Wednesday, April 26, 1972.

The eighth regular meeting of the Senate of The University of British Columbia for the session 1971-72 was held on Wednesday, April 26, 1972, at 8.00 p.m. in the Board and Senate Room, Administration Building.

Present: President W. H. Cage (Chairman), Dr. A. E. Aho, Mr. D. V. Anderson, Deputy President W. M. Armstrong, Dr. C. S. Belshaw, Dr. T. H. Brown, Dr. S. D. Cavers, Dr. J. D. Chapman, Dr. R. M. Clark, Dr. M. F. Clarke, Dean I. McT. Cowan, Dr. R. Daniells, Rev. R. W. Finn, Dr. S. M. Friedman, Dean J. A. F. Gardner, Dr. R. F. Gray, Dr. N. A. Hall, Dr. D. F. Hardwick, Mr. D. S. M. Huberman, Dean D. T. Kenny, Mrs. W. T. Lane, Mr. A. J. Longmore, Dean A. J. McClean, Dean Helen McCrae, Dr. C. A. McDowell, Mr. J. A. McEwen, Dr. M. F. McGregor, Mr. K. R. Martin, Dr. L. G. Mitten, Dr. B. N. Moyls, Dr. J. M. Norris, Mr. R. F. Osborne, Dr. P. H. Pearse, Mr. A. R. Robbins, Mr. S. J. Robinson, Mr. J. V. Rogers, Dr. G. Rosenbluth, Dr. R. F. Scagel, Dean N. V. Scarfe, Dr. A. D. Scott, Dr. R. F. Sharp, Dr. J. H. G. Smith, Dr. J. K. Stager, Dr. M. W. Steinberg, Mr. B. Stuart-Stubbs, Mr. D. A. Swain, Mr. J. T. Sydor, Rev. W. S. Taylor, Dean G. M. Volkoff, Dr. W. A. Webber, Dr. B. L. White, Dr. W. E. Willmott.

Observers: Mr. J. A. Banham, Mr. T. A. Myers, Mr. P. Thompson.

Messages of regret for their inability to attend were received from Mr. R. M. Bibbs, Mr. S. Black, Dr. C. A. Brockley, Mr. D. M. Brousson, Mr. P. T. Burns, Mr. C. M. Campbell, Dr. D. H. Chitty, The Hon. E. D. Fulton, Mr. W. Gerson, Mr. I. F. Greenwood, Mr. J. Guthrie, Mr. G. H. D. Hobbs, Mr. P. A. Insley, Dr. S. Israels, Dr. J. M. Kennedy, Mrs. J. MacD. Lecky, Mr. S. S. Lefeaux, Mr. D. F. Miller, Mrs. A. Brearley Piternick, Mr. P. Plant, Dean B. E. Riedel, Mr. G. R. Selman, Dean M. Shaw, Dr. H. V. Warren, Dean P. H. White, Mr. D. R. Williams.

Minutes of the Previous Meeting

Dr. Hardwick)
Dr. Webber)

That the Minutes of the seventh regular meeting of Senate for the session 1971-72 having been circulated, be taken as read and adopted.

Carried

Wednesday, April 26, 1972.

Report on Westwater Resources Research Centre (formerly Water Resources Research Centre)

A report had been circulated concerning the progress of the Westwater Resources Research Centre.

Dr. Scott reminded members that he first reported to Senate in May 1970 plans to form a research group to study water resources. Senate had approved the establishment of the Centre in January 1971 and shortly thereafter funds were received from the National Advisory Council on Water Resources Research. In August 1971 Professor Irving K. Fox was appointed Director of the Centre. Professor Fox has since been working with a steering committee and consulting faculty members, government officials and interested members of the community on the policies, objectives and operating procedures which govern the Centre. Further research funds have been received from the Department of the Environment for the current year. Various departments have been approached in an effort to recruit research associates to give part of their time to the Centre.

The Centre's initial project, which will deal with water-quality management in the lower Fraser Valley, will involve the integrated efforts of biologists, engineers, chemists, soil scientists, geographers, foresters, economists, lawyers and political scientists.

Dr. Scott stated that the function of the Centre was research and it was not the intention that a teaching programme be developed.

Dr. Scott)
Dr. Chapman) *That the report be received.*

Report on Westwater Resources Research Centre (continued)

In answer to a query concerning why the Centre was not developing a teaching programme Dr. Scott stated that there was another group on campus preparing a teaching programme on resource problems which included water problems. The immediate future plans of the Centre did not include a teaching programme.

Following a brief discussion the motion was put and carried.

Business arising from the Minutes

Courses entitled "Problems in International Relations"

Notice of motion had been given by Dr. Norris, the intent of which was to regularize the situation concerning courses offered each year entitled "Problems in International Relations".

In the 1968-69 academic year Senate gave permission to the committee supervising the Programme in International Relations to offer up to three units per year of courses in International Relations, to be provided by the various Departments and Faculties contributing to the programme. These included the Faculty of Law and the Departments of Political Science, History, Geography, Economics, Anthropology and Sociology, Psychology, Asian Studies, and Slavonic Studies. These courses would be changed from year to year and, in general, need not become regular departmental offerings.

No provision had been made, however, for informing the Registrar's Office or Senate of subsequent developments and therefore the current offerings had not been included in the Calendar.

Business arising from the Minutes

Courses entitled "Problems in International Relations" (continued)

Dr. Norris)
Dr. Cavers) *That the general offering of courses entitled Problems in International Relations authorized to be offered by the Faculties and Departments contributing to the International Relations Programme by Senate in the 1968/69 academic year be given a Calendar entry and description and placed in the Calendar next year under the main International Relations entry; and that each year the courses proposed under the general entry, and given blanket authorization by Senate in 1968/69, be submitted to the Senate Curriculum Committee and the Faculty of Arts Curriculum Committee for their information, comment and approval.*

Carried

From the Board of Governors

Notification of approval in principle of Senate recommendations - subject, where applicable, to the proviso that none of the programmes be implemented without formal reference to the President and the formal agreement of the President; and that the Deans and Heads concerned with new programmes be asked to indicate the space requirements, if any, of such new programmes.

(i) Course changes in Chemical Engineering, Geological Engineering and Metallurgy recommended by the Faculty of Applied Science. (P.5601 & 5605)

(ii) Extra-sessional credit course May-July 1972, recommended by the Faculty of Arts. (P.5601 & 5605)

(iii) Extra-sessional credit courses May-July 1972, recommended by the Faculty of Education. (P.5601 & 5605)

(iv) New course, Education 380, recommended by the Faculty of Education. (P.5540, 5552 & 5591)

(v) Course changes in Philosophy, recommended by the Faculty of Graduate Studies. (P.5573, 5581 & 5588)

(vi) Master's programme in Health Services Planning, recommended by the Faculty of Graduate Studies. (P.5600)

From the Board of Governors (continued)

(vii) Doctor of Philosophy in Musicology (Ph.D.), Doctor of Musical Arts both in Performance and in Composition (D.M.A.), Master of Music in Ethnomusicology (M.Mus.), recommended by the Faculty of Graduate Studies. (P.5598-99)

(viii) Course changes in History recommended by the Faculty of Graduate Studies. (P.5602 & 5606)

(ix) New courses in Economics and Metallurgy, recommended by the Faculty of Graduate Studies. (P.5581 & 5591)

(x) New courses recommended by the Faculty of Law. (P.5581 & 5591)

(xi) Discontinuance of the Diploma Programme in Public Health Nursing, recommended by the School of Nursing. (P.5602)

(xii) Change in promotion requirements recommended by the Faculty of Pharmaceutical Sciences. (P.5526-27, 5550-51 & 5590)

(xiii) Course revisions and new courses recommended by the Faculty of Pharmaceutical Sciences. (P.5582 & 5592)

(xiv) Biology 101 to be offered in Chilliwack under the auspices of the Centre for Continuing Education for the year 1972-73, as recommended by the Faculty of Science. (P.5602)

(xv) Change of name of Department of Geophysics to the Department of Geophysics and Astronomy. (P.5602)

Committee on Prizes, Scholarships and Bursaries

Dean Gardner)
Dean Scarfe) *That the new award listed in Appendix 'A' be accepted subject to the approval of the Board of Governors, and that a letter of thanks be sent to the donor.*

Carried

Reports of Committees of Senate

Curriculum Committee

Dr. Norris presented a report on items referred to the committee at the December 1971 and March 1972 meetings of Senate:-

Faculty of Applied Science

Dr. Norris)
Dr. Cavers) *That a new course, Applied Science 450, recommended by the Faculty of Applied Science (P.5605) be approved.*

Carried

Reports of Committees of Senate

Curriculum Committee (continued)

Faculty of Arts

Bachelor of Music with a major in opera - Bachelor of Music with a major in sacred music

It was explained that the Curriculum Committee had deferred consideration of new courses for the above programmes pending Senate approval of the actual programmes. (P.5569-71 & 5588)

Dr. Norris)
Mr. Osborne) *That the new music courses for the Bachelor of Music with a major in opera and the Bachelor of Music with a major in sacred music, recommended by the Faculty of Arts (see Appendix 'B'), be approved.*

Carried

Dr. Norris)
Mr. Anderson) *That the title of Music 328 be changed from Introduction to Ethnomusicology to World Music Cultures, as recommended by the Faculty of Arts.*

Carried

Dr. Norris)
Mr. Osborne) *That a new course, Music 428, recommended by the Faculty of Arts (P.5605) be approved.*

Carried

Faculty of Graduate Studies

At the March meeting of Senate it had been suggested that the Curriculum Committee recommend a change in title of Music 547 and Music 548, Private Applied. The committee recommended that the title of Music 547 be changed to Individual Instruction in Performance I and Music 548 to Individual Instruction in Performance II.

Wednesday, April 26, 1972.

Reports of Committees of Senate

Curriculum Committee

Faculty of Graduate Studies (continued)

Dr. Norris)
Dean Cowan) That the new courses in Music recommended by the Faculty of Graduate Studies (P.5581 and P.5599) and the change in title of Music 547 and 548, be approved.

Carried

Dr. Norris)
Dean Cowan) That the title of Music 520 be changed from Seminar in Musicology to Pro-Seminar in Historical Musicology, as recommended by the Faculty of Graduate Studies.

Carried

Dr. Norris)
Dean Kenny) That new courses in History recommended by the Faculty of Graduate Studies (P.5605) be approved.

Carried

Committee on request of C.U.P.E. for representation on Senate

A report from the committee had been circulated at the meeting. Dr. Norris requested that consideration of the report be deferred until the May meeting in order to give members time to study it before taking action.

Dr. Norris)
Mr. Sydor) That the report be considered at the May 17, 1972 meeting of Senate.

Carried

Committee on Five Year Review Procedures of Faculties and Departments

Dr. Hardwick presented an interim report of the committee. The committee was established in September 1970 to recommend regulations and procedures necessary to implement the principle of five year reviews of Faculties and of Departments.

The report outlined a series of activities which it was felt would

Reports of Committees of Senate

Committee on Five Year Review Procedures of Faculties and Departments (continued)

result in a constructive review of Departments. The first phase recommended was that the Department examine itself in order to be prepared for external examination. The initial examination by the Department would consist of a questionnaire, a copy of which had been submitted to Senate with the report. The self-analysis would also include discussions with members of Faculty and intensive discussions with students in each of the Faculties presenting information. Once an internal review had been completed an external review by members other than those within the Department would be negotiated. The minimum size recommended for an external review committee was three.

The committee had determined, in agreement with the original recommendation adopted by Senate, that the review be each five years; that it be required for Departments, Schools and Faculties; that an external review committee should include at least one person of established reputation in the discipline under review who was not a Faculty member of the University; that all external review committees should include at least one person from the University but in a related discipline, and that the external review should take place only after the Department had had an opportunity to prepare for it. No member of the Department or Faculty under review should serve on the review committee. Subsequently a report would be prepared and submitted to the Dean of the Faculty concerned. A full report regarding academic activities would then be prepared for Senate.

Wednesday, April 26, 1972.

Reports of Committees of Senate

Committee on Five Year Review Procedures of Faculties and Departments (continued)

Dr. Hardwick explained that the recommendations outlined were put forward as guidelines and that the committee would welcome comment both verbal and written.

It was stated that one Department in the Faculty of Medicine had already been reviewed and the Department Head concerned regarded this as a satisfactory and constructive review.

The committee felt that the review would allow a more structured and organized form in which to perform what had previously been an ad hoc activity.

Dr. Hardwick)
Dr. Aho) *That the progress report be received.*

One of the problems envisaged was the handling of the report from the review committee after it had been received by the Dean. It was explained that the report would have several components to it, not all of which were directly relevant to Senate's activities. The predominant concern of Senate would be matters that related to academic activities but the Dean of the Faculty would be involved in the administrative and fiscal aspects of any recommendations made.

Members agreed that it was worthwhile asking departments and faculties to make some statement of their aims and objectives and to carry out some form of evaluation. However, it was felt *by some members** that the questionnaire in its present form was unacceptable.

**See pages 5624-5*

Reports of Committees of Senate

Committee on Five Year Review Procedures of Faculties and Departments (continued)

It was also suggested that a review, to be effective, would need to be preceded by a Department's or Faculty's definition of its objectives and a statement of what it felt to be relevant at the time to the achievement of these objectives.

Dr. Hardwick thanked members for their comments and stated that their suggestions would be considered by the committee in preparing its final report.

The motion was put and carried.

New Programmes Committee

Priorities for New Programmes

Dr. Belshaw stated that in December 1971 the committee had submitted to Senate a proposal outlining a number of categories of significance for use in assigning priority and these had been applied to programmes approved during the 1971/72 session.

The intention in assessing priorities was to advise administrators of the necessity for offering programmes in the current year and also, in the event of a shortage of funds, to give information regarding programmes which had been adjudged by Senate to be more significant than others.

Dr. Belshaw stressed that the information contained in the report was just an opinion of the committee through Senate to the Dean, and it was hoped that this would be a step towards getting

Reports of Committees of Senate

New Programmes Committee

Priorities for New Programmes (continued)

the consistency which it was hoped would emerge in administrative decisions finally taken.

Dr. Belshaw) *That the report be received.*
Dean Cowan)

It was stated that one of the implications of setting out such a report was that it indicated the number of programmes the University had committed itself to in principle.

The motion was put and carried.

Proposals of the Faculties

Faculty of Law

Senate was advised of a decision approved by the Faculty of Law under the authority of a resolution of the Board of Governors that the incoming class for the Fall term of 1972/73 would be limited to 220 students.

Faculty of Medicine

Senate was advised that the size of the entering class in the Faculty of Medicine was to be increased from 60 to 80 in the Fall of 1972.

There was some discussion concerning the fact that the proposal was presented for information. It was felt that Senate approval was necessary and that reasons for the proposed change should be given.

Proposals of the Faculties

Faculty of Medicine (continued)

Dr. Webber explained that facilities and staff had increased since the original enrolment figure of 60 had been established. In recent years it had been necessary to reject a number of highly qualified applicants.

In September 1972 only applicants from British Columbia were admitted. The Faculty had therefore recommended to the Board of Governors that the size of the incoming class be increased.

It was suggested that the Chairman should ask the Faculty of Medicine to report to Senate on the implications of this increase from the point of view of its academic objectives, resources available and the question of the service to the community.

It was felt that since enrolment policy was likely to be of considerable concern in the future, particularly in those Faculties where there was a definite professional orientation, it would be desirable to establish clear procedures for approving future enrolment restrictions or increases.

Dr. Webber)
Dr. Norris) *That Senate be given the opportunity to comment on the academic implications of future proposed enrolment restrictions or increases.*

Carried

Progress Report on the Ph.D. Programme in Community and Regional Planning

Dean Cowan explained that the proposal to offer a Ph.D. degree in Community and Regional Planning had been approved by Senate in June 1969

Progress Report on the Ph.D. Programme in Community and Regional Planning (continued)

with the stipulation that a report reviewing the programme be submitted to Senate at the end of three years.

It was stated in the report that there were now 11 Ph.D. candidates and the number of full-time faculty had increased from five to seven. The faculty of the School had become involved with post-graduate research not only in its own discipline but also in co-operation with the Centre for Transportation Studies, Westwater Resources Research Centre, and with the Resource Science Centre. This had strengthened the opportunity of the School to give really worthwhile instruction at the doctorate level and to encourage the research these people have been undertaking.

Dean Cowan)
Mr. Anderson) *That the progress report be received.*

In reply to a query concerning a recommendation contained in the report that Senate give unqualified approval of the Ph.D. programme, it was stated that Senate was not being asked to do this at the present time.

The motion was put and carried.

Alumni Association Representatives on Senate

The Chairman reported the appointment of the following Alumni Association representatives to serve on Senate for a three-year term from September 1972-75:-

Mrs. Frederick Field, Mr. Frank C. Walden, Mr. T. Barrie Lindsay.

Centre for Continuing Education

Dean Scarfe)
Dr. Gray)

That a proposal to offer extra-sessional credit courses in the summer of 1972 be approved. (See Appendix 'B')

Carried

Other Business

1. Dean Cowan expressed concern regarding references made in Senate from time to time that graduate enrolment may have to be restricted. He stated that there were financial pressures which, in some areas, required graduate enrolment to be reduced. As far as the question of employment for graduate students was concerned he did not feel that the undergraduate had a better chance of employment than the skilled graduate.

The Chairman stated that the question of enrolment restriction in any Faculty had to be based upon the physical facilities available.

2. Dr. Aho advised Senate of the successful opening of the Geological Sciences building, and referred to donations received from members of the community.

The Chairman thanked Dr. Aho for his own part in the drive to raise $2 Million for the building. The Chairman also paid a special tribute to the late Dr. Jack Cower who made an outstanding contribution to the campaign in its early stages.

3. The Curriculum Committee chairman raised a query as to whether the extra-sessional courses approved earlier in the meeting, to be offered during the summer were in fact Summer Session courses or extra-sessional courses administered by the Centre for Continuing Education.

Other Business (continued)

It was explained that the courses referred to were in fact extra-sessional courses administered by the Centre for Continuing Education during the summer.

The Chairman expressed the opinion that the recommendation should in fact have come from the Faculty of Education. He agreed to review and clarify the procedures governing submissions of this kind.

The meeting adjourned at 10.00 p.m.

The next regular meeting of Senate will be held on Wednesday, May 17, 1972.

Secretary

Confirmed,

Chairman

APPENDIX 'A'

New Award Recommended to Senate

The J. Kimball Kelly Memorial Scholarship

In memory of J. Kimball Kelly, B.S.F. (UBC, 1964), M.B.A. (UBC, 1971), who tragically lost his life in an accident in 1971, his wife has established a scholarship in the amount of $250. It will be awarded annually to a student in graduate studies in Business Administration, proceeding to the degree of M.B.A. Preference in the following order will be given to a student (1) in the field of finance; (2) with an interest in the field of construction; (3) who, having worked in industry, has returned to the University for further study.

APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF ARTS

New courses

Music	125 (1)	Opera Repertoire I
	225 (1)	Opera Repertoire II
	335 (1)	Opera Repertoire III
	435 (1)	Opera Repertoire IV
	406 (1 or 2)	Conducting II
	327 (3)	Liturgical Music I
	427 (3)	Liturgical Music II

CENTRE FOR CONTINUING EDUCATION

Extra-sessional courses to be offered in the Summer of 1972

Education	380 (3)	Outdoor Environmental Studies
	479 (3)	Cross Cultural Education (Native Indians)
	308 (3)	Physical Education