recommendations to Senate and outlines new recommendations for 1997.

The major responsibilities of the Senate Academic Building Needs Committee (SABN) are to:

- 1) monitor the implementation of the Campus Plan;
- 2) annually review all building project priorities;
- 3) recommend priorities on new academic buildings with consideration for the needs of academic and non-academic buildings, balance of types of teaching spaces and relationship to physical plant and planning; and
- 4) review the impact of every development, whether building or landscape, on the total teaching and academic resource.

NOTE: Members of SABN are also members of the President's Property and Planning Advisory Committee (PPPAC).

Recommendation A: (1995)

That the President commit the University to an open planning process which will build trust within the university community and with our neighbours. This process should embody the principles of academic priority and ecological and environmentally responsible infrastructure. Most importantly, the process must include the articulation of a clear vision for the campus community as a whole.

1997 Comment on progress:

It is the opinion of the Senate Academic Building Needs Committee members that while specific efforts to involve the university community in the planning process have been made in this past year, there are still substantial issues with our internal consultative process as well as with involvement of neighbouring communities in planning issues which affect them. For example, the typical information meeting promotes a relatively low level of true participation; an open and accountable consultative process is generally more time consuming, but also more effective in the long-run.

Recommendation B: (1995)

That the President articulate the process by which both general building and academic building priorities should be reviewed, considering academic, community and infrastructure objectives, and funding opportunities. The SABN should play an active role in that process, specific to their mandate from Senate.

1997 Comment on progress:

While it should be noted that a number of construction projects are still fulfilling priorities approved by SABN in the late 70s and early 80s, SABN continues to be critical of our current lack of process for the review of academic building priorities; our input in the past has been "too little, too late" and sometimes the academic aspects of a particular project have been less significant than other influences. However, the Integrated Faculty Master Plan study has been progressing and a

draft report is expected in late April. This study has been undertaken by a consultant with a sub-committee PPPAC, including members of SABN, co-chaired by the chair of SABN. The report includes a summary of Faculty master plans (with the exception of Health Sciences) organized around various rationale such as building condition, space shortfalls, operations and utilization improvements and safety issues. The committee is looking at various impact scenarios by which decisions can be made on academic building priorities across campus such as available permanent space, consequential moves, interdisciplinary opportunities and temporary facility replacement. It is hoped that this integrated plan will provide the campus community with a resource and context within which to make overall planning decisions. SABN can then take the opportunity to be actively involved in setting academic building priorities.

Recommendation C: (1995)

That the President develop a strategy for:

- a) the funding of essential Campus infrastructure such as power plants and other "hidden systems" with a view towards an environmentally responsible approach to providing energy to the Campus;
- b) the funding of continued operations and maintenance of the campus building and landscape inventory; and
- c) the funding of the campus "public realm" -- the framework for the experience of the campus for pedestrians and cyclists.

1997 Comment on progress:

The UBC Infrastructure Plan responds to parts (a) and (b) of this recommendation. Strategies for attention to the public realm remain unclear. SABN still would appreciate assistance from Campus Planning and Development in the preparation of a "check-list" for use in reviewing developments in terms of their academic and campus-wide planning criteria to help us fulfil our mandate.

Recommendation: (1996)

That the President request:

- a) a review of the implementation of the Campus Master Plan to date; and,
- b) a strategy to provide more checks and balances within the building approval process in the area of design and planning, such as a UBC Design Panel.

1997 Comment on progress:

Although SABN, as part of PPPAC receives a fall update on the extent to which the various strategies in the campus master plan have been addressed during the preceding year, SABN continues to be concerned about the quality of the campus, both its buildings and public spaces. We think that it is critical to review how the Campus Master Plan is being implemented. We also feel the need for more checks and balances in the design-planning process. PPPAC (of which SABN is a part) is not a design review group. It is perhaps timely to institute a professional design review process for the Campus which would include participation by architects, engineers, planners and landscape architects. Such a review process would include buildings and the public realm of the campus, as well as construction concerns such as tree preservation guidelines and effective monitoring of construction activities.

In terms of new recommendations, the Senate Academic Building Needs Committee proposes the following:

1997 Recommendation 1:

- a) That the President review the governing board's policy on public consultation and subsequently publish the revised policy in the policy handbook. This policy should outline a comprehensive public process for the campus community, particularly for decisions surrounding campus planning and academic building needs, with the following attributes:
 - (1) clarity: clearly stated objectives and articulated budget including ongoing operating costs of new buildings;
 - (2) transparency: process open to public review and comment, towards building trust and ownership in the communities of interest - both external and internal;
 - (3) good communication and information: awareness of process and ways to participate;
 - (4) flexibility: variety of ways and times to participate;
 - (5) validating: emotional and rational reactions valid; and
 - (6) accountability: results of process truly valued, and
- b) In light of this new process, that the President review the current methods of making planning and development decisions and determine an appropriate, revised process in which the Senate Academic Building Needs Committee undertakes the role of reviewing new and ongoing academic building priorities.

1997 Recommendation 2:

- a) That the President re-affirm the university's commitment to the provision of high quality classrooms and teaching space; and
- b) That the President ensure that members of the university community are fully informed about the classroom master plan and the implementation strategy being used to enhance the quality of classrooms and teaching space. This should include special emphasis on policies that involve classroom stewardship by faculties across the campus.

Professor Quayle spoke briefly to the report, highlighting various items.

Prof. Quayle
Dr. Richer

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That Recommendation 1 be approved.

Carried.

Prof. Quayle
Prof. Burns

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That Recommendation 2 be approved.

Carried.

ADMISSIONS COMMITTEE

Camosun Bridging Program

Dr. Harrison, chair of the committee, presented the report. The committee recommended approval of the following Calendar entry for the Camosun Bridging Program:

Students with two year diplomas in Civil or Mining Technology will be admitted to third year of the B.A.Sc. program in Civil Engineering or Mining and Mineral Process Engineering upon successful completion of the Engineering Bridging program offered by Camosun College. Applications for entry into this bridging program are considered on an individual basis and approval for admission must be obtained from both the UBC Faculty of Applied Science and Camosun College before registering in any of the bridging courses. Students may be required to take additional first or second year UBC courses to make up deficiencies. Mature applicants may be admitted into the Bridging Program notwithstanding the fact they might not meet the normal admission requirements if, in the judgement of the Faculty of Applied Science and Camosun College, equivalent experience has been obtained.

<i>Dr. Harrison</i>	}	<i>That the proposed Calendar entry for the Camosun Bridging Program be approved.</i>
<i>Dr. Berger</i>		

Carried.

CURRICULUM COMMITTEE

See 'Appendix A: Course and curriculum proposals'

Dr. Berger, chair of the committee, presented the report.

Faculty of Applied Science

The committee recommended approval of curriculum proposals from the Faculty of Applied Science, subject to the following:

CIVL 321 shorter description recommended.
MECH 473 delete from description the words "including...software" and the word "analysis".
MMAT 455 delete from description the words "Aspects...including".

Faculty of Arts

The committee recommended approval of curriculum proposals from the Faculty of Arts, subject to the following:

CDST 350 add hours: or (3-0-0; 3-0-0)

Change hours in all ECON courses from (3-0) to (3-0-0) or from (3-0; 3-0) to (3-0-0; 3-0-0)

- ECON 207 delete from the description the words "or their equivalent; or permission of the Department.", and the words "may be obtained".
- ECON 307 delete from the description the words "or permission of the Department."
- ECON 437 delete from the description the words "or permission of the instructor."
- ECON 447 delete from the description to the words "Theoretical analysis of economies that use money".
- ECON 460 change last sentence to read: "Credit for only one of ECON 360 and 460."
- ECON 461 change last sentence to read: "Credit for only one of ECON 361 and 461."

Insert the following words, in bold, in the description of the English Honours Program:

- a) at least one ENGL course
- b) at least one ENGL course
- c) at least 3 credits of language or rhetoric from among: ENGL 306...

- MUSC 104 delete from the description the words "or permission of the instructor.", and change the hours to read: (3-0-0).

In all cases, change prerequisite(s) to read prerequisite.

Dr. Berger drew Senate's attention to three new certificate programs in Theatre, Design and Technology, explaining that these are 60 credit non-degree technical programs. He stated that these are very intensive and carefully structured programs, which the committee strongly endorsed.

Faculty of Education

The committee recommended approval of curriculum proposals from the Faculty of Education.

Faculty of Forestry

The committee recommended approval of curriculum proposals from the Faculty of Forestry.

Faculty of Graduate Studies

The committee recommended approval of curriculum proposals from the Faculty of Graduate Studies, subject to the deletion of course descriptions.

Faculty of Science

The committee recommended approval of curriculum proposals from the Faculty of Science, including a new Co-operative Education Program in Pharmacology and Therapeutics.

<i>Dr. Berger</i>	}	<i>That the proposals of the Faculties of Applied Science, Arts, Education, Forestry, Graduate Studies, and Science, be approved.</i>
<i>Dr. Burns</i>		

Dr. Bluman questioned the use of the term "highly able learners" in the titles of EPSE 303 and 408. Dean Sheehan responded that, as stated in the rationale, the term reflects current terminology and approaches to teaching.

The motion was
put and carried.

LIBRARY COMMITTEE

Dr. Gilbert, chair of the committee, presented the following report which had been circulated for information:

The Senate Library Committee met a total of seven times this year, four times in Term 1, and three times in Term 2. We reviewed the major activities of the Committee this past year.

The Master Space Plan for the Library was presented to the Committee at its September meeting and its recommendations were discussed. Numerous implications derived from this report are discussed below.

In October we considered the levels of cataloguing reports from the library, and in November discussed document delivery and the findings of the Interlibrary

Loan Task Group. It is clear that Interlibrary Loans are of considerable interest and concern to faculty and students, at a time when, for example, our serials collection is being restricted and we become dependent on other libraries to fill this gap. Although at present UBC sends out more material to borrowers than it receives, the SLC cautions that the Interlibrary Loan system will need to be closely monitored.

Because currency fluctuations play such a major role in the budget of the library, and therefore closely affect the ordering and processing of library materials, in December we received and discussed a report from the Order and Payment Processing Task Group on the library's initiatives in this regard. A monthly report on serials keeps us apprised of how these fluctuations are having an impact on our ordering policy.

A major report from AUCC/CARL in the early part of this year formed the basis for our discussions in January. Every member of faculty has received a copy of this report which spells out the major implications for library users as we move to a more electronically based library. The many considerable issues discussed in this report, and the recommendations appended, will require the ongoing attention of not only the SLC, but the university community at large. The major issue of copyright will have profound ongoing effects on the way in which scholars sell and use their works. A subcommittee of the SLC has considered the recommendations of the AUCC/CARL report and presented suggestions as to how the SLC might proceed in addressing the recommendations, at the February meeting. In April we were introduced to the new DRA system, which the library is in process of implementing, and which will be on your desktops in a very short time.

It was with great pleasure that the SLC participated in the opening of Koerner in March, an opening preceded by an enormous amount of careful planning by all library staff, and of course, the movement of a library of books during our worst snow storms in December - a move the SLC viewed comfortably from afar.

It is clear that the University must now turn its attention to a careful review and analysis of the recommendations contained in the Library Master Space Plan, for despite the ever increasing amount of electronic materials, our collection will continue to grow in the foreseeable future and considerable imagination and effort will need to be expended to ensure that it is housed and maintained in appropriate environments. The SLC therefore brings to the attention of Senate, strategies which should be considered, and implemented as expeditiously as possible, and which it strongly endorses.

Plans to decommission Main Library should begin as soon as possible - if occupied in an earthquake, it will be an unthinkable hazard. Certainly the current materials remaining in Main should be re-distributed to reduce the floor load.

As many predecessor Senate Library Committees have pointed out to Senate, the card catalogue needs to be moved from the concourse of Main, the rare Fine

Arts collection should be moved from under the sewer pipes in Main to a safer locale, an urgent effort needs to be made to create more student social study space in Main, and the units currently in Main should be redistributed within the building to make the space more useable for users and staff.

As is apparent, the move to Koerner did not give the library more space, it essentially made Main a somewhat safer building. The Library continues to suffer a severe lack of space. It is therefore apparent that a Library Research Material Centre, which recognizes the extreme usefulness of stored materials for scholarship and the importance of preserving such materials appropriately, and allowing easy user access, should be planned as quickly as possible. At the same time, compact shelving should be provided annually in the Law, Woodward and Asian libraries, and the Library Processing Centre.

The Science and Engineering Library is already at capacity and it is clear that new facilities will need to be found in the near future. It has been recommended that this collection move to the Library Processing Centre and be linked with the Woodward Life Sciences Library.

The Master Space Plan makes it clear that planning for Phase II of the Koerner library should begin almost immediately. Given that planning for Koerner began initially in 1980, it would seem appropriate that the university approach this important task with more urgency than that associated with moving a graveyard.

Finally, this has been Dr. Ruth Patrick's final year as University Librarian. On behalf of the SLC I thank her for the enormous effort and energy she has expended to ensure that the committee be informed in a timely fashion about all aspects of the Library's efforts which ensure that its users have access to information and services which are indeed, second to none.

In speaking to the report, Dr. Gilbert made the following comments. It is apparent that the move to Koerner did not give the library more space, it essentially made Main a somewhat safer building. Space continues to be a major concern for the Library. It is therefore apparent that a Library Research Material Centre, which recognizes the extreme usefulness of stored materials for scholarship and the importance of preserving such materials appropriately, and allowing easy user access, should be planned as quickly as possible. At the same time, compact shelving should be provided annually in the Law, Woodward and Asian libraries, and the Library Processing Centre.

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STUDENT AWARDS

See "APPENDIX B: Awards recommended to Senate"

Dr. Bluman, chair of the committee, presented the report.

Dr. Bluman
Dr. Richer

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

Carried.

Faculty of Graduate Studies

PROPOSAL TO ELIMINATE 12 HOUR REGULATION, AND PROPOSAL FOR MODIFICATION TO LEAVE OF ABSENCE POLICY

It was noted in the material circulated that the current policy states that a full-time graduate student "may not commit more than 12 hours a week to employment,

including teaching assistant or academic assistant duties". In an effort to provide flexibility in doctoral programs, the Faculty proposed that the policy be changed to read: "All graduate students are registered as full-time students with the exception of Master's students enrolled in a part-time program. Departments may articulate specific limitations regarding concurrent paid employment as consistent with participation in full-time study.

PROPOSAL FOR MODIFICATION TO LEAVE OF ABSENCE POLICY

It was noted in the material circulated that from time to time, students seek leave from one program to take a second program that is consistent with their overall academic plans. The University records system does not permit concurrent enrolment in UBC programs in some circumstances. The proposed modification to the leave of absence policy makes explicit a policy that is currently implicit, rendering it fair and clear to students and faculty. Further, it would permit the Faculty of Graduate Studies to monitor the appropriateness of concurrent enrolment in programs.

Dean Granot
Dean Goldberg

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All graduate students are registered as full-time students with the exception of Master's students enrolled in a part-time program. Departments may articulate specific limitations regarding concurrent paid employment as consistent with participation in full-time study.

That, following academic consultation, graduate students may apply for leave of absence from one program to pursue a second program. The student would be responsible for leave of absence fees as well as tuition fees for the second program. Eligibility for the first program would be extended by the span of time on the leave of absence.

Carried.

Report of the Task Force to Examine the Administrative Organization of Studies in Human Health at UBC

Dr. Gilbert presented the report of the Task Force to Examine the Administrative Organization of Studies in Human Health at UBC, which had been circulated.

Dr. Gilbert
Dr. May

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That the Vice-President Academic and Provost, through the Office of the Coordinator of Health Sciences and the Health Sciences Coordinating Committee, establish a Health Programs Council which will report through the Health Sciences Coordinating Committee to the Coordinator of Health Sciences; the Health Programs Council should consist of elected representatives of each program represented on the Health Sciences Coordinating Committee, and

That the Health Sciences Coordinating Committee establish the composition, duties and procedures of the Health Programs Council.

In speaking to the motion, Dr. Gilbert explained that in May 1995, the Senate Ad Hoc Committee on University Organization presented its Third Report to Senate entitled: "The Process of Institutional Reform". For the previous two years, the Ad Hoc Committee had been discussing various aspects of University organizations including the administrative organization of studies in human health. It had reached the conclusion that the issues associated with studies in human health at UBC were too large to be considered within the time frame established for the completion of its work and made a recommendation to the Vice President, Academic and Provost which resulted in the establishment of the Task Force to Examine the Administrative Organization of Studies in Human Health.

The TF was convened in December 1995, and finished its deliberations in January 1997. The membership of the TF is given on page (i) of the Report, and its Terms of Reference are outlined on page 4.

The TF solicited input by mail and advertisement from both the local community, and institutions elsewhere in Canada and the United States. We read review documents on all member programmes of the Health Sciences Coordinating Committee, shown in Appendix 8.1 - 1 of the report. We surveyed a vast amount of literature both on the academic organization of health programmes, and the organization of changing health delivery systems in Canada and the US. We have attempted to view the academic organization of health programmes in the light of the changing health care delivery system.

In addressing the terms of reference of the TF, we paid close attention to the academic structure of the health programmes and their performance as measured through teaching, research and community service. It is clear from the data we examined that, by and large, the various "health" related programmes at UBC are delivering high quality professional education, performing world class research, and in many instances are engaged in outstanding public service, through professional linkages locally, nationally and internationally. The Task Force agreed that it would be difficult to imagine how these characteristics would be significantly improved by some re-engineering of the present structures.

It is true that there are local concerns about the placement of some of the programmes - the School of Nursing in the Faculty of Applied Science is the most striking example, but the place of Family and Nutritional Sciences in Agriculture and Human Kinetics in Education is also debatable. Our survey of the organization of health programmes at other universities, however, gave no clear indication that one kind of organization was better than another, in delivering appropriate professional education and maintaining high academic standards. The TF deliberated at length, the desirability of a Faculty of Health Sciences when such a faculty would NOT include medicine, dentistry and pharmaceutical sciences. The Task Force concluded that such a faculty (first proposed at this university in 1967) was

not a useful option at this time. We reached this conclusion after agreeing that the structure of existing Schools and Departments is probably not entirely felicitous and that future changes should probably more clearly match changes occurring in the field of health care. Within the context of discussions about a new faculty or faculties, the TF engaged in considerable and lengthy debate about faculty status for the School of Nursing. Although there was considerable opinion that such status should be granted, the TF was unable to reach consensus.

The Office of the Coordinator of Health Sciences, established in 1969 on the recommendation of the Curtis Report, was also reviewed and the TF agreed that this office now has the potential to develop the interprofessional and interdisciplinary leadership in keeping with changes taking place in the health care system. In the emerging health care system the health care team (long envisaged as the most effective mechanism for delivering care) has quickly become a reality with the abolition of institutional disciplinary boundaries. It was clear to the TF that the development of a full interdisciplinary potential in the health programmes at UBC is urgently in need of a forum, outside of faculty structures, in which cross-disciplinary discussions can take place at a remove from resource allocation. Some examples of what we mean by this. At the present time, various health programmes are cooperating in the development of interprofessional courses, one which focuses on HIV/AIDS, another which focuses on adolescence, and a short course which will allow students in their penultimate year of professional training to work together as teams on clearly identified clinical issues. With the First Nations Health Careers programme, we hope to develop an interprofessional curriculum which will address specific issues in First Nations Health whilst at the same time working on programmes to increase the number of First Nations students in all the health programmes.

Such initiatives (and others like it) take good will and organization which cross faculty lines. At present, the forum for initiating such programmes is the Health Sciences Coordinating Committee, and associated Standing Committees. The TF, in looking at the closest Canadian analogues to UBC's health programmes, (the UofA and the UofT) recommends that the Health Sciences Coordinating Committee should be strengthened by developing an advisory Council whose task would be to serve as a facilitative (not executive) body for increased interprofessional and interdisciplinary initiatives across the health programmes. Such initiatives might include, for example, recommendations to faculties about curricular adjustments to reflect interprofessional and interdisciplinary work, deliberations on an integrated approach to the use of community facilities for professional training, and interactions with government on cooperative approaches to health care delivery. It is clearly recognized by the Task Force that the only authority which such a body might possess would be that of persuasion.

The TF has carefully considered whether the organization of existing units into some larger one might be of any significant benefit and concludes, on the basis of data from many other institutions that administrative reorganizing does not appear to have significant academic benefits which might warrant any major reorganization at this time.

Any future reorganization will need to address the fundamental problems confronting society in health delivery - that is, the urgent need to provide imaginative, interdisciplinary, interprofessional opportunities in educating future health professionals to work as team members in a large variety of health care settings. We suggest that this CAN be done if we begin the very difficult task of conceptualizing what the education of students to work in such teams might embrace.

The Task Force strongly suggests that a Health Programmes Council would provide the appropriate forum in which to "get things straight before trying to get them right", and therefore makes the unanimous recommendation, placed before Senate.

In closing, Dr. Gilbert expressed thanks and appreciation to all members of the Task Force.

In response to a query by Mr. Gray, Dr. Gilbert said that mechanisms would be put in place to evaluate the effectiveness of the mechanism.

Professor Quayle asked if there was a precedent for such a council in other universities. Dr. Gilbert responded that the University of Toronto and the University of Alberta had followed UBC in establishing a co-ordinating committee, and that the University of Toronto was in the process of considering what our task force is proposing. He also noted that the University of Alberta has a Health Sciences Co-ordinating Committee and was seriously deliberating the prospect of a council.

In response to a query by Dean McBride, Dr. Gilbert said that the perceived efficiencies would be ones which would result in not having to run around to every Faculty in order to ask a committee in that Faculty to work on a specific problem to do with interprofessional and interdisciplinary questions.

In amendment:

<i>Dean McBride</i>	}	<i>That the operation of the effectiveness of this council be reviewed in five years.</i>
<i>Dean Sheehan</i>		

In response to a query by Dean Cairns, Dr. Gilbert explained that the establishment of the council will allow for discussion of issues for which there is no mechanism at the present time.

The amendment was
put and carried.

Other business

Dr. May spoke in support of the proposal, stating that it was frustrating that the Health Sciences Co-ordinating Committee was the only venue available for discussion of substantive matters. She said that faculty need to participate more fully in matters that affect the health sciences program, and she felt that the proposed council would be the place to start.

After further discussion, the motion
was put and carried.

Other business

SENATE NOMINATING COMMITTEE MEMBERSHIP

In accordance with regulation 4.1.6 of the Rules and Procedures of the Senate, two student vacancies on the Nominating Committee were declared. A call for nominations will be sent to all members of Senate, and nominations will remain open until the May 21, 1997 Senate meeting. If more than two nominations are received an election will be held.

Report of the Tributes Committee (in camera)

EMERITUS STATUS

Dean McBride, chair of the committee, presented the report. The committee recommended that the former Chancellor, Dr. Robert H. Lee, be offered emeritus status.

Dean McBride
Dr. Slonecker

}

*That Dr. Robert H. Lee be offered the status
of Chancellor emeritus.*

Carried.

Adjournment

The meeting adjourned at 9:15 p.m.

Next meeting

The next regular meeting of Senate will be held on Wednesday, May 21, 1997.

Appendix A

COURSE AND CURRICULUM PROPOSALS

Faculty of Applied Science

CHEMICAL ENGINEERING

Program change - Second Year Biotechnology (Option 3). Change BIOE 250 (3) to BIOL 120 (3).

CIVIL ENGINEERING

Changes CIVL 210, 311 - change in credits from (3) to (4)
 CIVL 321 - add corequisite: APSC 201
 CIVL 407 - change title and delete prerequisite CIVL 205

MECHANICAL ENGINEERING

Changes MECH 201, 202 - change in hours
 MECH 473 - change in description, hours, and credits from (2) to (3)

METALS AND MATERIALS ENGINEERING

New course MMAT 455 (3) Economic Aspects of Metals and Materials Engineering

Program change - Fourth Year. Change MMPE 396 (3) to MMAT 455 (3)

MINING AND MINERAL PROCESS ENGINEERING

New courses MMPE 410 (3) Surface Mining and Design
 MMPE 480 (2) Mine Waste Management

Faculty of Arts

CANADIAN STUDIES

New course CDST 350 (3/6)d Canadian Cultural Studies

Changes add to program description: In their third year they will enrol in CDST 350
 CDST 450 - add prerequisite: CDST 350

CLASSICAL, NEAR EASTERN & RELIGIOUS STUDIES

Change in program description - addition of Latin or Greek 200 to form part of the Major or Honours programs

ECONOMICS

Program change: under Minor delete first sentence of second paragraph in Calendar entry and add: Economics 308 and 309 cannot be included in the requirement of 18 credits in courses numbered 300 or above. Economic courses...

Appendix A

Faculty of Education

LANGUAGE EDUCATION

New course MLED 319 (2) Curriculum and Instruction in Punjabi: Secondary

CURRICULUM STUDIES

New courses MUED 402 (3) Conducting and Rehearsal Techniques for Teachers
PETE 480 (3) Advanced Methodology in Outdoor Environmental
Education
ARTE 406 (3) Photographic Practices for the Classroom

COUNSELLING PSYCHOLOGY

New course CNPS 312 (3) Career Education for Teachers

EDITORIAL CHANGES

Curriculum Studies MAED 471 - change title and description
MAED 485 - change description

Teacher Education EDUC 140, 240, 342, 345 - change title and description
EDUC 141, 244 - change description

Educational Psychology and Special Education EPSE 303, 408 - change title and
description

Educational Studies ADED 327, 412 - change title and description
ADED 328 - change description

Faculty of Forestry

Change FRST 451 - length of field work class reduced from 18 to 12 days
and credit value reduced from 6 to 3 credits

Faculty of Graduate Studies

CLINICAL DENTAL SCIENCES

Changes CDSC 513 - course offered for all three years of the graduate
program so add course numbers CDSC 523 and 533
CDSC 514 - course offered for all three years of the graduate
program so add course numbers CDSC 524 and 534

Appendix A

FORESTRY

- New course FRST 551 (3) Forestry in British Columbia
- Changes FRST 571, 577, 579, 582, 586, 587 - changed from Directed Studies to regular lecture course
FRST 584 - change hours

GEOGRAPHY

- Change GEOG 500, 520 - change description

REHABILITATION SCIENCES

- Change RHSC 506 - change in credit from (3) to (3/6)c

Faculty of Science

BIOLOGY

- Change BIOL 327 - change description

MATHEMATICS

- New courses MATH 405 (3) Numerical Methods for Differential Equations
MATH 414 (3) Mathematical Demonstrations
- Change Add MATH 443 to Honours program courses

PHARMACOLOGY AND THERAPEUTICS

- New Five-Year B.Sc. Co-operative Education Program
- New courses PCTH 398 (3) Cooperative Work Placement I
PCTH 399 (3) Cooperative Work Placement II
PCTH 498 (3) Cooperative Work Placement III
PCTH 499 (3) Cooperative Work Placement IV

Appendix B

AWARDS RECOMMENDED TO SENATE

Avie BENNETT Prize in Canadian Literature-A \$500 prize has been endowed by The Bennett Family Foundation to commemorate the ninetieth anniversary of McClelland & Stewart, The Canadian Publishers. The award is offered for the best undergraduate essay on Canadian Literature submitted for a course in the Department of English and is made on the recommendation of that department. (Available 97 Winter Session)

Alice Diane BRAY Memorial Bursary in Nursing-Bursaries totalling \$500 has been endowed through a bequest by Phyllis Lucille Redford in memory of her daughter Alice Diane Bray and are offered to students in Nursing. (Available 97 Winter Session)

Alice Diane BRAY Memorial Scholarship in Nursing-A \$2,500 scholarship has been endowed through a bequest by Phyllis Lucille Redford in memory of her daughter Alice Diane Bray. The award is offered to a student in Nursing and is made on the recommendation of the School and in the case of graduate students, in consultation with the Faculty of Graduate Studies. (Available 97 Winter Session)

Hon. Thomas A. DOHM QC Prize in Immigration Law-Prizes totalling \$600, the gift of the Honourable Thomas A. Dohm B.A. Q.C. LL.D., are offered to students in Immigration Law (LAW 377). The award is made on the recommendation of the Faculty of Law. (Available 96 Winter Session)

EDUCATION Abroad Award-Awards totalling \$18,000 have been endowed by alumni, friends and the University of British Columbia for students in Education Abroad programs. The awards are made on the recommendation of the Education Abroad Program Advisory Committee, in consultation with the Director of the Office of Awards and Financial Aid. (Available 97 Winter Session)

Victor HERTZMAN Memorial Prize in Cardiology-A \$600 prize has been endowed in memory of Victor Hertzman by his family. The award is offered to a student in the M.D. program who has demonstrated interest and achievement in Cardiology. The award is made on the recommendation of the Division of Cardiology in the Faculty of Medicine. (Available 96 Winter Session)

Richard David HUGHES Scholarship in Library Sciences-A \$2,400 scholarship has been endowed through a bequest by Richard David Hughes for a student entering the first year of the Master of Library and Information Studies program. The award is offered on the basis of academic achievement and leadership and is made on the recommendation of the School of Library, Archival and Information Studies, in consultation with the Faculty of Graduate Studies. (Available 97 Winter Session)

Roland W. LAUENER Scholarship-a \$1,000 scholarship has been endowed by friends, family and colleagues in memory of Roland W. Lauener. It is awarded to a student completing third year Medicine based on academic performance in Internal Medicine and excellent communication skills. The award is made on the recommendation of the Faculty of Medicine. (Available 97 Winter Session)

Evelyn LETT Childcare Bursary-Bursaries totalling \$30,000 have been endowed by students and the University of British Columbia in honour of Mrs. Evelyn Lett, a founding member of the Alma Mater Society. The award is offered to students with children in licensed childcare. (\$10,000 Available 97 Winter Session)

Appendix B

Margaret and Peter LUKASEVICH Memorial Prize in Early Childhood Education-A \$400 prize has been endowed in memory of Margaret and Peter Lukasevich by their daughter, Dr. Ann Lukasevich. It is awarded to a student in the graduate program in Early Childhood Education and is made on the recommendation of the Faculty of Education, in consultation with the Faculty of Graduate Studies. (Available 96 Winter Session)

Kam Li MA Scholarship in Pharmaceutical Science-A \$6,000 scholarship has been endowed by the Ma family in honour of Mr. Kam Li Ma. It is awarded to a graduate student in the Faculty of Pharmaceutical Sciences who is interested in the study and research of the traditional use of herbal and animal medicines based on the traditions of a particular society . The award is made on the recommendation of the Faculty of Pharmaceutical Sciences, in consultation with the Faculty of Graduate Studies. (Available 97 Winter Session)

Ruth Elizabeth MACCARTHY Bursary in Social Work-Bursaries totalling \$600 have been endowed by Dr. Hubert MacCarthy in honour of Ruth Elizabeth MacCarthy and are offered to students in the School of Social Work. (Available 97 Winter Session)

William ROBBINS Memorial Prize in British Literature-A \$300 prize is offered by friends, family and colleagues in memory of Dr. William Robbins, professor emeritus of the English Department (1944-1975), and a Fellow of the Royal Society of Canada. The prize is awarded to a student in Nineteenth-Century British Literature and is made on the recommendation of the Department of English. (Available 96 Winter Session)

Alfred and Joan SCOW First Nations Bursary-Bursaries totalling \$600 have been endowed by Judge Alfred and Joan Scow and The University of British Columbia for First Nations students in any year and program of study. (Available 97 Winter Session)

Magdalena STEKL Memorial Scholarship in Music-A \$1,000 scholarship is offered by Eva Cairns and George Stekl in memory of their mother, Magdalena Stekl. It is awarded to a student in the orchestral instruments major, excelling in chamber music for string ensemble. The award is made on the recommendation of the School of Music, and in the case of graduate students, in consultation with the Faculty of Graduate Studies. (Available 97 Winter Session)

Daniel J. STENEKER Education Abroad Scholarship-Scholarships totalling \$30,000 are offered by Daniel J. Steneker to students participating in Education Abroad programs. The awards are made on the recommendation of the Education Abroad Program Advisory Committee, in consultation with the Director of the Office of Awards and Financial Aid. (Available 97 Winter Session)

George WOODCOCK Memorial Prize in Canadian Literature-A \$300 prize has been endowed in memory of George Woodcock, lecturer emeritus of the English Department. The award is offered to a student in the second year course in Canadian Literature (ENGL 202) on the recommendation of the Department of English. (Available 96 Winter Session)

Jamie and Hector WRIGHT Memorial Scholarship-A \$1,500 scholarship has been endowed by Janie D. Bodner (Wright) BPE '56, in memory of her parents. The award is offered to an undergraduate student in Human Kinetics and is made on the recommendation of the School. (Available 97 Winter Session)