The second regular meeting of the Senate of the University of British Columbia for the Session 1953-54 was held on Wednesday, December 16th, 1953, at 8:00 p.m., in the Board and Senate Room, Administration Building.

Present: President N. A. M. MacKenzie (in the Chair), Miss Marjorie Agnew, Dr. John Allardyce, Dean G. S. Allen, Dean G. C. Andrew, Dean H. F. Angus, Mr. Jacob Biely, Dr. V. C. Brink, Dean S. N. F. Chant, The Hon. Mr. Justice J. V. Clyne, Miss Mollie Cottingham, Dr. Ian McTaggart Cowan, Dean G. F. Curtis, Dean Blythe Eagles, Mr. H. O. English, Miss Mary Fallis, Dr. W. A. Ferguson, Dr. R. E. Foerster, Dr. S. M. Friedman, Dean W. H. Gage, Dr. W. C. Gibson, Dean H. C. Gunning, Dr. R. D. James, Dr. R. B. Kerr, Mr. F. M. Knapp, Mr. H. N. MacCorkindale, Mr. W. R. McDougall, Dr. M. M. MacIntyre, Dean A. W. Matthews, Mr. J. Fred Muir, Mr. W. O. Richmond, Dr. W. N. Sage, Dr. W. S. Taylor, Dr. G. M. Volkoff, Dr. H. V. Warren, Dean M. M. Weaver, Dr. R. M. Wellwood and Dr. C. H. Wright.

Messages of regret for their inability to be present were received from Chancellor Sherwood Lett, Mr. K. P. Caple, Major H. C. Holmes, Mr. F. C. Boyes, Mrs. F. Mackenzie Ross, Dr. Roy Daniells, Dr. Harry Hickman and Dr. T. M. C. Taylor.
Minutes of the Previous Meeting

Dr. Sage  
Dean Weaver) That the minutes of the first regular meeting of Senate for the Session 1953-54, having been circulated, be taken as read and adopted.  

Carried.

Notices of Appointment

Committee on School of Rehabilitation

Notice was received of the appointment by the President of the following Committee to study the best means of establishing a School of Rehabilitation in the Faculty of Medicine, the Department of Logopedics in the suggested School to be established in September, 1954:

Dean W. H. Gage (Chairman)
Dean M. M. Weaver
Dr. A. B. Kerr
Dean S. N. F. Chant
Dr. S. M. Friedman
Dr. J. B. McCreary
Dean G. C. Andrew
Dr. Harold Copp
Professor E. D. MacPhee

Chancellor Sherwood Lett  
President N. A. M. MacKenzie) Ex-officio
Mr. C. B. Wood  

Dr. MacKenzie stated that the organization of work in these fields would not necessarily be as a School; it might be a Department or a Division. The Committee appointed would be expected to consider the work that might be done at this University in physical therapy, occupational therapy and logopedics.
Representative on Board of Directors
of the Health Centre for Children

A letter dated December 16th from the President was read by the Secretary reporting that Miss Mary Fallis had agreed to serve as representative of Senate on the reconstituted Board of Directors of the Health Centre for Children, Vancouver General Hospital.

From the Board of Governors

Approval of Recommendations of Senate

Senate Elections

A report was received that the Board of Governors on October 26th had approved the proposal not to send copies of the list of members of Convocation to all members of that body, in connection with the Senate election, 1954, on the understanding that a master list of members of Convocation will be prepared by the Registrar and kept on file in his office, to be available for inspection.

Extramural Credit Courses and New Courses

A report was received that the Board of Governors on October 26th had approved the new courses and extra-mural credit courses as approved by Senate on October 21st, 1953, on the understanding that the latter will be given only if there is sufficient enrolment to meet the cost.

New Awards

The Board of Governors, on October 26th, approved
the acceptance of the following new awards, as approved by Senate on October 21st:

The Dr. Isabel MacInnes Prize
The Finning Tractor and Equipment Co. Ltd. Scholarship
The M. H. Rutledge Memorial Scholarships

A letter dated December 8th was received from the President reporting that the Board of Governors, on November 30th, had accepted the following new awards, subject to approval by Senate:

The St. Paul's Hospital Medical Staff Bursary
The Vancouver and District New Jazz Society Scholarship in Music
The Society of Automotive Engineers Scholarship
Dean of Law Students' Assistance Fund

Senate noted that details of these new awards would be presented under the Report of the Committee on Prizes, Scholarships and Bursaries.

From the Faculties

Course Changes: Faculty of Arts and Science

Mimeographed descriptions of the following new courses which were approved by the Faculty of Arts and Science on December 9th were circulated to the members:

Geography 207 (3) Introduction to Human and Political Geography
Geography 304 (3) The Geography of Settlement
Geography 310 (3) Commercial and Industrial Geography
Slavonic Studies 404 (3) Geography of the Soviet Union
History 201 (3) British History
Mathematics 308 (3) Topics in Algebra
Mathematics 404 (2) Functions of a Complex Variable
Psychology 302 (3) Applied Psychology
Philosophy 310 (3) Early Modern Philosophy
School of Physical Education (Summer Session Course)
P.E. 408 (1½) Workshop on Physical Education Activities

Dean Chant
Dean Gage ) That the new courses listed be approved. Carried.

Also circulated were copies of revised requirements for Option 10, Commerce and Teaching, in the School of Commerce, as approved by the Council of the School of Commerce, the Faculty of Arts and Science, and the Department of Education, Victoria. Professor E. D. MacPhee, Director of the School, was invited to be present for this discussion. Dean Chant explained that the essential change was the elimination of a required major in a subject other than Commerce.

Dean Chant)
Dean Gage ) That the changes as recommended be approved. Carried.

Certain proposed minor calendar changes which were approved by the Council of the School of Education on November 30th, and a report on course revisions which were approved by the Council of the School of Home Economics on December 7th, were presented. Also recommended were the following new courses in the latter School:

Home Economics 306 (1½) Experimental Design and Representation
Home Economics 402 (1½) Textile Seminar

Dean Chant)
Dean Gage ) That calendar revisions and new courses as recommended be approved. Carried.

Copies of calendar changes recommended by the
Faculty of Arts and Science with reference to the General Course, Third and Fourth Years, and the Honours Curriculum had been circulated. Dean Chant stated that these matters had been discussed in the curriculum committee and passed by the Faculty and pointed out the change provided for a "Double Honours" course, as distinct from "Combined Honours."

Dean Chant) That the Calendar changes as recommended be approved, subject to editorial revision. Carried.

Courses for Summer Session, 1954

The following courses were recommended for the Summer Session, 1954, by the Summer Session Committee and the Faculty of Arts and Science:

- **Anthropology 401**
- **Bacteriology 100**
- **Biology 100**
- **Chemistry 100/1**
- **Chemistry 200**
- **Chemistry 300**
- **Commerce 151**
- **Commerce 371**
- **Economics 200**
- **Education 523**

**Anthropology 401**
- Indians of British Columbia

**Bacteriology 100**
- Introductory Bacteriology

**Biology 100**
- Introductory Biology
- Basic Physiology

**Chemistry 100/1**
- General Chemistry
- Quantitative and Qualitative Analysis
- Organic Chemistry

**Chemistry 200**
- Fundamentals of Accounting
- Business Finance

**Chemistry 300**
- Principles of Economics
- International Trade
- Government Finance

**Education 523**
- Comparative Education
- English Methods
- Social Studies Methods
- Science Methods
- Administration of the Secondary School
- Supervision
- Philosophies of Education
<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td><strong>Education</strong></td>
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<tr>
<td>&quot;</td>
<td>522 (1½)</td>
<td>The Secondary School</td>
</tr>
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<td>&quot;</td>
<td>529</td>
<td>Educational Psychology</td>
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<tr>
<td>&quot;</td>
<td>530</td>
<td>Psychology of Learning</td>
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<tr>
<td>&quot;</td>
<td>532 (1½)</td>
<td>Psychology of Adolescence</td>
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<td>&quot;</td>
<td>552 (1½)</td>
<td>Mental Hygiene in the Classroom</td>
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<td>&quot;</td>
<td>560 (1½)</td>
<td>Teaching in the Secondary School</td>
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<td>&quot;</td>
<td>581 (1½)</td>
<td>Methods of Educational Research</td>
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<td>&quot;</td>
<td>582 (1½)</td>
<td>Educational Statistics</td>
</tr>
<tr>
<td><strong>English</strong></td>
<td>100/1</td>
<td>Literature and Composition - 1st Year</td>
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<tr>
<td>&quot;</td>
<td>200</td>
<td></td>
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<tr>
<td>&quot;</td>
<td>421</td>
<td>Theatre Practice</td>
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<td>&quot;</td>
<td>430 or</td>
<td>The Romantic Period</td>
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<td>&quot;</td>
<td>432</td>
<td>Victorian Prose</td>
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<td>&quot;</td>
<td>433</td>
<td>Early Modern Period</td>
</tr>
<tr>
<td><strong>French</strong></td>
<td>110</td>
<td>First Year University French</td>
</tr>
<tr>
<td><strong>Geography</strong></td>
<td>104</td>
<td>Geography of the Soviet Union</td>
</tr>
<tr>
<td>&quot;</td>
<td>101</td>
<td>Elementary Physical Geography</td>
</tr>
<tr>
<td>&quot;</td>
<td>307</td>
<td>Human and Political Geography</td>
</tr>
<tr>
<td><strong>German</strong></td>
<td>90</td>
<td>Beginners' German</td>
</tr>
<tr>
<td><strong>History</strong></td>
<td>203</td>
<td>Canada West of the Great Lakes</td>
</tr>
<tr>
<td>&quot;</td>
<td>311 or</td>
<td>From Empire to Commonwealth</td>
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<tr>
<td>&quot;</td>
<td>318 or</td>
<td>Britain Under the Tudors and</td>
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<td>&quot;</td>
<td>415 or</td>
<td>Stuarts, 1485-1688</td>
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<td>&quot;</td>
<td>419</td>
<td>Europe, 1815-1914</td>
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<tr>
<td>&quot;</td>
<td>404</td>
<td>Great Britain Since 1688</td>
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<td>&quot;</td>
<td></td>
<td>The French in North America</td>
</tr>
<tr>
<td><strong>Linguistics</strong></td>
<td>319</td>
<td>General Introduction to Modern Linguistic Science</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>101</td>
<td>Algebra, Geometry and Trigonometry</td>
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<tr>
<td>&quot;</td>
<td>201</td>
<td>The Mathematical Theory of Investments</td>
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<td>&quot;</td>
<td>202</td>
<td>Calculus</td>
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<tr>
<td>&quot;</td>
<td>306</td>
<td>Topics in Algebra and Geometry</td>
</tr>
<tr>
<td><strong>Philosophy</strong></td>
<td>100</td>
<td>Introduction to Philosophy</td>
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<tr>
<td>&quot;</td>
<td>304</td>
<td>Social Philosophy</td>
</tr>
<tr>
<td><strong>Physics</strong></td>
<td>100</td>
<td>Elementary Physics</td>
</tr>
<tr>
<td><strong>Political Science</strong></td>
<td>310</td>
<td>Public Administration</td>
</tr>
<tr>
<td><strong>Psychology</strong></td>
<td>100</td>
<td>Introductory Psychology</td>
</tr>
<tr>
<td>&quot;</td>
<td>403</td>
<td>Mental Measurement and Psychological Tests</td>
</tr>
<tr>
<td><strong>Sociology</strong></td>
<td>200</td>
<td>Introduction to Sociology</td>
</tr>
</tbody>
</table>
Dean Chant)  That the courses listed be approved and that the Summer Session Committee be authorized to make such minor changes or additions as may prove necessary.  Carried.

Department of Soils

The report of the Committee on Proposed Establishment of a Department of Soil Science, which was tabled by Senate on October 21st, 1953, was returned to the agenda for discussion. Considerable discussion took place and the distinction was drawn between soil science and soil mechanics. Dr. MacKenzie stated that in the final result the establishment of this Department might not mean an additional department, but might mean rather a reorganization of certain existing departments.

Dean Eagles)  Mr. English)  That Senate advise and consent to the establishment by the Board of Governors of a Department of Soils, as recommended by the Committee on Proposed Establishment of a Department of Soil Science.  Carried.

Reports of Committees

Prizes, Scholarships and Bursaries

Awards

Dean Gage, Chairman, presented a recommendation that The Britannia Mining and Smelting Company Limited Scholarship, $250.00, be presented to John Adrian Claude Fortescue; that there be no award of The Cariboo Gold Quartz
Mining Company Limited Scholarship; and that The R. J. Pop Scholarship in Wildlife Biology, $150.00, be awarded to Percy John Bandy.

A further recommendation was received that the British Columbia Electric Railway Company Limited Proficiency Scholarship, $200.00, which was awarded to Mr. Johann Erickson, be cancelled since Mr. Erickson has withdrawn from the course; and that the second instalment, $300.00, of the British Columbia Telephone Company Scholarship in Engineering and Physics, $600.00, be not paid to Mr. David Kendall Adams, who now proposes to go into the field of patent law.

New Awards
Acceptance was recommended of new awards, described as follows for purposes of the Calendar:

The International Brotherhood of Electrical Workers (Local 213) Bursary
This bursary of $100.00, the gift of the International Brotherhood of Electrical Workers, Local 213, has been donated to assist a deserving student who, without financial help, would be unable to begin or continue his University studies. It will be awarded to a student planning, after graduation, to work in the field of industrial relations. In making the award, preference will be given to members of the Union or their dependents.

The Sandoz Prizes in Clinical Microscopy
A copy of the "Sandoz Atlas of Haematology", the gift of Sandoz Pharmaceuticals, Montreal, will be awarded to each of the ten leading students in the subject of Clinical Microscopy.

The Hamber Gold Medal
A gold medal, presented by the Honourable Eric W. Hamber, C.M.G., B.A., LL.D., Chancellor of this
University from 1944 to 1951 and Chancellor Emeritus since 1951, will be awarded annually to the student graduating in the Faculty of Medicine with the most outstanding record throughout the medical course.

**The Dr. Walter Stewart Baird Memorial Prize**

This prize of $50.00, the gift of Mrs. W. S. Baird and Mrs. W. C. Gibson, will be awarded annually in the Faculty of Medicine to the student presenting the best graduation dissertation.

**The St. Paul's Hospital Medical Staff Bursary**

An annual bursary in the sum of $300.00 will be granted by St. Paul's Hospital Medical Staff for a student in the Faculty of Medicine, University of British Columbia, who has shown satisfactory scholastic attainments and is deserving.

**The Vancouver and District New Jazz Society Scholarship in Music**

A scholarship of $100.00, the gift of the Vancouver and District New Jazz Society, is available annually for a student completing the Third Year in Arts and Science with high over-all standing and proceeding to the final year for the B.A. degree. The award will be made to the student taking a major in Music who is considered by the Department to be the most outstanding in the field. If in any year no student is sufficiently well qualified, the award may be withheld.

**The Society of Automotive Engineers Scholarship**

A scholarship of $100.00, the gift of the British Columbia Section of the Society of Automotive Engineers, is available annually for a student completing the Second or Third Year in a field of study allied with automotive engineering and proceeding to the next year of his course. The award will be made by the Scholarship Committee of the University in consultation with the adviser of the Society on the campus to a student showing outstanding promise and ability in automotive engineering or allied fields of study. In making the award, consideration will also be given to the student's over-all academic record.
Dean Gage reported for information that a fund, to be known as The Dean of Law Students' Assistance Fund had been established by two donations of $250.00 each from General J. A. Clark and Mr. R. H. Tupper, the fund to be disbursed by the Dean of the Faculty of Law and the Chairman of the Committee on Prizes, Scholarships and Bursaries, subject to the usual approval by the Board, to students in Law who require assistance. It was noted that assistance would be given from this fund in the form of bursaries or loans in the following order of priority:

(a) to the sons of the widows of veterans;
(b) to the sons of veterans;
(c) to the sons of widows;
(d) to the sons of clergymen.

It was further reported for information that Mr. Walter D. Frith had made a donation of $500.00 to The Walter D. Frith Student Aid Fund for the third successive year.

He also reported that two lectureships, as follows, had been established:

The CIBA Lectureship

Through the generosity of CIBA Company Limited, a lectureship has been established on an annual basis to provide a distinguished speaker on some topic connected with medical education or research.

The Simmons Lectureship

Through the generosity of Mr. Edward Simmons, a lectureship has been established on an annual basis which will bring to the University a distinguished lecturer in some field of medical research.
A report was received that the name of the entrance scholarship provided by the University Women's Club of New Westminster had been changed from "The New Westminster University Women's Club Scholarship" to "The University Women's Club of New Westminster Scholarship", and the terms of award revised to make students from Burnaby and Coquitlam, as well as those from New Westminster, eligible for the scholarship.

Dean Gage) Mr. Knapp) That the scholarship awards and the cancellation of awards be approved as recommended; that the new awards offered be accepted and that letters of thanks be sent to the donors. 

Carried.

Student Exchange Programme, University of Washington and British Columbia

Dean Gage presented a proposal that a student exchange programme be set up between the University of Washington and the University of British Columbia. After some discussion,

Dean Gage) Dr. Cowan) That an exchange programme be considered on the assumption that it might include both undergraduate and graduate students, that it be carried out for one year with the University of Washington on a trial basis, and on the basis of that experience that further consideration be given to the matter.

Carried.

Honorary Degrees

Dean Angus, Chairman of the Committee, reported that while the Committee had not met recently it had a
number of names before it which had been recommended for honorary degrees, and he stated that at the next meeting of Senate a more formal report with definite recommendations for the conferring of honorary degrees at the Spring Congregation would be presented.

Admission of Korean Veterans

The Secretary read the following recommendations of the Committee on Admission of Korean Veterans:

1. That students approved for benefits by D.V.A. be admitted on the same basis as Veterans of World War II; i.e., a minimum of English 40, and three other courses numbered 90 or above, or the equivalent.

2. That students not approved by D.V.A. be dealt with on an individual basis.

Dean Gage )
Dean Chant) That this report be approved.

Carried.

Report of Librarian

The Report of the University Librarian to the Senate, for the year September, 1952 to August, 1953, was received and copies circulated.

Dr. Sage )
Dean Gunning) That congratulations be extended to the Librarian and the Library Committee on the excellence of this report.

Carried.

It was agreed that the Report should be returned to the agenda of the next meeting of Senate, and the President suggested that he would invite Mr. Harlow, the Librarian, to be present for any discussion that might arise.
Report of Director of Student and Personnel Services

Mr. J. F. McLean, Director of Student and Personnel Services, was present for a discussion of results of the counselling services, as requested by Senate on October 21st, 1953. Copies of a report from Mr. McLean, headed "Summary of Programme and Results of Student Failures 1950-53," dated November 10th, 1953, had been circulated for the information of the members. A lengthy discussion took place and particular note was taken of the opinion expressed in the report that only 5% of student failures are due to lack of scholastic ability. The various counselling services, both formal and informal, on the campus were outlined by Dean Gage, and Dean Chant summarized the work done by Miss Margaret Sage in remedial reading and in aiding foreign students with language problems.

Cooperation with high school counselling services was cited and it was reported that many schools now send the University the results of their counselling services direct, before the student enters University.

Finally, it was agreed that a Committee be appointed to continue a study of this whole question, and to report back to Senate in due course. The President thereupon named the following to serve on this Committee:

Dean W. H. Gage, Chairman
Dean Blythe Eagles
Dean S. N. F. Chant
Miss Mary Fallis
Dr. G. M. Volkoff
Dr. Ian Cowan
Memorandum on Correspondence Courses for Credit

As requested by Senate on October 21st, 1953, copies of the Report on Correspondence Courses for Academic Credit, submitted by the Committee on University Extension, had been circulated to the members, and the item was returned to the agenda for discussion.

Mr. McDougall asked how many of those taking correspondence courses were teachers and Dean Gage offered to get this information from the Department of University Extension. Mr. McDougall also expressed the hope that these courses could be broadened so that people other than teachers would be interested in taking them, and suggested that more publicity should be given to these offerings outside academic circles; e.g., in weekly publications throughout the Province. It was agreed that these suggestions be referred to the Director of the Department of University Extension to take up with the Committee on Correspondence Courses.

Dean Gage
Mr. MacCorkindale) That this Report be accepted. Carried.

Report on Enrolment in Correspondence Courses

Copies of a report dated December 9th, 1953, on
enrolment in Correspondence Courses, giving total enrolment
to November 17th, 1953, had been circulated for information.
Mr. Wood commented on the problem of expiration of time in
the case of many students who undertake these courses and
reported that to offset the high percentage of incompletions
in the courses a system of writing to each student individually
was adopted during the past year and that this had proved
effective in re-activating many students and permitted the
administration to ascertain from others their intentions as
to whether or not they would continue.

Victoria College Council

In the absence of Dr. Hickman, no report was
received on activities at Victoria College.

Correspondence

Dr. C. B. Conway

In connection with the enquiry of Dr. Daniells
at the October 21st meeting of Senate concerning the
probable enrolment in the next ten year period, a letter
dated November 17th, 1953, was read from Dr. Conway, Director,
Division of Tests, Standards and Research, Department of
Education, Victoria, giving an estimate of Grade XII enrolment
up to the school year ending 1969. In addition Mr. Wood
referred to a recent bulletin of the American Associate of
Collegiate Registrars, giving figures for the United States,
and noted that in 1970 the number of people of college age
in the State of Washington would be 269% of the present total.
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In the light of the above information, it was estimated that in 1969 the registration at this University would be approximately double the current registration.

Dr. Gibson  
Mr. McDougall) That a committee be constituted to consider the problems presented by the expected influx of students at the University over the next ten year period.  

Carried.

Letters of Acknowledgement

Letters of acknowledgement were received from Mrs. Norma McGregor on behalf of the family of the late Dr. Chris Spencer, in connection with a letter of sympathy sent from Senate at Dr. Spencer's death; from Mr. Colin Mackay, in connection with congratulations sent on his appointment as President of The University of New Brunswick; from Dr. A. F. Barss in connection with his appointment as Professor Emeritus of Horticulture; and from Professor G. J. Spencer in connection with his appointment as Professor Emeritus of Zoology.

Other Business

Dr. MacKenzie referred to the receipt of a letter dated December 9th from Mr. J. A. Whitmore, Managing Director, Allied Florists and Growers of Canada, Inc., expressing appreciation for the Growers' Short Course held at the University in October, 1953.

The President also referred to the illness of Dr. T. M. C. Taylor and expressed the hope that he would make a
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complete and quick recovery. The members of Senate expressed their regret and sympathy.

Dr. Wright asked if any consideration was being given at present to the possibility of offering a B.Sc. degree to students completing a course in pure science.

Dr. Wright)
Dr. Volkoff) That this matter be referred to the Faculties of Applied Science and Arts and Science for consideration. Carried.

There being no further business, the meeting adjourned.

Chairman.

Secretary.