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The third regular meeting of the Senate of the University of British Columbia was held on Wednesday, February 18th, 1948, at 8:00 p.m., in the Board and Senate Room.

Present: Dean D. Buchanan, Acting President (in the Chair), Chancellor E. W. Hamber, Dean F.M. Clement, Dean J.N. Finlayson, Dean G. F. Curtis, Dr. O.J. Todd, Mr. W.H. Gage, Dr. H.J. MacLeod, Mr. F.A. Forward, Dr. J.C. Berry, Dr. G.H. Harris, Mr. F. Read, Mr. J.F. Burd, Major H.C. Holmes, Mr. A.R. Lord, Mr. H.O. English, Dr. J.G. Brown, Mrs. K.M. Beckett, Mr. K.P. Caple, Dr. Sherwood Lett, Mr. A.E. Lord, Miss Florence S. Mulloy, Dr. W.N. Sage, Dr. F.A. Turnbull, Rev. K.E. Taylor, Dr. J.F. Walker, Dr. H.V.Warren, Dr. C.A.H. Wright, Mr. Gilbert Kennedy.

Expressions of regret for their inability to be present were received from Mr. H.N. MacCorkindale, Dr. A.E. Grauer, Dean M. Dorothy Mawdsley, Dr. A.B. Schinbein, Dr. G.G. Sedgewick.

Dean Buchanan expressed the great pleasure felt by all members of Senate in the honour conferred on President MacKenzie in his investiture with the insignia of Companion of the Most Distinguished Order of St.Michael and St.George.

Dr. Berry )
Dr. warren) That the minutes of the second regular meeting of December 17th, 1947, be approved.

Carried

Dr. Todd )
Mr. A.R.Lord) That the minutes of the Special Meeting, December 30th, 1947, be approved.

Carried

Appointment of Committee on "Friends of the Library"

With reference to the resolution passed at the meeting of Senate on October 22nd, a memorandum was received from

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the Librarian containing suggestions concerning the formation and functions of a "Friends of the Library" group. In view of this, it was agreed that the appointment of a committee on the matter be deferred. The Chancellor referred to the effective work done for McGill University by the organization known as "Friends of McGill University" and suggested that a similar group be initiated here.

The Chairman recommended that the suggestion be forwarded to the President for action.

From the Board of Governors

Courses for the Summer Session, 1948 - Approved.

Extension of course in Horticulture 316 - Approved.

Appropriation for Library - Referred to the meeting of the Board of Governors which will deal with the University Budget.

The following recommendations of the Committee on Prizes, Scholarships, and Bursaries were accepted by the Board subject to the approval of Senate:

1. United Distillers' Limited Assistance Fund.

2. Continuation of the British Columbia Telephone Company Scholarship for the Session 1948-49.

3. Renewal of the British Columbia Electric Railway Company Scholarship for the Session 1948-49.

4. For information - receipt of the final payment on the H. R. MacMillan Loan Fund and contribution towards the salary of a professor of Silviculture.

5. Continuance of J.S. McLean Bursaries for the Session 1948-49.

6. Bequest from the estate of the late Mrs. Anne S. Campbell to provide a fund for assistance to needy students and a contribution toward the establishment of a Faculty of Medicine (for information).

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7. Increase in amount of Timber Preservers Limited awards.

8. Dorbils Prize in Canadian History.

9. National Paper Box Limited Bursaries.

10. Change in terms of the Cominco Research Fellowship.

From the Faculties

Dr. Sage presented the report of the Joint Faculty Committee on the proposal to initiate courses leading to the degree of Ph.D. in the Departments of Biology and Botany, Physics, and Zoology. This report had been approved by a Joint meeting of the Faculties held on February 10th, 1948. It included the following recommendation:

> While it is recognized that the first call on the University's resources should be the improvement of the standards of undergraduate instruction, and while there may be some apprehension that the three departments concerned have underestimated the cost of Ph.D. work, the Committee as a whole nevertheless feels that the advantages to the University of initiating the strictly limited programme of Ph.D. courses that is proposed would outweigh the disadvantages. It therefore recommends that the proposal to commence Ph.D. work as an experiment on a minimum cost basis be endorsed and forwarded to Senate with the recommendation that it be approved.

Dr. Sage )
Mr. Kennedy) That this recommendation be approved in principle and forwarded to the Board of Governors for consideration.
Carried

Calendar, 1948-49

Mr. Gage presented the recommendations of the Faculty of Arts and Science in reference to Calendar changes effective in the Session 1948-49:

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Mr. Gage)
Dr. Sage) That the regulation that students with more than three units of failures outstanding be not allowed to register in September be rescinded.

Carried

Mr. Gage)
Dr. Sage) That students in the Faculty of Arts and Science be permitted to take courses in Architecture for credit as follows:
Arch.160 (1 unit) and Arch.170 (2 units) - Second Year
Arch.466(1½ units) and Arch.467(1½ units) - Third or Fourth Years.

Carried

Mr. Gage )
Mr.A.R.Lord) That the courses for High School Teachers of Science and Health be deleted.

Carried

Mr. Gage)
Dr. Sage) That a student be permitted to take two subjects (6 units) of First or Second Year courses in the combined Third or Fourth Years without restriction as to the departments in which he is doing his major work.

Carried

Mr. Gage)
Dr. Sage) That paragraph 4, p.95 of the Calendar for 1947-48 in reference to language courses be deleted.

Carried

Mr. Gage)
Dr. Sage) That the recommendations for the Double Degree courses be three years in Arts with 18 units in the third year of Arts. The B.A. degree may be combined with any other degree except the B.S.W. for which it is prerequisite.

Carried

Mr. Gage )
Dean Curtis)That the course Commerce 251 (Fundamentals of Accounting) be ~~compulsory~~ accepted as an optional subject

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for those taking the combined degrees of B.A. and LL.B.

Carried

Mr. Gage )
Dean Clement) That this report be approved and forwarded to the Board of Governors.

Carried

Dean Clement)
Mr. Gage ) That new courses be discussed by all concerned before being included in the Calendar in order that equipment and staff be not duplicated and funds not expected beyond the power of the department to provide.

Carried

Mr. Forward presented the report on Calendar changes, new courses, courses to be discontinued, courses redrafted and reorganized, curriculum revisions, general revisions, etc., in the Faculty of Applied Science, as approved by the Faculty. Attention was called to the proposed special fees in the course in Forestry - a $3.00 surveying fee and a $50.00 fee for the one month spent at the Forestry Camp at Haney.

Mr. Forward )
Dean Finlayson) That this report be approved and forwarded to the Board of Governors.

Carried

Dean Clement presented the recommendations of the Faculty of Agriculture on Calendar changes, new courses, etc., in that Faculty, and called attention to the proposed new five-year honours courses in the different Departments. These would not require new courses or additional staff, but only a re-arrangement and distribution of present courses.

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Dean Clement)
Dr. Harris ) That the honours courses be approved in principle, full details to be worked out later and that the report as a whole be adopted.

Carried

Dean Clement)
Dr. Harris ) That Horticulture 416 (Landscape Design) be made available to students in Architecture.

Carried

Dean Curtis stated that no changes were proposed in the present calendar outline for the Faculty of Law.

Dr. Sage presented the recommendation of the Faculty of Arts and Science on the proposed changes in the requirements for the M.A. degree.

Dr. Sage)
Mr. Gage) That these revisions in requirements be approved.

Carried

Christmas Examinations

The following resolution in reference to Christmas Examinations was submitted as adopted by the Faculty of Arts and Science, Applied Science, and Agriculture:

> "That we revert to the practice of having formal examinations in all undergraduate courses at Christmas and that no lectures be held during the examination period."

Dr. Lett)
Mr. Gage) That the recommendation of these faculties be approved.

Carried

The Faculties of Arts and Science and Agriculture also recommended the following:

> "That Faculty discontinue the practice of dismissing students at Christmas."

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Mr. Gage )
Mr.A.R.Lord) That this recommendation be approved.

Mr. A.E. Lord asked that a letter be read from Mr. A.J. Cowan regarding the compulsory withdrawal of his son from Third Year Applied Science. In amendment

Mr. A.E.Lord)
Dr. Lett ) That this matter be laid on the table.

With the consent of the mover in each case the original motion and the amendment were withdrawn.

Mr.A.E.Lord)
Dr. Lett ) That a committee be struck by the Chair to bring in a report from all faculties regarding the question of compulsory withdrawal of students at Christmas.

Carried

Recommendations were received from the Faculties regarding the admission of students who have completed under the new curriculum the full course of two years beyond Senior Matriculation at the Joint Services College, Royal Roads:

Arts and Science: "That applicants who have completed the full course of two years following Senior Matriculation be granted up to 30 units of credit in First and Second Years, and that those who have completed the special requirements in Mathematics and Physics at Royal Roads with satisfactory standing be accepted as having completed the Second Year requirements of the Honours course in either Mathematics or Physics or both."

Applied Science: "That credit for one year only in Applied Science be allowed to applicants who have completed the new two year course of the Joint Services College, Royal Roads."

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Agriculture: "That all applicants be referred to the Committee on Admission and Courses, and that each case be dealt with on its merits."

Law: No objection was raised to the recommendation that a student who has completed the new two-year course at Royal Roads be regarded as having done the equivalent of the First and Second Years in the Faculty of Arts and Science.

Mr. Gage )
Major Holmes) That these recommendations be approved.

Carried

RCN Educational Tests

A request was received from the Department of National Defence, Ottawa, through the Department of Education at Victoria, for recognition of the RCN Canadian Intermediate and Higher Educational Tests. A recommendation was received from the Faculties that these tests be accepted as the equivalent of British Columbia University Entrance and Senior Matriculation respectively, with the exception that the Higher Test in Chemistry be regarded as the equivalent of Chemistry A only.

Mr. Gage )
Mr. Taylor) That these recommendations be approved.

Carried

Directed Reading Courses, 1948-49

The Faculty of Arts and Science recommended that the following Directed Reading Courses be offered in the Session 1948-49:

Mathematics 202 - Calculus - 3 units
Economics 310 - International Trade - 3 units

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Dr. Sage )
Dean Curtis) That these courses be approved for the Session 1948-49.

Carried

Summer Reading Courses for Veterans

The Faculty of Arts and Science recommended that a summer reading course or courses be authorized for veteran students who need an additional three units to complete the requirements for their degrees, the details to be arranged by Dean Buchanan in consultation with the Veterans' Counsellors and the Department of Veterans' Affairs following a canvass of the students concerned.

Mr. Gage )
Mr. Caple) That these courses be approved when details regarding the courses have been completed.

Carried

Requirements for University Entrance and Senior Matriculation, 1949

The following proposed changes were suggested for the "Requirements for University Entrance and Senior Matriculation, 1949"

(a) Rewording to provide for new courses, Mathematics V and A.

(b) Change in General Science requirements for University Entrance in case of students offering language courses.

(c) Revision of subject requirements for University Scholarships for University Entrance.

(d) Provision for postponement of Royal Institution Scholarship for Senior Matriculation in case of Pharmacy students.

Mr. Forward)
Dr. Sage ) That these revisions be referred

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to the Chair with power to act.
Carried

Memoranda on University Population and Finance

Dr. Turnbull presented a memorandum and charts illustrating some aspects of University population and finance over the last thirty years, showing the actual proportion of government grants to Provincial Government income, student load carried by each Faculty and by individual members of Faculty, population growth as compared with student growth, average cost per student enrolled, etc.

Dr. Warren)
Dr. Lett ) That the memorandum be forwarded to the Board of Governors with the request that Faculty and Alumni be permitted to use the information publicly.
Carried

Speaker for the Spring Congregation

The Secretary read a letter from the President stating that he had received word that His Excellency the Governor-General would be present at the Spring Congregation to receive his Honorary Degree and would also give the Congregation Address.

Victoria College Council

Mr. Gage represented the University at the last meeting of the Victoria College Council and gave a report of progress.

A letter was read from Dr. J. M. Ewing, Principal of Victoria College, requesting permission to appoint another member of the Victoria College staff to attend Senate meet-

ings when he is personally unable to come to Vancouver. His appointee would have no voting power on Senate but would be able to keep Victoria College in touch with Senate proceedings.

Dean Clement)
Mr. A.E.Lord) That this suggestion be approved.

In amendment

Mr. A.E.Lord)
Dr. Lett ) That this matter be laid on the table.

The amendment was put to vote and Carried

Report of the Committee on Prizes, Scholarships, and Bursaries

Mr. Gage, Chairman, presented the report of the Joint Faculty Committee on Prizes, Scholarships, and Bursaries. The following revisions, renewals, and offers of new prizes were approved in accordance with the terms listed below:

The United Distillers Limited

The United Distillers Limited has donated, through Mr. I.J. Klein, Managing Director, the sum of $250.00 to provide a special fund for the emergency assistance of needy veteran students.

British Columbia Telephone Company Limited Scholarships

Information was received that the British Columbia Telephone Company had agreed to continue its scholarships to the value of $250.00 for the Session 1948-49.

The British Columbia Electric Railway Company Limited have signified their intention of renewing their scholarship awards for the Session 1948-49, the terms of award to remain unchanged.

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Mr. H.R. MacMillan has made final payment on his contribution to his Loan Fund and to the salary of a professor in Silviculture.

Mr. J. S. McLean notified the President of his intention of continuing the McLean Bursaries to the value of $1,000.00 for the Session 1948-49.

## Timber Preservers Limited Prizes

The Timber Preservers Limited have announced their intention of increasing the total amount of their prizes from $135.00 to $180.00 annually. Their prizes will now be $80.00, $60.00 and $40.00 respectively.

## The Dorothy and William Dorbils Prize in Canadian History

A prize of $50.00, the gift of Dorothy and William Dorbils, will be awarded annually to an undergraduate or graduate student for an essay on some aspect of Canadian History, which shows promise of ability in historical research. The award will be made on the recommendation of the Department of History. If in any year no student reaches the required standard the award may be withheld. Students intending to compete for the prize should consult members of the Department teaching the courses in Canadian History.

## The National Paper Box Limited Bursaries

Two bursaries of $200.00 each, the gift of National Paper Box Limited, are available for the Session 1948-49. One of these will be awarded to a student in Agriculture and the other to a student in Commerce. The awards will be made to students who have good academic records and are in need of financial assistance. Applications, on forms available at the Registrar's Office, must be received by the Registrar not later than August 15th.

Minor revisions in the terms of award of the Cominco Fellowship were approved by the Committee on Prizes, Scholarships, and Bursaries.

## The Kiwanis Club Gold Medal and Prize

A gold medal and a cash prize of $50.00 both given by the Kiwanis Club of Vancouver, will be awarded to the student standing at the head of the

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graduating class for the B. Com. degree.

## The Kiwanis Club Scholarship

A scholarship of $150.00, the gift of the Kiwanis Club of Vancouver, will be awarded to the student obtaining the highest standing in the Fourth Year of Commerce and proceeding to the final year in that course.

## The Houghland Prize in Dispensing

Through the generosity of C. D. Houghland, Vancouver, two prizes of $50.00 each are available annually for students in Pharmacy. The prizes will be awarded to the two graduating students with the best records in the practical work of the pharmacy and dispensing laboratories throughout the course.

## The Transportation and Customs Bureau of the Vancouver Board of Trade Prizes

A cash prize of $75.00, the gift of the Vancouver Board of Trade, was awarded in May, 1948, for the best major report submitted by students enrolled in the Department of Commerce in the course on Transportation Practices and Policies (Commerce 543). A cash prize of $75.00 was made available for students in the Extension Course in Transportation.

## The Automotive Transport Association of British Columbia Scholarship

A scholarship of $150.00, the gift of the Automotive Transport Association of British Columbia, will be awarded annually to the student who obtains the highest standing in the course on Transportation Practices and Policies (Commerce 443) and is proceeding to the course in Highway Traffic Problems (Commerce 545).

## Vancouver Bar Association Prizes

A recommendation was received from the Faculty of Law that the Vancouver Bar Association Prizes to the value of $100.00 be discontinued and that in the place of these an additional bursary of $100.00 be given in the Faculty of Law making three Vancouver Bar Association bursaries instead of two.

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## The Law Society Gold Medal and Prize

A gold medal, presented by the Law Society of British Columbia, will be awarded to the student obtaining the highest aggregate marks in the final year in the Faculty of Law. This award will be accompanied by a cash grant equivalent to the individual's Call and Admission Fee.

## The Home Economics Graduation Prize

A cash prize of $50.00 will be awarded to the student standing at the head of the graduating class for the B.H.E. degree.

## The Home Economics Prize

A cash prize of $25.00 will be awarded to the student obtaining highest standing in the work of the Second Year of the course in Home Economics.

## The Architectural Institute of British Columbia Medals and Prizes

Prizes to the total of $200.00, given annually by the Architectural Institute of British Columbia, are available for the leading students in the three senior years of Architecture. These prizes, each consisting of a medal and books, will be awarded to the student in each year showing outstanding ability in architectural design and obtaining a high academic record. If, in any year, no student obtains a sufficiently high standing, the awards may be withheld.

## The Triple Entente Chapter, I.O.D.E. Bursaries

Two Bursaries of $75.00 each, the gift of the Triple Entente Chapter of the I.O.D.E., are available for veterans. Of these awards, one will be given to a student in the Faculty of Applied Science and the other to a student in the Teacher Training Course. To be eligible for these awards, students must have financial need and high scholastic standing. Applications, on forms available at the Registrar's Office, must be received by the Registrar not later than August 15th.

## The Admiral Jellicoe Chapter, I.O.D.E. Bursaries

Two bursaries of $50.00 each, the gift of the Admiral Jellicoe Chapter of the I.O.D.E., are

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available for veterans. These awards, one of which is open to women and the other to men, will be given to students who have attained high scholastic standing and have financial need. Applications, on forms available at the Registrar's Office, must be received by the Registrar not later than August 15th.

Mr. Gage )
Dr. Warren) That these new awards, revisions, renewals, etc., be accepted and letters of thanks sent to the donors.
Carried

For the information of Senate Mr. Gage announced the establishment of the following new Loan Funds:

Phi Delta Delta Legal Fraternity Loan Fund
Donation from Dr. D.F. Steadman to the University General Loan Fund
Mary L. Bollert Loan Fund

In connection with established bursaries and loan funds the following awards have been made:

From the Allied Officers, Auxiliary Bursary Fund:

Ernest L. Greenwood - $75.00
G. Cameron Fielding - $75.00
John Eager - $50.00

Mr. Gage presented a recommendation from the Committee on Prizes, Scholarships, and Bursaries that the second instalment of the Norgan Scholarship, awarded to Arnold T. Abbott, be postponed for one year as Mr. Abbott has been forced through illness to discontinue attendance for the present session.

Mr. Gage )
Dean Curtis) That the second instalment of the Norgan Scholarship awarded to Arnold T. Abbott be postponed for one year.
Carried

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Report of the Committee on the Establishment of a Faculty of Pharmacy

In view of the President's absence and since this question involves the whole matter of the establishment of faculties,

Dean Clement)
Mr. Forward ) That this matter be laid on the table until the President returns.
Carried

At this point Dean Buchanan left the meeting and Dean Clement took the Chair.

Report of Committee on Honorary Degrees

In the absence of the Chairman, Dean Finlayson presented the report of the Committee on Honorary Degrees:

1. His Excellency the Governor-General has signified his willingness to attend the Spring Congregation and receive the Honorary Degree which was offered to him by Senate some time ago. (For information)

2. That the Degree of Doctor of Laws be conferred on Dr. G.M. Weir at the Spring Congregation.

3. That the Degree of Doctor of Laws be conferred on Mr. A.D.P. Heeney, Clerk of the Privy Council, either at the Spring Congregation or at a later Congregation when it is convenient for him to receive it in person.

4. That the Degree of Doctor of Science be conferred on Dr. Anne Bezanson, Professor of Economics in the Wharton School of Business, University of Pennsylvania, and Executive Agent of the Rockefeller Foundation, either at the Spring Congregation or at a convenient later date.

5. That the degree of Doctor of Science be conferred on Dean Daniel Buchanan at the Spring Congregation.

Dean Finlayson)
Mr. A.R. Lord ) That this report be adopted.
Carried

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A letter was received from the Forest Club of the Alma Mater Society of the University of British Columbia requesting the establishment of a Faculty of Forestry.

Dean Finlayson)
Dr. Wright ) That the question of the establishment of a Faculty of Forestry be referred to a Committee to be appointed by the Chair.

Carried

The meeting adjourned.

Charles B. Wood

Secretary

Norman MacKenzie

Chairman