The third regular meeting of the Senate of the University of British Columbia for the Session 1957-58 was held on Wednesday, February 12th, 1958, at 8:00 p.m., in the Board and Senate Room, Administration Building.

Present: Acting-President G. C. Andrew (in the Chair), Dean G. S. Allen, Mrs. H. F. Angus, Mr. C. B. Bourne, Mr. J. M. Buchanan, Dr. J.J.R. Campbell, Very Rev. H. Carr, Mr. A.W.R. Carrothers, Dean S.N.F. Chant, Miss Mollie Cottingham, Dr. I. McT. Cowan, Mr. L.G.R. Crouch, Dean G. F. Curtis, Mr. G. D. Darling, Dean B. A. Eagles, Miss M. M. Fallis, Dr. J. G. Foulks, Dr. S. M. Friedman, Dean W. H. Gage, Mr. B. C. Gillie, Mr. H. C. Gilliland, Mr. C. C. Gourlay, Dean H. C. Gunning, Dr. W. H. Hickman, Dr. R. D. James, Dr. F. H. Johnson, Dr. J.E.A. Kania, Mr. J. S. Keate, Mr. F. M. Knapp, Col. H. T. Logan, Dr. M. F. McGregor, Dean E. D. MacPhee, Dean A. W. Matthews, Dean M. D. Mawdsley, Mr. F. A. Morrison, Mr. N. T. Nemetz, Dr. F. Noakes, Dean J. W. Patterson, Mrs. L. E. Ranta, Dr. W. N. Sage, Dr. B. Savery, Dean N. V. Scarfe, Dean G. M. Shrum,Dean F. H.Soward, Rev. H. F. Woodhouse, Dr. C.A.H. Wright, Dr. S. H. Zbarsky, Dr. J. K. Friesen and Mr. N. Harlow.

Messages of regret for their inability to be present were received from President N.A.M. MacKenzie, Mr. K. P. Caple, Mr. J. V. Clyne, Mr. L. J. Ladner, Dr. F. P. Patterson, Mr. P. J. Sharp, Dr. R. F. Sharp, Rev. W. S. Taylor, Dr. H. V. Warren, Mr. A. A. Webster and Mr. L.G.J. Wong.

Minutes of the Meeting of December 11th, 1957

Dr. Kania)
Dean Curtis) That the minutes of the second regular meeting of Senate for the Session 1957-58, held on December 11th, 1957, having been circulated, be taken as read and adopted.
Carried.

Minutes of the Special Meeting of January 21st, 1958

Dean Soward)
Dean MacPhee) That the minutes of the special meeting of Senate with regard to Honorary Degrees, held on January 21st, 1958, having been circulated, be taken as read and adopted.
Carried.

Statement of Appreciation for the Service of Miss D. Jefferd

The Secretary read the following statement of appreciation for the service rendered by Miss D. Jefferd to the Library, prepared by Dr. Hickman in accordance with the wish of Senate at its previous meeting:

> The members of the Senate of the University of British Columbia, hearing the tributes that have been accorded Miss Dorothy Jefferd at the time of her retirement, wish to express their sincere appreciation of her lifetime of excellent service to the University Library. Miss Jefferd joined the Library staff in January, 1915, before the Library had any books and, indeed, before the opening of the University. She herself unpacked and catalogued the first shipment of books to arrive on the campus, and from then until her retirement in 1954 she either catalogued or supervised the cataloguing of every volume in the University collections. After retirement as Head of the Catalogue Division she continued in the department as a senior librarian until July, 1957, completing in all over forty-two years of service.
>
> Dorothy Jefferd's record of accomplishment has

spanned the whole history of the University Library. She has seen it develop, and in no small measure helped it develop, from a "box of books" into a great academic institution. Her skill and devotion have made an important contribution to the growth of the University.

The members of the Senate, in thanking Miss Jefferd for all that she did for this University, wish her good health and happiness during many years of retirement.

Dr. Hickman)
Mr. Gillie) That the foregoing statement of appreciation be spread on the minutes of Senate, and a copy sent to Miss Jefferd.

Carried.

Notice of Appointment of Committees

For information of the members of Senate, the Secretary read the names of appointees to committees constituted by the Chairman, as requested at the previous meeting of Senate:

COMMITTEE ON POSSIBLE AFFILIATION OF BAPTIST COLLEGES

Dean E. D. MacPhee (Chairman)
Miss M. M. Fallis
Dr. M. F. McGregor
Dr. R. F. Sharp
Rev. W. S. Taylor

COMMITTEE ON PROPOSED DIVISION OF DEPARTMENT OF PHILOSOPHY AND PSYCHOLOGY

Dean S. N.F. Chant (Chairman)
Dr. B. Savery
Dean N. V. Scarfe
Mr. C. C. Gourlay
Dean G. F. Curtis

COMMITTEE ON METHODS OF INSTRUCTION

Dean S. N. F. Chant (Chairman)
Dr. S. A. Jennings (Co-Chairman and Secretary)
Dean W. H. Gage
Mrs. H. F. Angus
Mr. A. A. Webster
Dean H. C. Gunning
Dr. R. D. James
Dean G. C. Andrew
Dr. M. F. McGregor
with power to add.

COMMITTEE ON PERSONNEL DEPARTMENT STATISTICAL REPORT

Dean S. N. F. Chant (Chairman)
Dean W. H. Gage
Dr. S. A. Jennings

COMMITTEE ON LETTER RE CONTENTS OF PROPOSED ADDITIONS TO CURRICULUM IN THE FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION

Dean W. H. Gage (Chairman)
Dean G. F. Curtis
Mr. J. Deutsch
Dr. I. McT. Cowan.

From the Board of Governors

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

Notice was received that the Board ofGovernors, at its meetings on December 30th, 1957 and January 27th, 1958, had approved the following new awards and changes in awards, subject to approval of Senate:

Attending Medical Staff, British Columbia Cancer Institute, Bursaries

The Borden Company, Limited, Prize in Paediatrics

The B-Wys Scholarships in Physical Education

Mead Johnson of Canada Ltd. Prize in Paediatrics

The Price Waterhouse and Co. Service Award

British Columbia Psychological Association Bursary - increase in value for 1958-59

Kiwassa Club of New Westminster Scholarship - increase in value for 1958-59

Kerrisdale Chapter I.O.D.E. Bursary - increase in value for 1958-59

Sir Anthony Eden I.O.D.E. Bursary - increase in value for 1958-59

University Nurses' Club Scholarship - increase in value

Chris Spencer Foundation Special Scholarships - increase in value

Chris Spencer Foundation and University Scholarships for University Entrance - increase in value

Ayerst, McKenna and Harrison Limited Scholarship - change in terms

Engineering Institute of Canada Prize - increase in value

The Canadian Industries Limited Fellowship - increase in value

The Timber Preservers Limited Prizes - increase in value for 1958-59

The Valcartier Camp Chapter, I.O.D.E., Bursary - increase in value for 1958-59.

It was noted that details would be presented by Dean Gage in the report of the Committee on Prizes, Scholarships and Bursaries.

New Loan Funds and Changes in Loan Funds

For information of Senate, the Board reported approval of the following new loan funds and changes in loan funds:

Mr. and Mrs. P. A. Woodward's Foundation Medical Students Fund

Walter D. Frith Student Aid Fund - further donation

University Student Assistance Fund - change in terms

British Columbia Tuberculosis Society Christmas Seal Bursary Fund - balance consolidated with Christmas Seal Medical Student Loan Fund.

From the Joint Board of the College of Education

At the request of the Chairman, Mr. Parnall summarized the function and activities of the Joint Board of the College of Education, since its inception in 1955.

From the Faculties and Schools

Calendar Changes for 1958-59

Proposed Calendar changes in all Faculties for the Session 1958-59 had been circulated in mimeographed form.

Faculty of Graduate Studies

Dean Gage drew attention first to the new programmes proposed in the Faculty of Graduate Studies.

Dean Gage)
Dean Shrum) That Senate approve the offering of a Ph.D. degree in English in the Faculty of Graduate Studies.

Carried.

Dean Gage)
Dean Shrum) That Senate approve the offering of a Ph.D. degree in Chemical Engineering in the Faculty of Graduate Studies.

Carried.

Dean Gage)
Dean Shrum) That Senate approve in principle the offering of the degree of Master of Physical Education in the Faculty of

Graduate Studies, details of the programme to be submitted to Senate for consideration at a later meeting.

Carried.

Changes in courses recommended by the Faculty were as follows:

Mathematics 518 (2) - expanded to two courses:
Mathematics 518 (2) - Probability
Mathematics 519 (2) - Statistics
Education 531 - discontinued
Physics 532 (1) - expanded to Physics 532 (2) - Geophysics
Civil Engineering 556 (2) - expanded to C.E. 556 (3) - Inelastic Bending and Limit Design
Biochemistry 500 (2) and Dairying 501 (3) - to be combined into one 3-unit course, presented jointly by the two Departments, entitled Topics in Intermediary Metabolism - course number to be reported by Dean Gage in due course
Botany 514, 519 - discontinued
Zoology - programme revised in an effort to eliminate overlap of course work and duplication of effort. Graduate courses assigned the following numbers, with unit value and description as submitted: 500, 501, 502, 503, 504, 505, 506, 507, 508, 510, 511, 512, 515, 516, 517, 519, 520, 521, 522, 523, 524, 530, 531, 532, 549, 649.

The following new courses were recommended:

Mathematics 524 (2) - Operational Calculus
Mathematics 525 (2) - Celestial Mechanics
Chemistry 525 (1) - Crystal Structure
Chemistry 544 (1) - Chemistry of Polysaccharides
Geography 504 (1½) - Problems in Settlement Geography
Physics 533 (2) - Isotope Geology
Physics 541 (1) - Geomagnetism
Physics 542 (1) - Seminar in Modern Aspects of Geophysics
Electrical Engineering 571 (1) - Electrical Engineering Seminar
Civil Engineering 560 (2) - Geodesy
English 501 (3) - Bibliography and Methods
English 649 - Ph.D. Thesis
Romance Studies - selection from the following to be made from year to year as required - courses principally in French (unit value and description as submitted): 500, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516 (Italian), 517 (Spanish), 518, 520, 521, 649
Zoology 508 (2) - Comparative Endocrinology (not offered in 1958-59).

Dean Gage commented also on minor editorial

changes recommended, and the transfer of Master's work in Physiology from the M.A. to the M.Sc. programme.

Dean Gage)
Dean Shrum) That the changes recommended in graduate programmes and Calendar material for the Faculty of Graduate Studies for the Session 1958-59 be approved.

Carried.

Faculty of Arts and Science

Changes in undergraduate courses in the Arts and Science section of the Calendar material were recommended as follows:

Courses Discontinued

Biology 501 (3) - Intermediary Metabolism and Biological Oxidations
Chemistry 411 (1) - History of Chemistry
Chemistry 420 (2) - Demonstration Techniques
Drama and Speech - replaced by entry under Theatre
Economics 305 (3) - Economic History of the United States
History 417 (3) - Economic History of Western Europe since 1500
Physics 203 (3) - Intermediate General Physics
Physics 303 (3) - Elementary Modern Physics
Political Science 440 (3)- Honours Seminar

Courses Renumbered or Revised

Chemistry 101 - divided into groups, 101 and 102
Biology 304 - transferred to Zoology as Zoology 303
Botany 500 - changed to a 400 course
Economics 300 - renumbered Economics 308
Economics 301 - replaced by new course 300 (3) - Intermediate Economic Analysis
Economics 302 - replaced by new course 400 (3) - Advanced Economic Analysis
English 421 - transferred to Theatre as Theatre 200
English 422 - transferred to Theatre as Theatre 300
History 210 - transferred to Religious Studies as Religious Studies 210
History 305, 316, 428 - titles changed
Mathematics 101 - divided into two groups, 101 and 120
Mathematics 202 - divided into two groups, 202 and 220
Mathematics 303 - replaced by Mathematics 203
Mathematics 441 - title changed
Physics 100 and 101 - amalgamated into Physics 101

Political Science 200, 310, 330, 400, 420, 435 - renumbered 201, 302, 300, 401, 404, 403 respectively
Psychology 203, 302 - renumbered 315, 204 respectively
Religious Studies - numbers assigned to courses approved in 1957: 300 - Great Religions of the World; 305 - Patristic Literature
Zoology - general reorganization of courses, reducing undergraduate courses from 66 to 52 units to balance increase in graduate courses from 34 to 50 units.

New Courses

Asian Studies 201 (3) - Intermediate Chinese
Asian Studies 300 (3) - Modern Japanese Prose
Asian Studies 440 (3) - Honours Seminar
Asian Studies 449 (3) - Graduating Essay in Honours
Chemistry 203 (2) - Organic Chemistry
Chemistry 303 (1) - Theoretical Organic Chemistry
Economics 408 (3) - Economics of Natural Resources
English 300 (3) - English Composition (for credit in Education)
Fine Arts 404 (3) - Essay (for credit in Education)
Fine Arts 406 (3) - History and Criticism of Art
Fine Arts 413 (3) - Ceramics and Modelling III (for credit in Education)
Fine Arts 415 (3) - Design III (for credit in Education)
Fine Arts 417 (3) - Graphic Arts III (for credit in Education)
Italian 200 (3) - Second Year Italian
Mathematics 221 (2) - Algebra and Geometry
Mathematics 412 (3) - Topics in Analysis
Physics 201 (2) - Intermediate Physics
Physics 430 (3) - Recent Developments in Physics (for credit in Education)
Political Science 400 (3) - Modern Political Theory
Theatre 400 (3) - Play Direction and Staging
Theatre 410 (3) - Forms of Theatre (alternate years)
Zoology 302, 401, 414 - composed of subject matter largely withdrawn from present courses.
Religious Studies 200 (3) - The Legacy of the Old Testament

The Senate appointed Dean Gage (Chairman), Dr. James, Dr. McDowell, Dean Shrum and Dean Gunning a sub-committee to consider the unit value of Chemistry 203 in relation to the hours required for lectures and laboratory, in comparison with other courses in Chemistry and courses in other Departments. The sub-committee was empowered

to reach agreement on this question for 1958-59, and to report back to Senate at the next meeting.

Schools within the Faculty of Arts and Science

Changes recommended in Calendar material for the School of Home Economics were largely necessitated by long-term modifications introduced in 1957-58. These included changes in unit values and in course descriptions, and the re-introduction of Home Economics 102 and 304.

Calendar changes for the School of Physical Education were of a minor nature.

In the School of Social Work, courses 503 and 504 were each changed from 1½ to 3 units, with change of title, and courses 513, 518 and 580 were discontinued.

Dean Gage was asked to verify the unit value of Zoology 401 (indicated as 2 units), and to take up with the School of Home Economics the question of whether Zoology 303 was essential or merely "desirable" as prerequisite to Home Economics 310.

Dean Gage)
Dean Chant) That, subject to the above qualifications, the Calendar material for the Faculty of Arts and Science for the Session 1958-59 be approved as presented.

Carried.

Faculty of Applied Science

Changes recommended in Calendar material for Applied Science included revisions in course descriptions and in requirements for certain options, and addition and

deletion of courses as listed:

Courses Discontinued

Chemical Engineering 560
Civil Engineering 475
Electrical Engineering 365
Metallurgy 355, 472, 478, 552, 573, 578
Mining 351

New Courses

Chemical Engineering 699 - Thesis for Ph.D. degree
Economics 450 - Economics
Electrical Engineering 371 - Engineering Electrodynamics
" " 373 - Experimental Laboratory I
" " 471 - Energy Conversion
" " 473 - Experimental Laboratory II
" " 571 - Electrical Engineering Seminar
Mechanical Engineering 357 - Production Methods
Metallurgy 353 - Metallurgical Calculations I
" 376 - Physical Metallurgy
" 377 - Physical Metallurgy Laboratory I
" 477 - Physical Metallurgy Laboratory II.

Dean Gage)
Dean Gunning) That the Calendar material for the Faculty of Applied Science for the Session 1958-59 be approved as presented.

Carried.

School of Architecture

Calendar changes recommended for the School of Architecture were of a minor nature.

Dean Gage)
Dean Gunning) That the changes in Calendar material for the School of Architecture for the Session 1958-59 be approved as listed.

Carried.

School of Nursing

The one minor change recommended in Calendar material for the School of Nursing had been approved by Senate at its meeting in May, 1957. Dean Gage commented

that changes in curriculum might be recommended later as a result of discussions in progress with the Vancouver General Hospital.

Faculty of Agriculture

Dean Gage mentioned that the Faculty of Agriculture was recommending changes in its regulations with regard to supplemental examinations, similar to regulations in effect for the Faculty of Arts and Science. The following revisions in courses were recommended:

Animal Husbandry 406 - discontinued
Dairying 430 - renumbered Dairying 423
Dairying 432 - renumbered Dairying 430
Dairying 431 - discontinued
Poultry Science 301 - discontinued
Poultry Science 415 - expanded to two courses:
  Poultry Science 414 - Hygiene
  Poultry Science 415 - Poultry Diseases
Soil Science 212 - renumbered Soil Science 315
Soil Science 403 - renumbered Soil Science 313
Soil Science 405 - expanded to two courses:
  Soil Science 305 - An Introduction to Laboratory Methods for studying the Physical and Chemical Properties of Soils
  Soil Science 405 - Methods for studying the Physical and Chemical Properties of Soils.

New Courses

Agricultural Economics 530 - Directed Studies
Soil Science 406 - Soil-Plant Relationships.

Dean Gage)
Dean Eagles) That the Calendar material for the Faculty of Agriculture for the Session 1958-59 be approved as recommended.
Carried.

Faculty of Law

Dean Gage stated that the Faculty of Law, in common with other Faculties of Law across Canada, had been

considering entrance and admission requirements. The Faculty recommended that students entering after successful completion of part of the course leading to the degree of Bachelor of Arts should be required to have completed the first three years of this course, and either obtained an average of not less than 65% in the regular sessional examinations of the Third Year, or obtained an average of not less than 60% in the combined results of the regular sessional examinations of the Second and Third Years; this change in admission requirements to become effective in September, 1959.

Dean Gage)
Dean Curtis) That the changes in Calendar material for the Faculty of Law for the Session 1958-59 be approved as recommended.
Carried.

Faculty of Pharmacy

The recommended changes in Calendar material for the Faculty of Pharmacy included a note that the Canadian Conference of Pharmaceutical Faculties had increased the minimum standard to four years of academic study beyond Senior Matriculation or First Year Arts and Science, and had recommended that this programme be adopted by member colleges not later than 1960.

The Faculty of Pharmacy was accordingly making provision for a four-year programme, for which a tentative outline was circulated. It was noted that this programme would enable students to take additional non-science

electives. An optional First Year programme, effective September, 1958, for students contemplating the four-year programme, was recommended.

Dean Gage pointed out a change recommended in the regulations with regard to supplemental examinations.

The Faculty of Pharmacy also recommended a change in title and description of Pharmacy 473.

Dean Gage)
Dean Matthews) That the Calendar material for the Faculty of Pharmacy for the Session 1958-59 be approved as recommended.
Carried.

Faculty of Medicine

The Faculty of Medicine recommended deletion of English 200 from Pre-medical requirements (corresponding to requirements for the Bachelor of Science) and changes in the following courses:

Public Health 400 - discontinued
Social and Cultural Values 400, 425 and 450 - discontinued
Medicine 427 - renumbered Medicine 452
Pathology 425 - renumbered Pathology 400
Public Health 426 - renumbered Public Health 401.

New courses recommended, under a listing "Inter-departmental Requirements", were:

400 - Clinical Session
425 - Projects
475 - Thesis.

The Faculty recommended that students in the First Year not qualifying for supplemental examinations under existing regulations, might be permitted to write supplemental examinations if their attendance record was

satisfactory, but in this case they would be required to write such examinations in all the subjects of the First Year.

Dean Gage)
Dean Patterson) That the changes in Calendar material for the Faculty of Medicine for the Session 1958-59 be approved, as recommended.

Carried.

Faculty of Forestry

Calendar changes recommended for the Faculty of Forestry consisted of changes in title, or modifications in options resulting from changes in previous years.

Dean Gage)
Dean Allen) That the Calendar material for the Faculty of Forestry for the Session 1958-59 be approved, as presented.

Carried.

College and Faculty of Education

The Calendar material proposed for the College and Faculty of Education included a statement of regulations in regard to examinations and advancement, standing and credit, and supplementals, to permit the printing of a separate section of the Calendar for prospective students in Education. Recommendations for curricula in new majors were presented, and the following recommendations with regard to changes in courses:

Education 531 - renumbered Education 331
Education 415 - change in title
Education 102 and 201 - combined.

New Courses

Mathematics 203 - compulsory for Second Year of B. Ed. (Elementary Field) programme
English 300 - English Composition
Education 306 - Curriculum and Instruction in School Health Education
Education 230 - Electricity in Industrial Arts
Education 252 - Draughting in the Industrial Arts
Education 454 - Pattern making and Foundry Practice
Education 455 - Small Boat Building
Education 456 - Advanced Carpentry
Education 457 - Industrial Arts Workshop
Education 409 - Special Problems in Home Economics Education.

It was agreed that Dean Gunning should verify that courses proposed in Industrial Arts would not duplicate those at present offered by the Faculty of Applied Science.

Dean Gage)
Dean Scarfe) That the Calendar material for the College and Faculty of Education for the Session 1958-59 be approved, as recommended.

Carried.

A suggestion from Dr. Friedman that Senate should try to establish uniformity in the maximum number of units of vocational courses for which credit is allowed towards a Bachelor's degree in the various Faculties, was referred to the Committee to Organize the Work of Senate.

Faculty of Commerce and Business Administration

The Faculty of Commerce and Business Administration recommended that the option in Hospital Administration, and the course Commerce 594 in that option, be suspended; that Commerce 458 be reduced from 3 to 2 units; and that a course in Sales Management be re-instated as Commerce 462.

In the graduate programme, the Faculty recommended that Commerce 551, 552, 553, 554, 555, 576 and 577 be re-valued from 1 to 1½ units each, and that Commerce 561, 565, 566 (1 unit each) be replaced by Commerce 562 and 564 (1½ units each).

Dean Gage)
Dean MacPhee) That the Calendar material for the Faculty of Commerce and Business Administration for the Session 1958-59 be approved, as recommended.

Carried.

Dean Gage)
Dean Soward) That, subject to review of the various points indicated, the Calendar material and the changes in Calendar for the Session 1958-59 be approved, and that the Chairman of the Calendar Committee be authorized to make minor editorial changes as necessary after consultation with the Chairman of Senate, the Registrar, and the Deans concerned.

Carried.

University Faculty Policies on Student Withdrawals at Christmas

For information of the Senate, Mr. Parnall read the recommendations of the Committee on Christmas Examinations, as approved by Senate in May, 1948. The policy adopted at that time of permitting students with unsatisfactory standing to remain until the conclusion of the academic year, even if they had been advised to discontinue, had been followed. However, slow return of marks to the Registrar's office after the examinations, and the greatly increased volume of work in that office, delayed the compilation of student

results, so that in general information was not available to the Deans in time for them to advise students effectively.

Mr. Parnall suggested that one remedy might be to give examination results for the freshman class (the First Year in all Faculties taking students direct from Junior or Senior Matriculation) priority over those for all other students.

Dean Gage)
Dean Curtis) That the question of speeding the processing of Christmas examination results be referred to a small committee, thence with recommendations of the committee to the various Faculties, for report and recommendations to Senate in due course.

Carried.

It was agreed that this committee might also consider a possible return to the policy of compulsory withdrawal at Christmas for students with unsatisfactory academic standing.

Reports of Committees

Prizes, Scholarships and Bursaries

Postponement of Awards

Dean Gage reported that Miss Rosemary Kent-Barber, holder of the Canadian Women's Press Club Scholarship for 1957-58, and Mr. John Frederick Davey, winner of the Ruskin Chapter, I.O.D.E., Bursary for 1957-58, had withdrawn from the University on account of illness.

Dean Gage)
Dean Chant) That the balance of these two awards be made available to the respective winners

if they are able to resume their studies in the Autumn of 1958.

Carried.

Changes in Awards

Dean Gage recommended approval of the following changes in title or terms of award:

The Ayerst, McKenna and Harrison Limited Prize (formerly The Ayerst, McKenna and Harrison Limited Scholarship)

A prize of $200.00, the gift of Ayerst, McKenna and Harrison Limited (Montreal), will be awarded to the student in the Final Year of the medical course obtaining highest standing in the combined subjects of obstetrics and gynaecology.

The British Columbia Parent-Teacher Federation Scholarship (formerly The British Columbia Parent-Teacher Federation Prize)

A scholarship of $100.00 will be given to the highest ranking student proceeding to the Faculty and College of Education from the Fourth Year of the School of Home Economics at this University. This scholarship will be awarded after the student has registered in the Faculty and College of Education.

The M. M. Weaver Prizes in the History of Medicine (formerly The M. M. Weaver Prizes in the Humanities)

A prize or prizes to the total of approximately $75.00, donated annually by Dr. M. M. Weaver, first Dean of Medicine at this University, will be awarded to the student or students who submit the best essays on some topic in the History of Medicine. It is the desire of the donor that the prizes be used by the winners for purchase of books, selected in consultation with the instructors of the courses.

The balance in The British Columbia Tuberculosis Society Christmas Seal Bursary Fund is to be transferred to The Christmas Seal Medical Student Loan Fund.

Dean Gage)
Mr. Knapp) That changes in title and/or terms of award be approved, as recommended.

Carried.

New Awards and Increases

Acceptance of the following new awards and increases in awards was recommended, under the terms indicated:

Attending Medical Staff, British Columbia Cancer Institute Bursaries

Through a gift from the Attending Medical Staff of the British Columbia Cancer Institute, bursaries to the total of $1,000.00 were offered in the academic year 1957-58 to worthy and deserving students in the Faculty of Medicine. In order that other students may be assisted in the future, those receiving awards were asked to assume a moral obligation to reimburse the fund, if and when circumstances permit, on completion of their medical training.

The Borden Company, Limited, Prize in Paediatrics

A prize of $100.00, the gift of the Borden Company Limited (Toronto), is offered annually in the Faculty of Medicine. It will be awarded annually to the student in the Third Year obtaining the highest standing in Paediatrics.

Mead Johnson of Canada Ltd. Prize in Paediatrics

A prize of $50.00, the gift of Mead Johnson of Canada Ltd., is offered annually in the Faculty of Medicine. It will be awarded to the student in the Fourth Year obtaining highest standing in Paediatrics.

The B-Wys Scholarships in Physical Education

Two scholarships of $300.00 each, the gift of the B-Wys Sales Company, were awarded in the Session 1957-58 to students in the undergraduate course leading to the degree of B.P.E. The awards were made to students whose achievements were the most outstanding. It is the hope of the donor and the University that students who benefited from this

award will reimburse the Fund after a year's employment following graduation, so that the Fund may be available in perpetuity for qualified and deserving students.

The Price Waterhouse and Co. Service Award

A service award will be offered annually by the firm of Price Waterhouse and Co., Chartered Accountants, to students intending to enter the profession of Public Accounting. It will be open, in competition, to students completing the Third Year of Commerce and proceeding to the Fourth Year. To be eligible for this award applicants must qualify in respect of academic standing, ability, aptitude and personality, and consider possible employment with the firm on graduation. By the terms of the award, the winner will be granted his tuition fees for his Fourth Year and guaranteed employment with the firm during the summer period.

Summer Session Scholarships in Personal and Business Finance

A grant for three years, the gift of the Canadian Life Insurance Officers Association and the Canadian Bankers Association, has been made to the Faculty of Commerce and Business Administration to assist teachers from the Prairie Provinces to participate in the Summer Session Course in Personal and Business Finance. In 1958, five awards will be offered for Alberta in the amount of $150.00 each, five for Saskatchewan of $200.00 each, and five in Manitoba of $250.00 each. In each Province one award will be made to an official of the Department of Education (nominated by the Deputy Minister), one to a secondary school administrator (nominated by the Deputy Minister), one to a faculty member of the College of Education (nominated by the Dean), and two to practising secondary teachers (selected by the Faculty of Commerce and Business Administration of the University of British Columbia).

The University Rod and Gun Club Prize

To stimulate interest in the field of wild life management, the University Rod and Gun Club offered a prize of $75.00 in the Session 1957-58 to students in First and Second Year Zoology. The winner was selected by the Department of Zoology on the basis of promise in the field.

Hon. W. C. Woodward University Memorial Scholarships

Two scholarships, each of the value of $500.00 and renewable annually in the same amount at the beginning of each undergraduate year (up to a maximum of five payments in all) are offered in competition to sons, daughters, and legal dependents of full-time employees, of retired employees, and of deceased employees (who died while in the service of the Company) of Woodward Stores. These scholarships are open to applicants beginning University attendance for the first time and entering the University of British Columbia (or Victoria College) from Grade XII or XIII of secondary school(or from any other source, provided they are qualified for admission). Applicants must be proceeding, in any faculty, to a full course leading to a degree. Candidates, who must apply not later than May 30th on special forms obtainable from the Personnel Department of any Woodward store, will be considered on the basis of (a) academic standing; (b) activity and interest in youth programmes and organizations (within the school and community); and (c) personal qualities, character, and demonstration, during attendance at school, of citizenship, leadership, and service. Renewals are subject to maintenance of satisfactory standing, progress, and conduct.

The British Columbia Centennial Year Scholarship

This scholarship of $1,000.00 was offered by the Imperial Order Daughters of the Empire, Provincial Chapter, to commemorate British Columbia's Centennial Year. Awarded in April, 1958, it was open in competition to candidates who in September, 1958, would be registered in the Final Year of the course leading to the degree of B.Ed. or in the one-year teacher training course for University graduates. To be eligible, an applicant was required to give an undertaking to teach for at least two years in the elementary or secondary schools of the Province. Preference was given to students planning a permanent career in either of these teaching fields. The winner was selected on the basis of academic standing, interest in and aptitude for teaching, character and personal qualities, and attainments of value in the teaching field.

The Dr. J. Meredith Graham Memorial Prize

This prize of $50.00, given as a memorial to Dr. J. Meredith Graham, will be awarded to the student in the Second Year of the Faculty of Medicine who, in the opinion of the Staff, has done the most meritorious work on the project for that year.

The Oppenheimer Bros. and Company Centennial Scholarship

Oppenheimer Bros. and Company (Food Brokers), Vancouver, in memory of Milton B. Oppenheimer, established a scholarship in 1958 to mark the Centennial of the Company, which was founded in Victoria and Yale, British Columbia, in 1858. In the amount of $500.00 annually, this scholarship is offered in competition to students in the Faculty of Commerce and Business Administration who are continuing their studies in the Final Year of the course leading to the degree of B.Com., in the field of marketing, or to graduates in Commerce pursuing study and research toward a higher degree in this field. The winner will be selected by the Faculty on the basis of academic standing, aptitude and promise in the field of marketing, and personal qualities and character.

The Upper Vancouver Island Medical Society Bursary

A bursary of $250.00, the gift of the Upper Vancouver Island Medical Society, is offered annually to a student in the Faculty of Medicine. The award will be made to a promising student who needs financial assistance to begin or continue his or her medical studies. Preference will be given to a student from the Upper Island.

British Columbia Psychological Association Bursary - increased from $50.00 to $75.00 for the Session 1958-59.

The Engineering Institute of Canada Prize - increased from $25.00 to $50.00.

The Kerrisdale Chapter, I.O.D.E., Bursary - increased from $75.00 to $100.00 for the Session 1958-59.

The Kiwassa Club of New Westminster Scholarship - increased from $150.00 to $200.00 for the Session 1958-59.

The Sir Anthony Eden Chapter, I.O.D.E., Bursary - increased from $75.00 to $100.00 for the Session 1958-59.

University Nurses' Club Scholarship - increased from $50.00 to $75.00.

Chris Spencer Foundation Scholarships for University Entrance - increased from $225.00 to $275.00 each, matching the $50.00 increase in each of the University Scholarships for University Entrance.

Chris Spencer Foundation Special Scholarships - each increased from $400.00 to $500.00 per year.

Canadian Industries Limited Fellowship - increased from $1,700.00 to $2,000.00; and the accompanying grant-in-aid from $300.00 to $400.00.

Valcartier Camp Chapter, I.O.D.E., Bursary - increased from $75.00 to $100.00 for the Session 1958-59.

Timber Preservers Limited Prizes - increased from $65.00, $45.00 and $25.00 to $75.00, $50.00 and $30.00 respectively for the Session 1958-59.

California Standard Company Undergraduate Scholarships - each (three) increased from $375.00 to $400.00 annually.

California Standard Company Graduate Fellowship - increased from $750.00 to $1,000.00 annually, with a grant-in-aid of $500.00.

The Heavy Construction Association of B. C. Scholarships (replacing $250.00 scholarship)

Scholarships to the total of $950.00, gift of the Heavy Construction Association of B. C., are open annually to students proceeding from Second and Third Year to the next year in Civil Engineering. Of these awards, two scholarships of $250.00 each will be awarded to students entering the Final Year and two scholarships, one of $250.00 and the other of $200.00, to students entering the Third Year. Selection of the winners will be made on the basis of academic standing, particularly in subjects basic to heavy construction and highway engineering, and upon ability, experience, and interest in these fields. Special consideration will be given to those students whose summer essays are on topics

related to heavy construction or highway engineering. Third Year students interested in being considered for these awards should consult the Dean of Administrative and Inter-Faculty Affairs before March 31st and Second Year students before August 1st.

Dean Gage)
Mr. Knapp) That these new awards and increases in awards be accepted as recommended, and that appropriate letters be sent to the donors.

Carried.

For the information of Senate, Dean Gage reported an anonymous donation of $500.00 to the Student Emergency Aid Fund, a donation of $500.00 to the Walter D. Frith Student Aid Fund, and the establishment of the Mr. and Mrs. P. A. Woodward's Foundation Medical Students Fund.

Committee on English-Language Problems of Foreign Students

Mr. Parnall, as Chairman of the Joint Committee on English-Language Problems of Foreign Students, amplified the report of this committee which had been circulated at the meeting. After detailed study of the report of the previous (President's) Committee on English-Language Problems of Foreign Students, the Joint Committee recommended that the following sections of that report be accepted:

1. All foreign students and students who have not matriculated from a high school where English is the language of instruction shall report for screening tests on the Friday preceding the week of registration; students who fail so to report may be denied admission to the University.

2. The Committee in charge of the Preparatory English classes shall, upon reading the screening tests, recommend as to the students' admission and to the

level and number of courses in which registration should be permitted.

3. No foreign student shall be allowed to register before he has taken the screening test.

4. A student for whom the Preparatory English course is prescribed must attend classes in this subject regularly if he wishes to continue with his University course.

5. Where advisable, a student who has completed the Preparatory English course shall be permitted to defer regular courses in English for at least one year.

6. The bulletin of "Information for Prospective Students From Other Countries" shall be revised to include the regulations embodied in this report.

The Committee recommended that further study be given to the following clauses:

1. That no application from a foreign student received after May 1 shall be accepted for the academic year beginning in the following September.

2. That all foreign students, before embarking for Canada, shall be required to write an examination in English Language.

3. That the admission of foreign students shall be based on the results of this screening test.

In addition, the Joint Committee recommended the following proposals:

1. That students, entering Canada on student visas, whose language of instruction in secondary school was not English, who are not proceeding to the study of English Literature or to the study of subjects which in the opinion of the Committee on Admissions, Standing and Courses require as prerequisites English 100 and English 200, be permitted to replace English 100 and English 200 by approved courses that will demonstrate competence in English as the language of instruction.

2. That the Department of English be not charged with the responsibility of administering the "basic English" courses specially designed for foreign students and that this Senate Committee give continuing supervision over such courses in the language of instruction for foreign students.

It was noted that all recommendations of the report applied only to undergraduate students.

Dean Gage)
Dean Chant) That Senate approve the report and recommendations of the Joint Committee on English-Language Problems of Foreign Students.

Carried.

Committee on Possible Affiliation of Baptist Colleges

Dean MacPhee as Chairman reported that this Committee was investigating the terms of affiliation of the University's present theological colleges, and the status granted by other universities to the Northwest Bible College and institutions with which it is associated.

This was accepted as a progress report.

Committee on School of Rehabilitation

A report of the Senate Committee on the Establishment of a School of Rehabilitation at the University of British Columbia, dated February 7th, 1958, had been circulated prior to the meeting. Dean Patterson stated that the community was interested in the establishment of such a school, and it was possible that funds would be available, at least to cover the salary of the Director. The Council of the Faculty of Medicine had endorsed the report and recommendations of the Committee.

Dean Patterson)
Dean MacPhee) That the Senate approve, and recommend to the Board of Governors, the establishment of a School of Rehabilitation

within the Faculty of Medicine at the University of British Columbia.
Carried.

It was noted that the further recommendations of the report, not of immediate concern to the Senate, were that a Director be obtained for the School; and that classes be started as soon as a suitable programme was worked out, a qualified staff obtained, and adequate financing assured.

Committee on University Reports

For information of Senate, the Secretary read a letter from the Committee on University Reports, approving the size and appearance of the 1956-57 Annual Report of the Librarian as an academic Report to an academic body, for distribution also to other Librarians and those professionally interested.

Summer Session Committee

Copies of the list of courses proposed for the 1958 Summer Session had been circulated at the meeting. It was noted that certain changes were contemplated in the list, and would be presented to Senate in due course.

Dean Chant)
Dr. Cowan) That the report of the Committee on Summer Session be received.
Carried.

Committee to Organize the Work of Senate

Dean Andrew stated that Mr. Clyne was prepared to

activate the Committee to Organize the Work of Senate. Members of Senate were invited to submit to Mr. Parnall as Secretary of the Committee any problems which they felt should be considered.

Committee on Letter re Contents of Proposed Additions to Curriculum in the Faculty of Commerce and Business Administration

On behalf of the Committee appointed at the last regular meeting of Senate to consider the academic worthiness of courses in estate management which the Faculty of Commerce and Business Administration proposed to add to its curriculum, Dean Gage as Chairman reported that the Committee had held one meeting. Since no new courses would be proposed until Professor White had arrived on the campus and had an opportunity to examine in detail courses now being offered by the Faculty of Commerce and Business Administration and related Faculties and Departments, the Committee had no recommendation at this time.

Dean Gage)
Dean Curtis) That this be received as a progress report.
Carried.

Committee on Honorary Degrees

Dean Soward reported on progress of the Committee on Honorary Degrees since the special meeting of Senate on January 21st, in respect to invitations sent and accepted for honorary degrees to be conferred during 1958.

Dr. J. E. Wallace Sterling, President of Stanford University, would be able to accept an honorary degree at

the Spring Congregation. Mr. Franc Joubin had agreed to deliver the Congregation Address on the day of graduations in Applied Science.

The Committee presented two further recommendations for honorary degrees, to be conferred on distinguished graduates of the University: the first, probably at the Autumn Congregation, for Dr. John H. Williams, now a Professor at the University of Minnesota; the second, at one of the Special Congregations in September, for Dean W. H. Gage.

Dean Soward)
Dean MacPhee) That Senate approve the award of appropriate honorary degrees, at suitable Congregations in 1958, to Dr. John Williams and Dean Gage.

Carried.

Advisory Committee to Sopron Division

Dean Allen reported that this committee and a sub-committee had been considering the degree to be awarded to students graduating in the Sopron Division of the Faculty of Forestry. He stated that the usual European degree in Forestry was that of Forest Engineer. After thorough investigation of the curriculum, the Advisory Committee accepted the sub-committee recommendations:

(a) That the degree of Bachelor of Science in Forestry be granted to graduates of the Sopron Division of the Faculty of Forestry;

(b) That the regular B.S.F. diploma be modified as follows for the Sopron graduates: "Sopron Division" to be inserted after "Faculty of Forestry", and "(equivalent to Okleveles erdömérnök, - Graduate Forest Engineer, - from Sopron University, Hungary)" inserted after

"Bachelor of Science in Forestry".

A sample of the modified diploma was circulated.

Dean Allen)
Mr. Knapp) That the foregoing recommendations with regard to the degree and diploma for graduates of the Sopron Division of the Faculty of Forestry be approved.

Carried.

Committee on Colours of Hoods

The Committee on Colours of Hoods recommended that, for the graduates in the Sopron Division, the regular Bachelor of Science in Forestry hood be modified by the addition of white and red cords to the green cord of the Forestry hood. It was noted that the Hungarian flag is green, red and white.

Col. Logan)
Dean Mawdsley) That the recommendation of the Committee on Colours of Hoods with regard to the hood for graduates of the Sopron Division of the Faculty of Forestry be approved.

Carried.

Committee on Department of Philosophy and Psychology

The Secretary read a letter from the Committee appointed to consider the separation of the Department of Philosophy and Psychology into two departments, recommending that such a separation be approved.

Dean Chant)
Dean Scarfe) That Senate recommend to the Board of Governors that the Department of Philosophy and Psychology be divided into a Department of Philosophy and a Department of Psychology.

Carried.

Report of the University Health Service, 1956-57 (returned to agenda)

Dr. Cowan)
Dean Gage) That the report of the University Health Service for 1956-57 be received.

Carried.

Report of the Department of University Extension, 1956-57 (returned to agenda)

Dean Gage)
Dean MacPhee) That the report of the Department of University Extension for 1956-57 be received, and a letter of commendation sent to the Director.

Carried.

Annual Congregation

The Chairman reminded the members of Senate that the dates of the Annual Congregations were Tuesday, May 20th and Wednesday, May 21st.

Victoria College Council

For the information of Senate, Dr. Hickman had distributed copies of the Victoria College Summer Session, 1958, bulletin.

Correspondence

Dr. J. K. Friesen

The Chairman summarized a letter from Dr. Friesen transmitting a suggestion of graduates in the Cariboo area that consideration should be given to geographic representation in Senate.

Dean Soward)
Dr. Sage) That this suggestion be referred to the Committee to Organize the Work of Senate.
Carried.

Mrs. Helen Robertson

A letter of appreciation from Mrs. Helen Robertson for the tribute recorded in Senate minutes to Mrs. Wesbrook, was received and filed.

Re Teaching of Music

Letters from four MacMillan Clubs and the British Columbia Parent-Teacher Federation, commending the University for expanding its programme in Music, were received for information.

Re School of Rehabilitation

A letter from the Teamsters' Joint Council No. 36 endorsed the request of the Canadian Arthritis and Rheumatism Society that a School of Rehabilitation be established at the University.

Other Business

Open House

The Chairman extended an invitation to members of Senate to attend Open House on February 28th (evening) and March 1st.

Mr. Frank Read

It was agreed that a letter of appreciation should be sent to Mr. Frank Read for his fine work as coach of the

rowing crews.

Royal Commission on Education

The Senate noted that Dean Chant had been appointed Chairman of a Commission to inquire into, assess, and report upon the provincial educational system to university level.

Conference on the Law of the Sea

Congratulations were extended to Dean Curtis on his appointment as a member of the Canadian delegation to the Conference on the Law of the Sea, to be held in Geneva during March and April, 1958.

British Columbia Atlas of Resources

A review of the British Columbia Atlas of Resources, from the January, 1958, issue of the Geographical Review, had been circulated for information of Senate.

Death of Dr. Hennings

The Chairman reported the death on January 13th, following a traffic accident, of Dr. A. E. Hennings, Professor Emeritus of Physics.

Dean Soward)
Dean Gage) That a letter of sympathy be sent to Dr. Hennings' daughter.

Carried.

University Act

The Chairman reported that an amendment to the University Act, adding to the membership of Senate two

Professors of the Faculty of Victoria College, elected by the members of the Faculty, had passed first reading in the Legislature. This amendment had been approved in principle by Senate in May, 1957.

Dr. Hickman was assured that Senate would welcome appointees under this amendment in due course.

Faculty Honours

The Chairman reported, for information, honours conferred on members of Faculty: an Honorary Fellowship in the Institute of Chartered Accountants of B. C. for Dean MacPhee; Membership in the Geological Society of Finland for Dr. H. V. Warren; Fellowship in the American Association for the Advancement of Science for Mr. J. Biely; and appointment to the Medical Advisory Board of Muscular Dystrophy Associations of America for Dr. W. C. Gibson.

Forum on the Humanities and the Social Sciences

The Chairman invited the members of Senate to a forum on the Humanities and Social Sciences, with the title "What good is a B.A.?", to be held in the Georgia Auditorium on Tuesday, March 11th. As in the case of the Forum on Science and Higher Education, this would be associated with the University Development Fund.

The meeting adjourned at 11:00 p.m.

Secretary.

Chairman.