The fifth regular meeting of the Senate of The University of British Columbia for the Session 1954-55 was held on Friday, August 26th, 1955, at 8:00 p.m., in the Board and Senate Room, Administration Building.

Present: President N.A.M. MacKenzie (in the Chair), Dr. J. Allardyce, Dean G. S. Allen, Dr. W. J. Anderson, Dean G. C. Andrew, Dr. W. G. Black, Mr. C. B. Bourne, Dean S.N.F. Chant, The Hon. Mr. Justice J. V. Clyne, Miss M. Cottingham, Dean G. F. Curtis, Dean B. A. Eagles, Mr. H. C. Gilliland, Miss M. M. Fallis, Dean W. H. Gage, Dean H. C. Gunning, Mr. L. J. Ladner, Dr. W. H. Hickman, Dr. R. D. James, Dr. F. A. Kaempffer, Mr. J. S. Keate, Mr. F. M. Knapp, Col. H. T. Logan, Dr. M. M. MacIntyre, Mr. E. D. MacPhee, Dean M. D. Mawdsley, Mr. F. A. Morrison, Mr. W. O. Richmond, Dr. H. R. Robertson, Dr. W. N. Sage, Mr. F. H. Soward, Dr. W. S. Taylor, Dr. H. V. Warren, Dr. R. W. Wellwood and Dr. C.A.H. Wright.

Messages of regret for their inability to be present were received from Chancellor Sherwood Lett, Dean H. F. Angus, Mr. F. C. Boyes, Mr. J. M. Buchanan, Dr. I. McT. Cowan, Dr. A. E. Grauer, Major H. C. Holmes, His Honour Judge A. E. Lord, Dean A. W. Matthews, Dr. H. F. Woodhouse and Mr. Neal Harlow.

It was agreed that Mr. J. Parnall, Associate Registrar, and Mr. E. Parker, Information Officer succeeding Mrs. Coryell, be invited to attend Senate meetings.

Minutes of the Previous Meeting

Dean Gage)
Dean Chant) That the minutes of the fourth regular meeting of Senate for the Session 1954-55, having been circulated, be taken as read and adopted.

Carried.

Representatives on Senate of Victoria College and Union College

Notice was received from the Victoria College Council that Dr. W. H. Hickman had been re-appointed representative on Senate of Victoria College (March, 1954 to March, 1957); and from Union College of British Columbia that Dr. W. S. Taylor had been re-appointed representative on Senate of Union College (May, 1954 to May, 1957).

Annual Financial Report, Year Ending March 31st, 1955

Since the annual Financial Report for the year ending March 31st, 1955, was not yet available, it was agreed to defer this item until the next meeting of Senate.

From the Board of Governors

Approval of Recommendation of Senate

Notice was received that the Board of Governors on May 25th had approved the new course Physics 540 (2), Turbulence, as recommended by Senate at its meeting of May 11th.

Appointment of Principal of Victoria College

Notice was received that the Board of Governors

on June 27th had approved the recommendation of the Victoria College Council that Dr. W. H. Hickman be appointed Principal of Victoria College, in accordance with Section 17 of An Act Respecting Victoria College.

Course in Metals Technology

A letter was received from the Acting President advising that the Board of Governors on May 25th had approved a request from the American Society for Metals that a two week training course in Metals Technology for vocational teachers be given by the Department of Mining and Metallurgy.

New Awards and Changes in Awards, Subject to Approval of Senate

Notice was received that the Board of Governors had approved the acceptance of the following awards and changes in awards, subject to approval by Senate:

On May 25th:

The Socony-Vacuum Scholarship in Engineering
The Socony-Vacuum Scholarship (change in terms)
The Merck and Company Limited Lectureship
The Canadian Cancer Society, B. C. Division, Lectureship
The Vancouver Association of Insurance Women's Bursary
The British Columbia Hotels Association Scholarships
Imperial Industries Teacher Training Bursaries

On June 27th:

Surrey Co-operative Association Bursary
The American Institute of Chemical Engineers Award
The Singer Sewing Machine Company Prize
The Plimsoll Club Entrance Scholarships
The Pacific Northwest Personnel Management Association Vancouver Chapter, Scholarship (change in terms)
The Canadian Forest Products Limited Prizes and Scholarships (change in terms)
The Christmas Seal Medical Student Loan Fund

On August 1st:

The West Coast Electronic Manufacturers' Association Scholarship in Electrical Engineering
The Gilbert Tucker Memorial Prize
The Dilworth Prize in English
The Coquitlam Farmers' Institute Bursary
The Chetkow Memorial Prize
The Dr. H. T. J. Coleman Scholarship
Gilbert Tucker Memorial Summer Session Prize
The Vancouver Festival Society Scholarships
Northern Electric Fellowship
The Vancouver Secondary Women Teachers Scholarship
Canadian Broadcasting Corporation Awards for Radio and Television Plays.

Report on Registration, Summer Session, 1955

A report dated August 26th was received from the Registrar, giving comparative figures of Summer Session Registration in credit courses for the years 1948 to 1955. An increase from 1,161 in 1954 to 1,434 in 1955 was noted. Also received was a report on attendance at Summer School Activities under the Department of University Extension for 1955, indicating an increase in enrolment from 484 in 1954 to 505 in 1955.

Dean Chant presented a report by Dr. Argue, Director of Summer Session, giving a brief analysis of the summer programme. It was noteworthy that the percentage of teachers had increased to 64% of total enrolment in contrast to approximately 50% in the years immediately following the war. Distribution of students on the basis of years and of home address was quite gratifying. Of the 66 instructors, 27 were visitors, including one from Great Britain and eight from the United States. Dr. Argue's report also commented on the

varied programme of extra-curricular activities.

Dean Chant)
Dean Gage) That the report on Summer Session be adopted.

Carried.

From the Faculties

Examination Results, Summer Session, Including Candidates for Degrees in the Faculty of Arts and Science

A list of candidates who had completed the requirements for degrees in the Faculty of Arts and Science, at the Summer Session, was received from the Secretary of the Faculty. It was noted that nearly as many students had qualified for the Bachelor of Education degree (53) as for the Bachelor of Arts (64).

Dean Chant)
Dean Gage) That Senate approve the awarding at the October Congregation of the degrees of Bachelor of Arts, Bachelor of Education, Bachelor of Home Economics and Bachelor of Physical Education as recommended by the Faculty of Arts and Science, and that it be left to the Chairman of Senate to approve any alterations that may be necessary in listings.

Carried.

Recommendation that Certain Students be Required to Withdraw

A list dated August 26th was received of students who had failed twice in succession in the work of the same year, or who had failed in the First Year of Medicine.

Dean Chant)
Mr. Soward) That the students listed be required to withdraw from the Faculty or School, subject to reconsideration on the basis of any further information which may be forthcoming.

Carried.

Extra-Mural Courses, 1955-56

A recommendation was received from the Faculty of Arts and Science that the following extra-mural courses be offered in the Session 1955-56:

At U.B.C.	Social Work 505, Social Work 506, French 210, History 312, Mathematics 202, Psychology 202, Philosophy 302, Anthropology 200, English 200, English 432, Education 550, Education 551, Education 575, Education 581;
At New Westminster	Education 510, Education 513;
At Victoria	Education 531, Education 532.

Dean Chant)
Dean Gage) That the Extra-Mural Courses recommended for the 1955-56 Session be approved.
Carried.

From the Joint Board of the College of Education

Dean Gage reported that several meetings of the Joint Board had been held since the last Senate meeting, and in particular that the sub-committee on curriculum was making excellent progress, with considerable unanimity. The following recommendations from the June 27th meeting of the Joint Board were presented in reference to the programmes to be offered by the College:

"1. That the minimum secondary programme should be five years;
2. That the minimum elementary programme should be four years;
3. That one year of post-graduate training for secondary teachers should be provided as at present; and
4. That provision should be made, as at present, for graduate study in Education."

Dean Gage)
Dean Chant) That the foregoing recommendations be approved.

Carried.

Dean Gage also referred to a recommendation in reference to the degrees to be offered. Senate agreed to his suggestion that this question be tabled for the time being.

Reports of Committees

Prizes, Scholarships and Bursaries

Awards

Lists Nos. 2, 3 and 4, dated May 31st, June, and July 20th, respectively, of awards of fellowships, scholarships, prizes and bursaries, were circulated for the information of Senate.

Dean Gage)
Dean Curtis) That the students whose names appear on these Lists Nos. 2, 3 and 4 be granted the awards for which they are recommended.

Carried.

It was recommended that for this year a Special Scholarship of $400.00 be provided from the University Scholarship Trust Fund for the student with highest standing in the New Westminster area for the high school examinations, who had been omitted from the previous awards.

Dean Gage)
Mr. Knapp) That for this year the Special Scholarship from the University Scholarship Trust Fund be established.

Carried.

Postponements of Awards

Requests for postponement of awards until

September, 1956, were received from: Wayne Ronald Irvine - British Columbia Electric Railway Company Limited Proficiency Scholarship; Peter Batchelor - Schlage Lock Company Scholarship; Gary Bruce Gibson - Crown Zellerbach Canada Limited Scholarship No. 2. It was also noted that the Vancouver Registered Nurses' Award for Clinical Supervision awarded to Barbara Elizabeth Blackwood may be claimed within a period of three years.

Dean Gage)
Dr. Sage) That the appropriate postponement of award be granted in each case.

Carried.

New Awards

Acceptance of the following new awards was recommended to Senate under the terms of award indicated:

The Mobil Oil of Canada Ltd. Scholarship in Engineering

This scholarship of $500.00, the gift of the Mobil Oil of Canada, Ltd., Calgary, is available in the field of Engineering with preference to Petroleum Engineering. In the event that there is no petroleum engineering class or no suitable undergraduate taking this course, preference in the following order will be given to those in Mining Engineering, Geological Engineering, Civil Engineering, Chemical Engineering, Mechanical Engineering and Electrical Engineering. The award will be available to an undergraduate who is expected to complete his undergraduate work during the period of the award. Preference will be given to a candidate who will be ready to enter industry upon completion of the work of the year. In making the award, consideration will be given not only to scholastic attainment, but also to character, personality, breadth of interest, initiative, willingness to assume responsibility and ability to co-operate with associates.

Imperial Industries Teacher Training Bursaries

Five bursaries of $400.00 each, the gift of Imperial Industries Limited, Vancouver, are available for students entering the Teacher Training course in the

fall. In selecting the recipients for these awards consideration will be given not only to financial circumstances of those who apply but also to their character and personal qualities, their academic standing, and their interest in and aptitude for teaching.

The British Columbia Hotels Association Scholarships

Two scholarships of $250.00 each, the gift of the British Columbia Hotels Association, are available for students who are residents of British Columbia and who are beginning or continuing studies in the Second or Third Year of University work. Selection of the winners will be made by the University on the basis of scholastic standing, personal qualities, and interest and participation in student and community affairs. In making the awards financial circumstances of the candidates will also be considered.

The Vancouver Association of Insurance Women's Bursary

This bursary of $75.00, the gift of the Vancouver Association of Insurance Women, is available for a woman student who is entering the University from High School in the Fall. It will be awarded by the Scholarship Committee of the University to a student who has high standing, who shows promise of success in University work, and who cannot attend the University without financial assistance.

Surrey Co-operative Association Bursary

This bursary of $300.00, given by Surrey Co-operative Association, will be awarded to a student entering the Faculty of Agriculture for the first time from the trading area of the Surrey Co-operative Association. This bursary will be awarded to an applicant who has a record of good scholastic standing. Consideration will be given to his or her agricultural background and participation in community activities. Winners of this bursary will be selected by the Joint Faculty Committee on Prizes, Scholarships and Bursaries. Application, on forms available from the Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver 8, B.C., must be made before August 15th.

The American Institute of Chemical Engineers Award

This award, donated by the American Institute of Chemical Engineers, is given in the final year to the Chemical Engineering student who, during the First and Second Years of Engineering, has received the highest scholastic rating in his courses. The award consists of a student membership in the American Institute of Chemical Engineers, a membership pin and a subscription to Chemical Engineering Progress.

The Singer Sewing Machine Co. Prize

A portable electric Singer Sewing Machine, the gift of the Singer Sewing Machine Co. (Vancouver), will be awarded to a high ranking student in the graduating class in Home Economics who has shown originality and skill in the field of clothing and who intends to enter the field of teaching. The prize will be awarded on the recommendation of the School of Home Economics.

The Christmas Seal Medical Student Loan Fund

From this fund, the gift of the British Columbia Tuberculosis Society, loans are available to deserving medical students in any year of the medical course. Terms of repayment will be recommended by the Committee after a review of the financial circumstances of the applicant.

The Plimsoll Club Entrance Scholarships

Two scholarships of $150.00 each, the gift of the Pacific Coast Terminals Co. Ltd., New Westminster, are offered to students who have completed Grade 12 or 13 and who are beginning their studies at the University of British Columbia. These awards are available for students resident in New Westminster or surrounding districts. In selecting the winner consideration will be given not only to academic standing but also to general interest and participation in school and community activities, and to the financial circumstances of those eligible. The names of the winners of these awards will be announced prior to the opening of the University session.

The West Coast Electronic Manufacturers' Association Scholarship in Electrical Engineering

A scholarship of $600.00, the gift of the West Coast Electronic Manufacturers' Association, is available for a student who has completed the Second Year of Engineering and is proceeding to the Third Year in Electrical Engineering. The award will be made to a student who has high academic standing and who shows special aptitude for, and interest in, the field.

The Vancouver Secondary Women Teachers Scholarship

This scholarship of $150.00, the gift of the Vancouver Secondary Women Teachers, is available for a woman student who is entering her final year and who proposes to take the Teacher Training course at the University in the session 1956-57, to prepare for teaching at the secondary level. The award will be made on the basis of academic ability, interest in and aptitude for teaching, and qualities of leadership. Applications on special forms must be submitted to the Dean of Administrative and Inter-Faculty Affairs not later than August 1st.

Northern Electric Fellowship

A Fellowship of $1,200.00, the gift of Northern Electric Company Limited, Montreal, is available for graduate study at the University of British Columbia in the fields of Electrical, Mechanical, Chemical Engineering or Engineering Physics. The accepted candidate must be a Canadian citizen and a graduate of a recognized University.

The Vancouver Festival Society Scholarships

Ten scholarships of $50.00 each, eight in the Summer School of the Opera and two in the Summer School of the Theatre, were donated to the Department of University Extension by the Vancouver Festival Society for work in the summer, 1955.

The Gilbert Tucker Memorial Prize

An annual prize of $25.00 is offered by Dr. and Mrs. Sydney M. Friedman in memory of Gilbert Tucker (1898-1955), who served this University as scholar, historian and teacher. It will be awarded to the leading student enrolled in History 404 (The French in North America.)

Gilbert Tucker Memorial Summer Session Prize

An annual prize of $35.00 is offered by the Summer Session Association in memory of Professor Gilbert Tucker, who served this University as scholar, historian, and teacher. The award will be made to the student enrolled in a history course in Summer Session who, in the opinion of the Department of History, is the most outstanding. It is available for students registered in the Third or a higher year who were not in attendance in the previous winter session.

The Worthington Memorial Loan Fund

This revolving loan fund was established by a bequest from the late Dr. G. H. Worthington, Vancouver, in memory of his sons, Lieutenant-Colonel Donald Grant Worthington and Major John Robert Worthington.

The Coquitlam Farmers' Institute Bursary

A bursary of $300.00, the gift of the Coquitlam Farmers' Institute is available annually in the Faculty of Agriculture. The award will be made to a student with good academic standing who is entering the final year of his course, and who, without financial assistance, would be unable to continue his studies.

The Dilworth Prize in English

A book prize, to the value of approximately $25.00, the gift of Dr. Ira Dilworth, will be awarded annually to the student who obtains the highest standing in Second Year English (English 200).

The Chetkow Memorial Prize

A prize of $100.00, established by a bequest to the University from Moe and Leah Chetkow, will be available for a student completing the final year of lectures in the course leading to the degree of M.S.W. The award will be made on the basis of proficiency in Social Work studies and on the recommendation of the School of Social Work.

The Dr. H.T.J. Coleman Scholarship

This scholarship of $100.00 is offered annually in the Summer Session, in honour of Dr. H.T.J. Coleman, who contributed greatly to the development of the

Summer School at the University. The award will be made by the Scholarship Committee to a student in the Third or higher year who has an outstanding record in one or more of the fields of Psychology, Philosophy, and Education.

The Plimsoll Club Bursary in Engineering

A bursary of $150.00, the gift of Simson-Maxwell Limited, is available to the students in the Faculty of Applied Science in a course leading to a degree in Mechanical Engineering. This award is available to a student who has satisfactory standing and who, without financial assistance, would be unable to continue his studies. The award is open to students entering the final year of the undergraduate course.

The following changes in terms of award were reported for inclusion in the Calendar:

The Socony-Vacuum Scholarship - name changed to: "The Mobil Oil of Canada, Ltd. Scholarship", and the scholarship is now to be given "solely in the field of geology" instead of "in the field of sedimentary geology".

B. C. Coast Woods Prize in Architecture and the B. C. Coast Woods Prize in Engineering are renamed "B. C. Lumber Manufacturers Association Prize in Architecture" and the "B. C. Lumber Manufacturers Association Prize in Engineering".

Shell Oil Fellowships for Research - restricted to graduates of an approved Canadian university or to graduates who have had at least one year post graduate study at a Canadian university, and who intend to follow a career in Canada.

The Carnegie Corporation Scholarships - name changed to: "Scholarships for French Canadian Studies".

The Pacific Northwest Personnel Management Association, Vancouver Chapter, Scholarship - award to be made

in the Spring rather than in the Fall.

The Canadian Forest Products Limited Prizes and Scholarships - open to students of the First, Second or Third year if candidates in the Fourth year cannot qualify.

Dean Gage)
Mr. Soward) That these new awards be accepted and appropriate letters be sent to the donors, and that the changes in terms as specified be approved.

Carried.

Dean Gage reported also the establishment of two new lectureships:

The Merck Lectures

Through the generosity of Merck and Company Limited, Montreal, an annual lectureship has been established in the Faculty of Medicine in the field of Medicine and allied sciences, including Biochemistry, Physiology, Pathology, Bacteriology, or Pharmacology.

Canadian Cancer Society, B. C. Division, Lectureship

Through the generosity of the Canadian Cancer Society, B. C. Division, a lectureship has been established in the Faculty of Medicine in the field of cancer work. The annual lecture provided by this contribution will be arranged to coincide with the Annual Meeting of the B. C. Division of the Canadian Cancer Society.

Dean Gage)
Mr. Soward) That these lectureships be accepted and appropriate letters be sent to the donors.

Carried.

Further with regard to awards, Dean Gage announced that the Canadian Broadcasting Corporation had donated two awards to students attending the summer course "Writing for Television and Radio" given by Mr. Allen.

Cominco Scholarship Plan

Dean Gage and Dr. Wright described the extended scholarship plan proposed by the Consolidated Mining and Smelting Company of Canada Limited, to commence with the 1955-56 school year. Six awards will be open for competition by sons and daughters of Cominco employees, two by all students in School Districts No. 1 to No. 11 inclusive. It is proposed that funds should be handled by The University of British Columbia but that students may, at their choice, attend other universities.

Dean Gage)
Dr. Wright) That in so far as the scholarship plan affects this University, the awards be approved, and a letter of thanks and commendation be sent to the Company.

Carried.

Canadian Industries (1954) Limited

Dean Gage reported that Canadian Industries (1954) Limited had established several fellowships for wildlife conservation research at the graduate level, and that one award had been made this year in the Department of Zoology at this University.

Dominion-Provincial Student Aid

For information of Senate, Dean Gage reported that the sum of $61,150.00 had provisionally been made available in bursaries and loans for students attending The University of British Columbia in 1955-56; and that the former policy of 60% bursary:40% loan is no longer in effect.

Honorary Degrees

Dean Chant presented a report from Dean Angus proposing that, in honour of the 25th anniversary of the teaching of Social Work in this University, honorary degrees should be conferred at the October Congregation on not more than four outstanding workers in that field. The Committee requested authorization to make arrangements with the proposed recipients after they had been decided, and to submit the names for formal approval at the next meeting of Senate.

Mr. Justice Clyne)
Dean Curtis) That the report of Dean Angus as submitted be adopted, subject to the approval of any proposed award by at least fifty percent of the members of Senate, obtained, if necessary, by telephone.

Carried.

Courses in Religion

A report and recommendations of the Senate Committee on Religious Studies were circulated at the meeting. Following considerable discussion, it was moved:

Dr. Black)
Miss Fallis) That this report be received, and the Chairman and Secretary be instructed to place it on the agenda of the next meeting of Senate for full discussion; and that in the meantime Dr. Black's Committee might consider the suggestions made by Senate and if it wished, circulate a revised draft for consideration by Senate members prior to the next meeting.

Carried.

Catholic Theological College

Minutes of a meeting held July 7th between

the University representatives and the representatives of Archbishop Duke were circulated. It was agreed that the University representatives might report to the representatives of Archbishop Duke and that the Senate receive the report of the committee with sympathetic interest in the general proposal to build a college comparable to those of the other denominations currently on the campus.

Report of Department of University Extension

The annual report of the Department of University Extension for the year 1953-54 had been circulated to Senate by mail.

Dr. Sage)
Dr. Warren) That the report be received and referred to a later meeting of Senate.

Carried.

War Memorial Book

Copies of the War Memorial Book were circulated to the members of Senate.

Dean Gage)
Dean Gunning) That Senate thank the Committee very sincerely through the Chairman for the excellent work it did in the preparation of this book.

Carried.

In view of the lack of reference to the contribution of such groups as the Women's Red Cross Corps, blood donors, etc., it was agreed that Dean Andrew be asked to report to the next meeting of Senate on the Committee's policy in regard to inclusion or omission of information supplied to it.

To facilitate distribution of the volume to those who might be interested in it, it was suggested that the Editor of the Alumni Chronicle might insert, in two or three issues of the Chronicle, an invitation to those wishing copies of the book to write to the University.

Autumn Congregation

It was reported that the date of Autumn Congregation for this year is Friday, October 28th, and it was agreed that the question of the time of the ceremony should be referred to the University Ceremonies Committee.

Victoria College Council

No report was presented since the Victoria College Council had not met during the summer.

Correspondence

School of Music and School of Physiotherapy

It was reported for information of Senate that numerous letters and petitions had been received urging the establishment at this University of a School of Music and a School of Physiotherapy, and that all such letters are given sympathetic acknowledgment by the President's Office.

Other Business

A report was received from Dean Allen on the conservation workshop and Junior Forest Wardens' camp held at the University Research Forest this summer. Dean Eagles

reported on a workshop in vocational agricultural education.

President's Report, 1953-54;
Publications of Faculty and Staff, 1953-54;
Annual Report on Educational Programme
for British Columbia Fishermen, 1954-55

Copies of the President's Report and the report of Faculty publications, both for 1953-54, and the report on the educational programme for B. C. Fishermen for 1954-55, were distributed to members of Senate. It was agreed that these should be left for comments, if any, at the next meeting of Senate.

Death of Dr. McGuire

The Chairman referred to the death on July 2nd of Dr. G. A. McGuire, former Provincial Secretary, and a member of the University Senate from 1916 to 1917; and asked the Secretary of Senate in consultation with the Committee on Memorial Minutes to prepare a suitable statement for insertion in the minutes.

The Chairman also mentioned the deaths of Dr. Gilbert Tucker and of Chief Justice W. B. Farris, and the disappearance of a plane on which Mr. Milton Owen was a passenger.

In commenting on honours and special appointments during the summer for members of Board, Senate and Faculty, the Chairman referred to:

Chancellor Lett - Chief Justice of the Supreme Court of B.C.

Mr. Justice Coady - appointed to Court of Appeal

Dr. A. E. Grauer - member of Royal Commission to investigate the economic future of Canada

Dr. A. D. Scott - technical staff of this Royal Commission

Dean Angus - Chairman of Public Utilities Commission

Professor Soward - invitation to make four weeks' study tour of the Federal Republic and West Berlin as a guest of the German Government

Dr. Shrum - invitation to represent British Columbia in an exchange of information with West Germany

Dr. J. L. Robinson - President of the Canadian Association of Geographers

Dr. Copp and Professor Forward - delegates to "Atoms for Peace" Conference in Geneva

Drs. Derry and Hoar - Fellows, Royal Society of Canada

Drs. Kerr and Strong - Honorary Fellows of the Royal College of Physicians of London

Father Carr - Honorary LL.D. from Assumption College in Windsor.

Colonel Logan expressed the Senate's appreciation of the honour done to the University and its President in the granting of an LL.D. to Dr. MacKenzie by the University of Sydney.

The motion to adjourn was carried.

Charles B Wood

Secretary.

Norman MacKenzie

Chairman.