The first regular meeting of the Senate of the University of British Columbia for the Session 1960-61 was held on Thursday, September 1st, 1960, at 8:00 p.m., in the Board and Senate Room, Administration Building.

Present: President N.A.M. MacKenzie (in the Chair), Dean G.C. Andrew, Mrs. H.F. Angus, Rev. J. Blewett, Mrs. T.R. Boggs, Mr. K.P. Caple, Dean S.N.F. Chant, Mr. M. Collins, Dr. I. McT. Cowan, Dr. G.R. Elliott, Dr. W.H. Gaddes, Dean W.H. Gage, Dr. W.C. Gibson, Mr. B.C. Gillie, Mr. H.C. Gilliland, Mr. C.C. Gourlay, Mr. G.C. Hacker, Mr. W.E. Ireland, Dr. F.H. Johnson, Dr. J.E.A. Kania, Mr. J.S. Keate, Dr. J.L. Keays, Mr. F.M. Knapp, Mr. L.J. Ladner, Mr. S.L. Lipson, Dean H. McCrae, Dean J.F. McCreary, Dr. A.D. McKenzie, Dean E.D. MacPhee, Mr. F.A. Morrison, Dean D.M. Myers, Mr. N.T. Nemetz, Mr. E.P. Nicol, Mr. H.N. Parrott, Dr. A.J. Renney, Dr. W. Robbins, Mr. J.V. Rogers, Dr. C.A. Rowles, Dr. W.N. Sage, Dean N.V. Scarfe, Dr. R.F. Sharp, Dean F.H. Soward, Mr. E.C.E. Todd, The Honourable Mr. Justice D.R. Verchere, Mr. R.T.D. Wallace, Mr. A.A. Webster, Mr. H.C. Wilkinson, Dr. S.H. Zbarsky and Mr. N. Harlow.

Messages of regret for their inability to be present were received from Dean G.S. Allen, Very Rev. H. Carr, Mr. A.W.R. Carrothers, Dean G.F. Curtis, Major H.C. Holmes, Mr. J.N. Hyland, Dean A.W. Matthews, Mrs. F.M. Ross, Dean G.M. Shrum, Rev. W.S. Taylor, Dr. G.M. Volkoff, Dr. R.W. Wellwood and Dr. D.M. Whitelaw.

New Members

The new members of Senate for the ensuing three-year term were introduced and welcomed to the meeting. The Chairman expressed appreciation for their willingness to serve the University in this way.

Minutes of the Previous Meeting

Dean Soward)
Dean MacPhee) That the minutes of the fifth regular meeting of Senate for the Session 1959-60, having been circulated, be taken as read and adopted.

Carried.

Report on Senate Elections, May 31st, 1960

The Secretary read a summary of the report of the *Scrutineers on the Senate Election, and the names of candidates elected. It was agreed that, as was customary, the full report should be included in the minutes.

"The Senate Election for 1960 was held on May 31st, in conformity with the University Act and the regulations of the Senate in reference thereto.

The Chancellorship of the University having been filled by the re-election by acclamation of Dr. Albert Edward Grauer, no ballot was received for that office.

The total number of ballots received for Members of Senate was 7,188. Of these 7,166 were valid, 15 could not be identified, and 7 were spoiled.

We have counted the votes in the above-mentioned valid ballots and find the following to be the result:

*W. Robbins, R. D. James, Barnett Savery, L.G.R. Crouch, Jack J.R. Campbell

Candidates Elected		Number of Votes Received
1.	Nicol, Eric P.	5,453
2.	Keate, J. Stuart	5,001
3.	Ireland, Willard E.	4,506
4.	Caple, Kenneth P.	4,149
5.	Ross, Phyllis G. (Mrs. F. M.)	3,942
6.	Keays, John L.	3,933
7.	Boggs, Mary P. (Mrs. T. R.)	3,887
8.	Webster, Arnold A.	3,879
9.	McTaggart-Cowan, Ian	3,861
10.	Rogers, Joseph V.	3,841
11.	Angus, Annie M. (Mrs. H. F.)	3,436
12.	Kania, Joseph E. A.	3,412
13.	Sage, Walter N.	3,390
14.	Verchere, The Hon. Mr. Justice David R.	3,285
15.	Hacker, George C.	3,279
	Candidates Not Elected	
16.	Dawe, Arthur P.	3,266
17.	Campbell, Charles McK. Jr.	3,063
18.	Banfield, W. Orson	3,062
19.	Warren, Harry V.	3,014
20.	Logan, Harry T.	2,990
21.	Jack, Wilfred R.	2,817
22.	Ranta, Pauline K. (Mrs. L. E.)	2,700
23.	Ormsby, Margaret A.	2,588
24.	Brown, Joseph F.	2,569
25.	Fallis, Mary M.	2,501
26.	Macdonald, Alexander B.	1,804
27.	Watson, Charles C.	1,684
28.	Hooley, Agnes (Mrs. J. G.)	1,534
29.	Fisher, Lois M. (Mrs. A. W.)	1,495
30.	Harris, Mrs. Clare B.	1,206."

The Chairman commented that, in the event of a vacancy occurring among the elected membership prior to the next election, the candidate with the largest number of votes among those not elected would be invited to fill the vacancy.

He explained also that, in view of his heavy responsibilities in connection with the Board of Governors, the Chancellor of the University was not often able to attend the meetings of Senate, although he was an ex-officio member.

Notice of Appointment of Representatives on Senate

Alumni Association Board of Management

Notice was received that the Alumni Association had appointed as the three representatives of its Board of Management on Senate: Mr. J. N. Hyland, Mr. N. T. Nemetz and Mr. M. Collins. The term of appointment was 1960-63, but the Association might make changes at its annual meetings during that term.

Anglican Theological College of British Columbia

Notice was received that the Anglican Theological College of British Columbia had appointed its new Principal, Reverend J. Blewett, as its representative on Senate for the three years commencing May 28th, 1960.

Union College of British Columbia

Notice was received that Union College had re-appointed Rev. W. S. Taylor as its representative on Senate for the three-year term commencing in May, 1960.

Membership of Committees

Established on Recommendation of the Committee to Organize the Work of Senate

For the information of new members of Senate, the Chairman referred to the recommendations of the Committee to Organize the Work of Senate, which had been approved at the previous meeting. The Secretary then read the following

suggestions as to membership of the resultant new committees:

Executive Committee

Mr. J. N. Hyland)
Dr. R. F. Sharp) Three non-faculty members
Mrs. H. F. Angus)

Mr. A.W.R. Carrothers) Two elected representatives
Dr. G. M. Volkoff) of Faculties

President N.A.M. MacKenzie)
Dean G. C. Andrew)
Dean W. H. Gage) Ex-officio
Dean S.N.F. Chant)
Mr. J.E.A. Parnall)
Chancellor A. E. Grauer)

Examinations Committee

Dr. R. D. James)
Dr. G. M. Volkoff)
Mr. F. A. Morrison) Five Faculty members
Dr. W. Robbins)
Dr. W. C. Gibson)

Dr. R. F. Sharp)
Mrs. H. F. Angus)
Dr. J.E.A. Kania) Five non-faculty members
Mr. E. P. Nicol)
Mr. A. A. Webster)

Chancellor A. E. Grauer)
President N.A.M. MacKenzie) Ex-officio
Dean G. C. Andrew)
Mr. J.E.A. Parnall)

Appeals Committee on Academic Standing

Mr. N. T. Nemetz)
Rev. W. S. Taylor) Non-faculty

Chancellor A. E. Grauer)
President N.A.M. MacKenzie)
Dean G. C. Andrew) Ex-officio
Dean W. H. Gage)
Mr. J.E.A. Parnall)

To Plan for a Special Congregation in Victoria in 1961

The Secretary read also the following proposal as

to appointees to a committee to consider and plan for a Special Congregation in Victoria in the spring of 1961 to confer degrees of the University of British Columbia on the graduates of Victoria College qualifying for such degrees:

Committee on Special Congregation at Victoria College, 1961

Dr. R. M. Clark
Mr. Willard Ireland
His Honour Judge J. B. Clearihue
Mr. R.T.D. Wallace
Mr. R. R. Jeffels
Mr. J.E.A. Parnall

Chancellor A. E. Grauer)
President N.A.M. MacKenzie) Ex-officio
Dean G. C. Andrew)

It was agreed that all the foregoing committees should be appointed as recommended.

To be Appointed in Accordance with Resolution of the Faculty Association concerning a Study of the Higher Educational Needs of British Columbia

Copies of a resolution of the Faculty Association urging that the University make an extensive and detailed study of the higher educational needs of British Columbia, had been circulated to Senate earlier in the year; and Senate at its previous meeting had asked Dean Curtis in consultation with certain members of the Senate Executive Committee to recommend personnel for a Senate Committee to work in association with, or concurrently with, the Faculty Association in undertaking such a survey. The nominating group had made the following recommendations:

(a) That Dr. Robbins as Chairman, Dr. Kenny, Dr. Mather, Dr. Anderson, Dr. Volkoff, Mr. R. T. Wallace, Dean McCrae, Dean Myers, Mr. Harlow and Mr. Selman, with ex-officio the President or his Deputy, the Secretary of Senate and the Dean of Administrative and Inter-Faculty Affairs, be constituted a committee to explore ways and means of undertaking a study of the needs, in their academic aspects, of higher education in this province and to define the scope of such a study and the areas which should be covered by it, and to report to Senate on these matters;

(b) That items (c) and (d) of the resolution of the Faculty Association (".... that the study arrive at a new formula whereby provincial and federal grants are made to the University", and ".... that the University seek financial support for such a study from a private foundation, and failing such support, ... that the Board of Governors defray the cost of such a study") be referred to the Board of Governors for its consideration.

It was agreed that the committee should be appointed as recommended, and the items specified referred to the Board of Governors for consideration since they did not come within the normal sphere of concern of Senate.

Appointment of Standing and ad hoc Committees, and Representatives on University Committees, for the Session 1960-61

The Chairman made reference to the large number of Senate committees, and University committees with Senate representation. It had been the custom of Senate in recent years to authorize the Chairman at the August-September meeting, in consultation with members of Senate and of the Faculties concerned, to prepare recommendations as to changes in committee membership, for approval of Senate at the October meeting. However, in view of the extensive changes in Senate membership, and the late start of committee

meetings if appointments were not made until October, the Chairman in consultation with appropriate members of Senate had reviewed the committees.

Mr. Gilliland)
Mr. Ladner) That, in conformity with established practice, the changes in membership of Senate committees and in Senate representation on University committees be approved as proposed by the Chairman, and that the complete list of Senate committee memberships be included in the minutes of this meeting.

Carried.

The Chancellor, the President, the Deputy to the President and the Registrar are ex-officio members of all Senate committees.

Committee on Examinations, B.C. Institute of Agrologists

Dean Blythe Eagles (Chairman)
Dr. V. C. Brink
Mr. Jacob Biely

Committee to Consider the Colour of Hoods for New Degrees

Mr. B. C. Binning (Chairman)
Dean Helen McCrae
Mr. W. E. Ireland
Mrs. T. R. Boggs

Committee on a Proposed Faculty of Dentistry

Dr. J. M. Mather (Chairman)
Dr. L. E. Ranta
Dean W. H. Gage
Dr. C. A. McDowell
Dr. S. M. Friedman
Dr. B. Savery
Mr. N. T. Nemetz
Dean J. F. McCreary

Committee on English-Language Problems of Foreign Students

Mr. J.E.A. Parnall (Chairman)
Dean G. C. Andrew
Dean S.N.F. Chant
Dean W. H. Gage
Mrs. H. F. Angus
Mr. C. B. Bourne
Mr. J. H. Creighton
Mrs. L. D. Hayward
Dr. M. F. McGregor
Dr. A. D. Moore
Mr. A. E. Piloto
Mr. R. J. Gregg

Committee on Extra-Sessional Credit Programme

Dean W. H. Gage (Chairman)
Mr. J.E.A. Parnall (Secretary)
Dean G. C. Andrew
Dean S.N.F. Chant
Dean G. N. Perry
Dean E. D. MacPhee
Dr. R. D. James
Dean N. V. Scarfe
Dr. J. K. Friesen
Mr. G. Selman

Committee on Honorary Degrees

Dean F. H. Soward (Chairman)
Mr. R. R. Jeffels (Secretary)
Dean G. F. Curtis
Dean S.N.F. Chant
Dean D. M. Myers
Dean Blythe A. Eagles
Dean A. W. Matthews
Dean George Allen
Dean W. H. Gage
Dean G. N. Perry
Dean Helen McCrae
Dean G. M. Shrum
Dean N. V. Scarfe
Mr. Mark Collins
Mr. J. Stuart Keate
Mrs. T. R. Boggs
Dr. R. M. Clark

Committee on Memorial Minutes

Dr. W. Robbins (Chairman)
Mr. Eric P. Nicol
Dr. Harry Hickman

Committee on Military Education

President N.A.M. MacKenzie (Chairman)
Dean S.N.F. Chant
Dean W. H. Gage
Mr. Allan H. Finlay
Dean G. M. Shrum
Lt.Col. J. F. McLean
Lt.Col. F. A. Morrison, C.O., U.B.C. Contingent, C.O.T.C.
Surg.-Cdr. M. Young, C.O., U.N.T.D.
W/C R. G. Herbert, C.O., R.C.A.F. (Auxiliary) University Flight
President, Alma Mater Society
The Honourable Sherwood Lett
Cdr. E.S.W. Belyea
Maj. R. R. Jeffels

Press Committee

Mr. Kenneth P. Caple (Chairman)
Mr. James A. Banham (Secretary)
Mr. Aubrey Roberts
Mr. J. Stuart Keate
Mr. Eric P. Nicol
Mr. George C. Hacker
Mr. Joseph V. Rogers
Mrs. T. R. Boggs

Committee on Professors Emeriti

Dr. W. N. Sage (Chairman)
Mrs. H. F. Angus
Dr. Joseph E. A. Kania
Dr. A. J. Renney

Committee on Recreation, Athletics and Physical Education

Dean A. W. Matthews (Chairman)
Miss Elizabeth McCann (Secretary)
Dr. H. V. Warren
Dr. R. D. James
Dean S.N.F. Chant
Dr. Malcolm F. McGregor
Dr. James M. Mather
Mr. R. F. Osborne
Dr. W. C. Gibson

Committee on Recreation, Athletics and Physical Education, Cont'd.

Dean D. M. Myers
Mrs. H. F. Angus
Dr. C. A. Rowles
Dean W. H. Gage
Mrs. M. Penney
Mr. B. C. Gillie

Consultant Committee on Student Adjustment

Dr. J. M. Mather (Chairman)
Dr. A. K. Young
Dean G. C. Andrew
Dean W. H. Gage
Dr. James S. Tyhurst
Mr. J. F. McLean
Mr. J. Haar

Committee on Suggestions for University Reports

Mr. G.O.B. Davies (Chairman)
Mr. R. R. Jeffels
Mr. B. C. Binning
Mr. K. P. Caple
Mr. S. Read
Mr. George C. Hacker
Mr. J. de Bruyn
Dr. K. Mann

Committee on Methods of Instruction (Ad Hoc)

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 D. M. Myers
Dr. R. D. James
Dean G. C. Andrew
Dr. M. F. McGregor

Senate Representatives on University Committees

Committee on Fraternities and Sororities

Dean W. H. Gage
Dean Helen McCrae
Mrs. T. R. Boggs

Joint Board of the College of Education

Dean W. H. Gage

Men's Athletic Committee

Dean A. W. Matthews

University Committee on Public Relations

Mr. J. S. Keate

U.B.C. Development Council

Dr. W. Gibson
Mr. M. Collins.

Committees Discharged: To Consider Appeals from Students, Curriculum, To Organize the Work of Senate, On Student Housing Policy, and On Proposed New Course in Religious Studies

Committees to be Replaced by President's Committees: On Development of Musical Studies in the University, and Re Establishing School of Rehabilitation.

Appointment of Senate Representative on Board of Health Centre for Children

Miss M. Fallis, who had been re-appointed as the Senate representative on the Board of Directors of the Health Centre for Children for the year April, 1960 to March, 1961, was not at present a member of Senate.

Mr. Gillie)
Dr. Kania) That Mr. Hyland be appointed to complete the current term as Senate representative on the Board of Directors of the Health Centre for Children, and that a letter of appreciation be sent to Miss Fallis for her past service on this Board.

Carried.

From the Board of Governors

Approval of Recommendations of Senate

Notice was received that the Board of Governors on May 25th, 1960, had approved new courses and changes in courses as recommended by Senate on May 11th.

New Awards, accepted subject to Approval of Senate

Notice was received that the Board of Governors, at its meetings on May 25th, June 27th, July 25th and August 29th, 1960, had approved the following new awards and changes in awards, subject to approval of Senate:

The Norman MacKenzie Prize in Public International Law
Dr. Maxwell A Cameron Memorial Medals and Prizes - change in Calendar description
The Japanese Canadian Citizens' Association B. C. Centennial Scholarship Fund
The British Columbia Teachers' Federation Undergraduate Scholarships for Teachers
The British Columbia Teachers' Federation Postgraduate Scholarships for Teachers
The Canadian Institute of Steel Construction Graduate Scholarship
Canadian Institute of Steel Construction Scholarship in Architecture
J. W. Gehrke Memorial Scholarship
The Smith, Davidson & Lecky Ltd. Scholarships in Education
The Alpha Gamma Delta Mothers' Club Bursary
The Social Work Prize - name changed to "The Social Work Alumni Prize"
Hoffman-La Roche Prize in Animal Nutrition
The Boultbee, Sweet Scholarship
The Collingwood Branch No. 48 Canadian Legion Scholarships
The McLean Fraser Memorial Fellowships
The Oscar Soderman Memorial Bursary Fund
The Saint Thomas More Law Burses
Gill-Pix Scholarship - name changed to "Gill Inter-provincial Lines Limited Scholarship"
Bunston Ltd. Scholarship in Electrical Engineering - discontinued
Allied Chemical Canada Scholarship.

These would be presented by Dean Gage for formal approval later in the meeting.

Recommendation as to Change in Status of Neurological Research, and Establishment in the Faculty of Medicine of a Department of the History of Medicine and Science

The Board of Governors at its meeting on August 29th had approved, subject to concurrence of Senate, a recommendation that the Department of Neurological Research become a division of the Department of Psychiatry, to be known as "The Kinsmen Laboratory of Neurological Research" and that a Department of The History of Medicine and Science be established in the Faculty of Medicine. Contingent upon concurrence of Senate in this establishment, the Board had approved the appointment of Dr. W. C. Gibson as Professor and Head of the new Department, effective September 1st, 1960. Dr. Gibson would also be a Research Professor in Psychiatry, and would direct the Kinsmen Laboratory of Neurological Research, at least for the time being.

At the request of the Chairman, Dean McCreary outlined the reasons for the proposed change in status, and Dr. Gibson described the functions of the new Department and its relation to existing departments of the University.

The courses at present offered in the Faculty of Graduate Studies by the Department of Neurological Research would be offered henceforth by the Department of Psychiatry.

Dean McCreary)
Dr. McKenzie) That Senate concur in the change in status of Neurological Research and the establishment in the Faculty of Medicine of a Department of the History of Medicine and Science, as recommended by the Board of Governors, to become

effective September 1st, 1960; and that Senate approve the transfer of graduate courses from the Department of Neurological Research to the Department of Psychiatry.

Carried.

Report on Mr. D.F.H. Whitford - Physical Education Requirement

At its previous meeting, Senate had asked the President and the Registrar to investigate the case of Douglas Frank Harry Whitford, who had completed the academic requirements for a degree (Bachelor of Science) but had not undertaken compulsory physical education, despite warnings that this was also a requirement for a degree.

The Registrar had spoken by telephone to the student and his father, but no adequate explanation had been offered of his failure to comply with regulations. During the summer, Mr. Whitford had undertaken physical activities which satisfied the School of Physical Education, and his name would therefore be included with those of other candidates for degrees in October.

Report on Registration, Summer Session, 1960

A report on Summer Session registration in credit courses for the years 1951 to 1960, and registration by courses for the 1960 Summer Session, was circulated at the meeting. The Registrar explained that in certain Departments, several courses were given jointly, with differing assignments to students at different levels. The list also included some essay and thesis courses in cases where students were not able

to register for them during the regular Winter Session.

The report of the Director of Summer Session, and report on the Summer School of the Arts and Public Affairs, would be prepared for the October meeting of Senate.

From the Faculties

Recommendations that Certain Students be Required to Withdraw

A list dated September 1st of students with unsatisfactory standing as defined in the Calendar and approved by Senate for their respective Faculties, was circulated at the meeting, with the recommendation that these students be required to withdraw from those Faculties for 1960-61.

Dean Gage)
Dean MacPhee) That the students listed be required to withdraw for 1960-61 from the Faculty in which they were registered in 1959-60, with the proviso that the Deans of the Faculties concerned in consultation with the Registrar and the Chairman of Senate may be authorized to make any necessary alterations in the list.

Carried.

Faculty of Arts and Science

Possible Representation of Victoria College

Dean Chant reported that there had not been a regular meeting of the Faculty of Arts and Science since the previous meeting of Senate, consequently no further action had yet been taken on the request of Victoria College for representation on the Faculty of Arts and Science.

Prince George Resident Instructor

The request from Prince George for credit courses in English to be offered by a resident Faculty member in the 1960-61 Session, on an experimental basis, had been discussed by the Faculty of Arts and Science at a special meeting, and recommended "on the understanding that it be entirely experimental and in no manner commit the University to similar projects in the future". A poll of Senate members had been conducted, in order to avoid the necessity of a special meeting, and approval obtained for the proposal on the basis outlined.

Dean Andrew stated that Mr. R. J. Baker was willing to undertake the assignment; that the courses to be offered would be English 200, 300, and 439; that registration in the two latter courses would be restricted in the same way as at the University of British Columbia; that the three hours per course per week would be in at least two, and probably three, separate periods; that special arrangements had been made with respect to library facilities and book supplies; and that the students would write the same examinations, at the same time, as those attending the University of British Columbia. As previously reported, all costs involved would be borne by the Prince George Board of School Trustees, with students paying the regular university fees.

Mr. Ladner)
Dr. Cowan) That Senate formally ratify the approval given earlier to the offering of three English courses in Prince George in the 1960-61 Session, on an experimental basis.

Carried.

Additional Extra-sessional Courses, 1960-61

In addition to the extra-sessional courses approved at the previous meeting, Psychology 100 and Psychology 201 were recommended for 1960-61 by the Department of Psychology, Dean of Arts and Science, and Department of University Extension.

Dean Chant)
Dean Gage) That these further extra-sessional courses be approved for 1960-61 on the understanding that they will be submitted to the Faculty of Arts and Science at its next meeting.
Carried.

Changes in Second Year Programme in Chemistry, Mathematics and Physics

Two years' experience with the programme for Second Year of the B.Sc. and honours programme in Chemistry and Physics had indicated that the required five units in each of these subjects and Mathematics, plus a three-unit non-science elective, was too heavy and restrictive. The Faculty of Arts and Science, at a specialmeeting in June, had approved a recommendation of the departments concerned that their respective two-unit courses should be increased to three units each, and that the number of courses required should be reduced, permitting a greater freedom of choice to the students. The Department of Physics had recommended also that for Honours students Physics 200(3) and Physics 201(2) be replaced by Physics 204(3) - Heat and Modern Physics and Physics 206(3) - Mechanics.

Dean Gage)
Dean Chant) That the changes in courses and requirements in Second Year Chemistry, Mathematics and Physics be approved as recommended.

Carried.

Reports of Committees

Prizes, Scholarships and Bursaries

Sessional Awards

Copies of List No. 2, dated June 17th, 1960, of awards based on standing in the Session 1959-60, were circulated.

Dean Gage)
Mr. Knapp) That the students named on List No. 2 be granted the awards for which they are recommended.

Carried.

Postponements of Awards

Dean Gage recommended that, on their request, the following students should be granted postponements of awards for a period of one year:

John P. Bell - Trans-Canada Investment Corporation Scholarship

Sharon A. Brown - Crown Zellerbach Canada Limited Scholarship

John Gansen - Crown Zellerbach Canada Limited Scholarship.

Dean Gage)
Dean MacPhee) That postponement of these awards be approved, as recommended.

Carried.

New Awards and Changes in Awards

Acceptance of the following new awards and changes

in awards was recommended, under the terms indicated:

The Norman MacKenzie Prize in Public International Law

In honour of Dr. Norman MacKenzie a prize of $50.00, established and endowed by an anonymous donor, is offered annually to the student in Law obtaining the highest standing in Public International Law.

Canadian Institute of Steel Construction Scholarship in Architecture

A scholarship of $250.00, donated annually, will be awarded to a student in the Third Year who ranks high in the course in Structural Engineering (Arch. 355) and who has shown special proficiency in the use of structural steel in the design of building or buildings.

The Canadian Institute of Steel Construction Graduate Scholarship

A scholarship of $400.00, donated annually by the Canadian Institute of Steel Construction, is offered to a civil engineering student beginning or continuing studies in the Graduate Faculty at this University. The award will be made to a student who undertakes a research project related to structural steel. The winner will be selected on the recommendation of the Department of Civil Engineering.

J. W. Gehrke Memorial Scholarship

This scholarship of $100.00, will be awarded to an outstanding undergraduate at the University of British Columbia.

The British Columbia Teachers' Federation Undergraduate Scholarships for Teachers

The British Columbia Teachers' Federation offers annually six scholarships tenable at the University of British Columbia or at Victoria College. An applicant must be actively engaged in teaching in the Province, must hold a B. C. Teaching Certificate, must have high academic standing (an overall average of at least Second Class, in terms of University of British Columbia grades, with First Class in the particular area or areas in which he proposes to major), and must give assurance of returning to educational service in British Columbia on

completion of his University studies. The awards are of two types: (a) two scholarships of $1,500.00 each for teachers taking leave of absence to proceed in a full programme of studies in the regular winter session toward a B.Ed. degree. One scholarship is for the elementary field, the other for the secondary field; (b) four scholarships of $250.00 each for teachers proceeding in a full programme of studies in the summer session toward the B.Ed. degree. Two of the scholarships are for the elementary field and two for the secondary field. The completed application form and all necessary documents must be received by Dean Walter H. Gage, University of British Columbia, Vancouver 8, B. C., not later than March 15th.

The British Columbia Teachers' Federation Postgraduate Scholarships for Teachers

The British Columbia Teachers' Federation offers annually four scholarships to teachers with a Bachelor's degree who are proceeding with studies toward a higher degree and have completed at least five years of successful teaching in British Columbia. Winners must give assurance of returning to educational service in British Columbia on completion of University studies. The Committee of Selection will consider only those applicants who have an overall standing in undergraduate studies of at least Second Class (in terms of University of British Columbia grades), with First Class in the particular area or areas in which they propose to major or take postgraduate work. These awards, which are tenable at any recognized university or college, are of two types: (a) two scholarships of $1,500.00 each for teachers taking leave of absence to engage in full-time studies in the regular University session; and (b) two scholarships of $250.00 each for teachers proceeding to full-time studies in the regular summer session. The completed application form and all necessary documents must be received by Dean Walter H. Gage, University of British Columbia, Vancouver 8, B. C., not later than March 15th.

The Alpha Gamma Delta Mothers' Club Bursary

A bursary of $100.00, the gift of the Alpha Gamma Delta Mothers' Club, is offered to a woman student in any year and faculty. It will be awarded to a worthy and deserving student who needs financial assistance.

The Smith, Davidson & Lecky Ltd. Scholarships in Education

Two scholarships of $250.00 each, the gift of Smith, Davidson & Lecky Ltd., are offered annually to students proceeding to Secondary teaching in the Province of British Columbia. These scholarships are open in competition to applicants entering the Final Year of the programme leading to the B.Ed. degree (secondary) or the one-year Teacher Training Programme for Graduates. Applicants will be considered on the basis of their overall academic standing and achievement in their major areas of specialization; on their promise of success in teaching, personal qualities, and character; and on their need for financial assistance. Applicants must submit their applications not later than April 30th.

The Collingwood Branch No. 48 Canadian Legion Scholarships

Two scholarships of $100.00 each (one for a woman student and one for a man) are offered in competition to students entering the University. To be eligible applicants are required to have been in attendance at Gladstone or Killarney High School for at least Grades XI and XII and one of their parents must have served with the Canadian Forces during World War I, World War II, or the Korean conflict. Candidates must write the standard department examinations in June and will be considered only if they obtain an overall average of at least 70%. Winners are selected by the University in consultation with Branch No. 48.

Hoffman-La Roche Prize in Animal Nutrition

A prize, the gift of Hoffman-La Roche Limited, Montreal, will be awarded for the best graduating essay or Master's thesis in the field of Animal Nutrition. The award will be made on the recommendation of the Dean of Agriculture.

The Boultbee, Sweet Scholarship

A scholarship of $300.00, the gift of Boultbee, Sweet & Co. Ltd., is offered to a student in Commerce and Business Administration who is taking the Real Estate program, has high academic standing, and is deserving of assistance to further his education. The award will be made on the recommendation of the Faculty.

The McLean Fraser Memorial Fellowships

These fellowships of $750.00 each, established as a memorial to Dr. McLean Fraser by a bequest from Clara A. Fraser, are offered to graduates of the University of British Columbia with high academic standing and demonstrated outstanding research ability in Zoology during their undergraduate years. They will be awarded for postgraduate study and research leading to a postgraduate degree in Zoology at this University or at a university or research foundation approved by the University of British Columbia.

The Oscar Soderman Memorial Bursary Fund

The annual income from this fund, a bequest of the late Daisy Sidney Soderman, will be used to provide bursaries, scholarships, or other assistance, for worthy and deserving students beginning or continuing studies in Forestry and allied fields, or Forest Engineering. If no suitable candidates are eligible in these fields the income will be used at the discretion of the Board of Governors on recommendations from the Committee on Prizes, Scholarships, Bursaries and Loans.

Allied Chemical Canada Scholarship

A scholarship of $250.00, the gift of Allied Chemical Canada, Ltd., was awarded in September, 1960, to an outstanding student entering his final undergraduate year. It was open to students continuing in honours chemistry or chemical engineering.

The Saint Thomas More Law Burses (to be included among "Awards made by Other Institutions")

Two bursaries of $100.00 each, sponsored by the Catholic Lawyers' Guild and provided by the Catholic Archdiocese of Vancouver, are offered to Catholic students entering, or presently in, the Faculty of Law. The winners will be selected by the Guild. Information may be obtained from Alfred T. Clarke, President, Catholic Lawyers' Guild, 400 B. C. Estates Building, 1075 Melville Street, Vancouver 5, B. C.

The Dr. Maxwell A Cameron Memorial Medals and Prizes (change in Calendar description)

To commemorate the distinguished life and work of

Dr. Maxwell A Cameron (1907 - 1951), first Director of the School of Education at this University and author of the Cameron Report on Education, the British Columbia Teachers' Federation annually donates two awards, each consisting of a silver medal and a prize of $50.00. They will be awarded, one in the secondary teaching field and the other in the elementary teaching field, to those students in the Final Year of the B.Ed. course who, in the opinion of the Dean and the Director of the Division concerned, are the outstanding students in the graduating class.

The British Columbia Japanese Canadian Citizens' Association Entrance Scholarship - name changed to: The Japanese Canadian Citzens' Association B. C. Centennial Scholarship Fund

The Social Work Prize - name changed to: The Social Work Alumni Prize

Gill-Pix Scholarship - name changed to: Gill Inter-provincial Lines Limited Scholarship

Bunston Ltd. Scholarship in Electrical Engineering - discontinued.

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

Carried.

For information of Senate, Dean Gage reported that the winner of one of the Draper's Company scholarships, Mr. J. J. Tickner, had chosen the University of British Columbia for his studies.

Awards made by other institutions but open to students attending the University of British Columbia included the Bank of Montreal Centennial Scholarships, of which five would be awarded to British Columbia students commencing university studies in the autumn of 1960.

Honorary Degrees

Since the Senate had sole jurisdiction in respect of degrees, including honorary degrees, the President and Dean Soward as Chairman of the Committee on Honorary Degrees had prepared a statement for information of Senate on the policy of the Committee. It was agreed that this statement should be included in the minutes, and that at the next meeting it should be approved as University policy, or should be modified:

> In general, the Committee submits to Senate only the names of those persons who through their distinguished achievements in teaching, research, scholarship, and public service -- local, provincial, national or international -- have made a significant contribution to the progress of this Province, of Canada or of the world. There are individuals who are or who have been directly associated with this University as members of the Board of Governors, the Senate or the Faculties who might well be considered on the basis of these standards. Recommendations on their behalf have come to the Committee at frequent intervals.
>
> Such recommendations present a problem. Both the Senate and the Committee are definitely of the opinion that, in order to ensure the awarding of an honorary degree being regarded as a real distinction by the recipient, it is essential to limit the number granted annually at the Spring or Autumn Congregations.
>
> The Committee also feels that it is advisable to avoid any possibility of competition among departments or faculties for the granting of honorary degrees to their members, however worthy they may be. There is also the possibility that in granting honorary degrees to persons directly connected with the University, it might be placed in an embarrassing position of being charged with becoming too pre-occupied with "looking after its own", and would also create a feeling of jealousy in some of those who are not so honoured.
>
> For these reasons, the Committee does not, except in unusual circumstances, such as

congregations honouring war-time achievements of staff and graduates or for special anniversaries, for example, the 100th anniversary of the Province and the 50th anniversary of the University, make recommendations to the Senate about serving members of the Board of Governors, the Senate or the Faculty. Except in the case of Deans, the Senate has not recommended honorary degrees for retired members of staff. For parallel reasons, the same principle has been applied in considering suggestions for honorary degrees for members of the Provincial Cabinet or Legislature. It is felt, however, that the considerations applicable to the Provincial Government do not always have the same significance in connection with members of the Federal Cabinet and Parliament.

In the past, when suggestions have been made that honorary degrees be conferred upon serving or retired members of the staff, efforts have been made, usually by the Administration, to bring, when thought advisable, the name of the individual to the attention of his own University. Retired members of Faculty have, in most instances, been honoured by the Senate through the award of the title Professor Emeritus.

Dean Soward then presented the recommendations of the Committee for honorary degrees to be awarded at the Autumn Congregation, 1960, in association with the opening of the south wing of the Library, the extension to the Biological Sciences Building, and the opening of new Federal Government buildings on the campus. In so doing, he gave brief and interesting resumés of the careers of the individuals recommended for these degrees:

Dr. Louis B. Wright, Director of the Folger Shakespeare Library, Washington, D.C. - D.Litt.

Sir Frank C. Francis, C.B., Director of the British Museum - D.Litt.

Dr. Konrad Lorenz, Max-Planck-Institut für Verhaltenphysiologie, Seewiesen über Starnberg/obb., Germany - D.Sc.

Dr. T.W.M. Cameron, F.R.S.C., Institute of Parasitology, Macdonald College, P.Q. - D.Sc.

Mr. S. C. Barry, Deputy Minister of Agriculture for Canada - D.Sc.

Professor Albert Frey-Wyssling, F.R.S., Professor of Botany in the Pflanzenphysiologisches Institut Eidgenössische Technische Hochschule, Zürich - D.Sc.

The Honourable Howard C. Green, Secretary of State for External Affairs - LL.D.

In addition, Dean Soward reported that Dr. J. W. Gardner expected to attend the forthcoming Congregation to receive the degree already approved for him.

Dean Soward)
Dr. Cowan) That the honorary degrees specified be conferred on the individuals recommended at the Congregation on October 27th, 1960, if they are able to be present at that time to receive the degree.

Carried.

The Chairman emphasized that recommendations in connection with honorary degrees were confidential to members of the Committee and of Senate until the individuals had been invited to accept the degrees and had signified their willingness to do so and their ability to come to the University at the appropriate time.

Professors Emeriti

Dr. Sage reported that the Committee on Professors Emeriti was pleased to concur in a recommendation of the Committee of Deans that Dean E. D. MacPhee be granted the title of Dean Emeritus on his retirement from the deanship of the Faculty of Commerce and Business Administration, effective September 30th, 1960.

Dr. Sage)
Mr. Gourlay) That the title of Dean Emeritus be conferred on Dean MacPhee, as recommended.
Carried.

Since Dean MacPhee would be remaining at the University as Assistant to the President and a Professor in Commerce, it was agreed that he should be invited to continue to attend meetings of Senate, but without voting privileges.

Dr. Sage presented also a recommendation of the Committee that Dr. F. S. Nowlan, Professor of Mathematics from 1926 to 1949, who was now retired and had returned to Vancouver, should be granted the title of Professor Emeritus.

Dr. Sage)
Dean Soward) That this recommendation be approved.

Following discussion of the principles involved, it was agreed that this motion should be tabled until the next meeting of Senate, and that the Secretary of Senate and the Chairman of the Committee should prepare a report on procedure in the appointment of Professors Emeriti, and practice followed in the past.

Naming of University Buildings

The Secretary read a recommendation from the Committee on the Naming of University Buildings to the President that the fourth unit of the student residences be called "Sherwood Lett House". The President added that the students had paid most of the cost of this unit from their contributions to the University Development Fund, and had therefore been asked to suggest a name for the building.

They wished in this way to honour the first President of the Students' Council, who was also a distinguished alumnus and the first Chancellor elected from among the Alumni.

Dean Andrew)
Dean Scarfe) That Senate endorse this choice of name for the fourth unit of the student residences, in so far as it has authority to do so.

Carried.

Report of the Alumni Association "State of the University" Committee

A report of the Alumni Association "State of the University" Committee, circulated at the last meeting, had been tabled in the interim. It was agreed that this should be left with the members of Senate for study, and return to the agenda at any time if they so wished.

Report of Personnel Department on Academic Performance of Students in First Year Applied Science, 1958-59

A report by the Personnel Department on the academic performance of students in First Year Applied Science, 1958-59, according to institutions at which they took their pre-Applied Science year, was circulated at the meeting. It was agreed that this should be returned to the agenda later if any members of Senate wished further information on it.

Dean Andrew suggested that Dean Myers might, if he wished, bring this document to the attention of members of his Faculty, and report their observations to Senate.

Autumn Congregation

The Secretary stated that Congregation would be held on Thursday, October 27th, at 2:30 p.m. in the Armoury. The Chairman added that Dr. John Gardner, President of the Carnegie Corporation of New York and the Carnegie Foundation for the Advancement of Teaching, would deliver the Congregation address.

Victoria College Council

Mr. Wallace reported that 700 students had attended Summer Session at Victoria College (561 in Education, 139 in Arts and Science).

The Council anticipated that the new classroom and office building would be opened early in 1961, and the next building to be erected would be one for the sciences.

In connection with the evening programme for 1960-61, it was moved

Mr. Wallace)
Dean Chant) That Victoria College be authorized to offer English 400, English 411 and History 318 as evening classes for the 1960-61 Session.

Carried.

Mr. Wallace)
Dean Scarfe) That Victoria College be authorized to offer Education 415 and 461 as late afternoon classes during the 1960-61 Session.

Carried.

Mr. Wallace)
Dean Scarfe) That Victoria College, employing its regular staff, be authorized to offer English 200 and Education 461 as evening classes in Nanaimo during the 1960-61 Session.

Carried.

Election of Representatives of Senate on the Board of Governors

In calling for nominations for representatives of Senate on the Board of Governors, the President referred to the sections of the University Act outlining the conditions for eligibility, copies of which had been distributed at the meeting. Mr. Ladner and Mr. Nemetz had served as Senate representatives on the Board for the past three years; Mr. Caple had been appointed for a one-year term after the conclusion of the Honourable Mr. Justice Lord's term.

Nominees for the three posts for 1960-63 were Mr. Ladner, Mr. Nemetz, Mr. Collins, Mr. Caple and Mr. Keate.

Dean Soward)
Mr. Gillie) That nominations close.

Carried.

Following a ballot, Dean Gage and Mr. Gourlay as scrutineers announced the election of Mr. Caple, Mr. Ladner and Mr. Nemetz as representatives on the Board for a three-year term ending in September, 1963.

Correspondence

Letters of Appreciation

Letters of appreciation were received from Mrs. Hamber and Mrs. Wright for memorial statements, His Honour Judge Clearihue for good wishes in his illness, and Mr. Forward and Mr. P. H. White for congratulations on awards to them.

Notre Dame College

A request was received from Notre Dame College in Nelson that students who had successfully completed First Year at that institution be considered on an individual basis for admission to the University, instead of being required to write Senior Matriculation examinations.

Dr. Sharp)
Mr. Collins) That the request of Notre Dame College be not granted.

Carried.

It was agreed that the Secretary, in transmitting this decision, should suggest to the College Rector that he might, if he wished, submit recommendations on students who had attended the College, to be used in conjunction with their examination results in assessing their abilities.

Mennonite Brethren Bible College

The Mennonite Brethren Bible College in Winnipeg, which offered certain liberal arts courses at the Second Year University level, had requested "some form of recognition by the University of British Columbia" for these arts courses, to assist British Columbia students who had attended the College and wished to complete degrees at the University of British Columbia.

It was agreed that there was no need to depart from the practice of considering applications from such students on an individual basis.

Other Business

Death of Mr. D. K. Bell

The President reported, with regret, the death in early July of Mr. Donald Bell, who had retired on June 30th as Associate Professor in the Faculty of Commerce and Business Administration.

Senior Appointments

For information of Senate, the President and the Deans concerned reported on certain recent senior appointments to the Faculty and administrative staff:

Dr. Ian Shand, Assistant Director of the University Health Service;

Dr. Denys K. Ford, Associate Professor of Medicine, to direct a research activity supported by the Canadian Arthritis and Rheumatism Society through a bequest;

Dr. Brock M. Fahrni, Associate Professor of Medicine, to direct the School of Rehabilitation, establishment of which (within funds available by special grants) had been approved by Senate and the Board of Governors in 1958. Dr. Fahrni would also act as consultant to the British Columbia Hospital Insurance Service in setting up a chronic care programme in the province.

Dr. Neil Perry, Dean of the Faculty of Commerce and Business Administration as from October 1st, 1960;

Dr. John Young, Head of the Department of Economics and Political Science;

Mr. John Haar, Director of International House and Director of Student Activities;

Mr. William L. Holland, Professor of Asian Studies.

At the President's request, Dean Soward outlined the development of Asian Studies at the University, and expressed his belief that it should now become a Department in the University.

Dean Soward)
Dean Andrew) That Senate approve and recommend to the Board of Governors the establishment of a Department of Asian Studies in the Faculty of Arts and Science.

Carried.

Professor Biely

The President reported that Professor Biely had been the first Canadian to receive the Ralston Purina teaching award for distinguished teaching and service in Poultry Husbandry in North America.

Mr. Caple)
Dr. Kania) That a message of congratulations be sent to Professor Biely.

Carried.

Conference to be held in 1963 at U.B.C.

For the information of Senate, the President and Dr. Cowan reported that the American Society of Ichthyologists and Herpetologists had accepted an invitation to hold its 1963 meeting at the University of British Columbia.

Faculty Advisers in Men's Residences

For information of Senate, the Secretary read the names of Faculty advisers (Dons) in the Men's Residences for 1960-61: Dr. J. J. Veit, Fort Camp; Dr. Roger Howard, Kootenay House (both for a second year); Mr. A. J. McClean, Robson House.

Committee on Graduate Study and Research

Earlier in the year, the President had appointed a committee under the chairmanship of Dean Shrum to make recommendations to the President and the Board on the amount of direct support of graduate study and research that should be included in the University budget. The President stated that he would have the committee report circulated to the members of Senate along with the minutes of this meeting, for their information and possible comment at future meetings.

Dean MacPhee

An excerpt of a letter from Dean MacPhee to the President was read outlining the goals towards which he had striven as Director and Dean of Commerce. It was agreed that this should be quoted in the minutes as a continuing objective for that Faculty, to be consulted from time to time by succeeding Deans and members of that Faculty.

> The opportunities to develop a School of Commerce in 1950 and later to create a Faculty of Commerce and Business Administration have been most challenging and exciting. The reorganization of the undergraduate curricula; the selection and establishment of new areas of study; the recruitment and development of teachers of commerce in a highly competitive world; the establishment of serious diploma programmes for professional and technical groups in the community; the steady increase in academic standards; the initiation of graduate studies; the encouragement of research and publication; the maintenance and expansion of close professional and social relationships with the community we serve - these, broadly, have been the goals toward which, as Dean I have striven. Evaluation of the results achieved must come from many groups and over a long period of time. I am more conscious than many of the tasks that remain unfinished.

Rowing Crew

It was agreed that congratulations and good wishes should be sent to the University rowing crew, currently participating in the Olympic Games in Rome.

The meeting adjourned at 11:15 p.m.

J. Parnell
Secretary.

Norman McKenzie
Chairman.