

The Minutes of the 38th meeting of the Faculty Council of Science held on Wednesday, October 17th, 1979 at 3:40 p.m. in room 207 Buller Building.

Members Present: Dr. C. C. Bigelow, Chairman; Professors P. K. Isaac, B. D. Macpherson, E. Shiu, J. Klassen, H.D.B. Wilson, R. W. Quackenbush, N.S. Mendelsohn, D. A. Young, H. E. Welch, F. J. Ward, B.W.Southern, M. Sumner, B. Irvine, G.G.C. Robinson, J. Reid, R. G.Woods, D. Johnson, G. Losey, H. E. Kane, P. L. Ellis, R. Hawirko, D. N. Burton, I. Suzuki, J.C.Jamieson, G. Klassen, A. Olchowecki, L. van Caesele, R. M. Lyric, S. K. Sinha, M.J.A. Besler, G.I.Paul, S. Cheng, J. Brewster, J. A. Wright, R.S.D. Thomas, C.K.Gupta, N.E.R. Campbell, F. M. Kelly, H.B.LeJohn, J.M.Stewart, R.H.Betts, W.G.Baldwin, E.M.Kartzmark, A.N.Campbell, C.E.Palmer, T.A.Dick, P. McClure, L. Kruczynski, H.D.Gesser, R. Wallace, N.R. Hunter, K. Subrahmaniam, Kathleen Subrahmaniam, T.G.Berry, D. Punter, A.C.Turnock, D.H.Hall, W. Moon, F. Konopasek, G.E. Dunn, J. McKee, H.R. Coish, N. Losey, A. H. Morrish, N.D.Gupta, H.W.Duckworth; Messrs. F. Penkava, H. Christianson, Ronald N.Thompson, B. Jones; Ms. P. Ramlal; S. Catt, Secretary (72).

Regrets: Messrs. R. Timlick, W. Barker, Ms. C. Bahde; Professors F.G.Stambrook, R.A.Johnson, R.Dowling, J.M.Shay, S.G.Sealy, B.R.Henry, J.P.Svenne, H. Lees.

Visitors: Mrs. D. Derenchuk, Mr. V. Taylor.

The attached tribute to Dr. G. M. Brownell was accepted by standing vote of the Council and it was agreed the tribute be included with the Minutes of this meeting and a copy be sent to Dr. Brownell's family.

The Chairman and new Dean of the Faculty, Dr. C. C. Bigelow, introduced himself to the Council and expressed his appreciation for the help and support he has received from Department Heads and staff, and spoke of his expectations for the Faculty.

1. The Minutes of the 37th meeting held on April 25, 1979 were approved McKee/many.
2. There were no matters of business arising from the minutes.

Inter-Departmental Correspondence

DATE October 29, 1979

TO All Members of the Faculty Council of Science

FROM C. C. Bigelow, Dean of Science

SUBJECT: Travel Funds

Article 27 item 3 of the UMFA Agreement states "On October 1st and February 1st each year, the dean/director will advise Members as to the amount of travel funds expended or committed and the balance remaining, if any."

As of October 1, 1979 travel funds in the faculty amounting to \$13,440.90 have been either spent or committed. Balance remaining is \$24,273.10.

The above totals were obtained from the September Monthly Operating Report.

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The Chairman asked to move to item 9 of the agenda, appointments of Professors Emeritii. Dr. D. H. Hall read a letter (attached) he had written to the Dean recommending Professor E. I. Leith be named Professor Emeritus and this was APPROVED unanimously on a motion by Dr. Hall/Wilson.

Dr. J. Reid read a letter (attached) he had written to the President recommending Professor E. R. Waygood be named Professor Emeritus and this was also APPROVED unanimously on a motion by Dr. Reid/Robinson.

4. Introduction of New Members

- (1) Dr. D. H. Hall introduced Dr. W. Moon from the Department of Earth Sciences.
- (2) Dr. J. Reid introduced Mr. M. Sumner from the Department of Botany.
- (3) Dr. A. H. Morrish introduced Dr. B. W. Southern from the Department of Physics.
- (4) Dr. S. K. Sinha introduced Mr. M. Besler from the Department of Statistics.
- (5) Dr. G. E. Dunn introduced Dr. O. Bhatnagar and Dr. L. Krucyzinski from the Department of Chemistry.
- (6) The Senior Stick introduced Mr. Ronald N. Thompson and Mr. Frank Penkava from the Science Students' Association.

3. Communications

- (1) The Chairman announced that the Science Library will not be required to cut Journal subscriptions this year. For this he gave credit to Dr. T. Dick, Chairman of the Science Library Committee, and a group of graduate students who petitioned the new Director of Libraries.
- (2) Tenure Committees: As no applications for tenure had been received this year, no committees were necessary.
- (3) Professional Development Fund: Departmental offices have extract from Dr. Wells' letter of August 31, 1979 regarding claims for reimbursement. Such claims should be forwarded to the Dean's Office and will be processed in December, with payment in January, for the period 1 April 1979 - 31 December 1979.
- (4) Sabbatical Leave Application deadlines: Several last-minute applications were received in the Faculty Office this year. The Chairman noted the deadline for receipt of applications by the central administration is set out in the UMFA Collective Agreement.

- (5) Professor Macpherson gave a comparison of this year's enrolment figures with those of last year, showing a decrease of 5 Fulltime and 35 Parttime in Year I, a decrease of 27 Fulltime and 29 Parttime in Year II. He noted that in other Western Canadian universities parttime enrolment is increasing. Last year we were 15.17% of fulltime enrolment at the University, this year we are 15.63%. Arts fulltime enrolment is down 5% this year. Science ugsch this year are 89339 as compared to 91054 last year, a drop of nearly 2%. Graduate enrolment in Master's program is down 19 from last year's fulltime enrolment, and up 4 in parttime enrolment.
- (6) Entrance scholarships: The University gives 226 entrance scholarships and this year 74 went to first year Science students, 56 to Arts, 41 to Engineering.
- (7) Professor Isaac reminded members of the 75th Anniversary celebrations coming up, and also of the Convocation which would recognize our anniversary by awarding an honorary degree to a former student and distinguished scientist, Professor J. F. Allen. He hoped there would be a large turnout for the occasion.

5. Academic Regulations

(i) Professor Macpherson presented the proposed changes to the Biology Departments' Honours regulations (attached) which had been vetted by the Executive Committee, and moved/Reid that these be approved.

CARRIED

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(ii) Regulations applicable to students who misread the examination timetable: It was felt the old regulation whereby a student who misread the timetable was charged with an attempt and received a grade of F-NP which was calculated into his/her grade point average was somewhat harsh. The Dean's Office had some time ago written to Department Heads requesting their opinions and the regulation had been looked at by the Committee on Student Standing who had recommended that though the grade of F-NP should continue to appear on the student's transcript, once an examination had been written the F-NP would be dropped from the grade point average calculation. Professor Machperson moved/Ward that this change be approved.

Dr. Samoiloff felt the regulation to be impractical and punitive and designed for ease of administration. Not all students who misread the timetable go to the Dean's Office but to the instructor who generally sets a special examination and reports the grade in the usual way, while others who do go to the Dean's Office face a penalty, i.e. a grade of F-NP and an attempt charged. He said Science is the only Faculty where notation of students' actions other than performance remain on the student's transcript. Dr. Morrish also didn't like the regulation. He recognized there were students who would take advantage of it to defer an exam for which they were not prepared but wondered if it was fair to students who legitimately did misread the timetable. Dr. Kelly wondered how many students misread the April timetable and the number was estimated to be between 5 - 15. Dr. Samoiloff moved that:

"cases of this type be handled by the Departments".

As this motion was in direct opposition to the intent of the proposed regulation the Chairman ruled it out of order and suggested the proposal be referred back to the Executive Committee for consideration. Dr. Samoiloff so moved seconded by T. Berry.

CARRIED.

(iii) Minimum grade requirement for entry to a Major: Professor Macpherson outlined the old regulation and the proposed change, which would not allow a department to waive the prerequisite "C" grade in the appropriate designated course without referral to the Dean's Office. He moved/K. Stewart approval of the proposed new regulation.

Dr. Palmer asked if the prerequisite applied to courses being transferred in from another institution and the response was that we transfer credit but not grades.

The motion was

CARRIED
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(iv) Second Degree Regulations: The present regulations were for students seeking a second degree after a BA at the University of Manitoba and were designed for the three-year Major which is being phased out. The proposed new regulations would apply to the 3-year General Degree. It was moved Macpherson/Reid that

"the proposed new regulations be approved"

CARRIED
nem.con.

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A regulation was proposed to apply to students seeking a second degree after a BA at the University of Manitoba in the 4-year Major program.

It was moved Macpherson/Welch that

"the proposed regulations be approved"

CARRIED
nem. con.

6. Course Changes

Professor Macpherson reminded Council of the procedures approved by it i.e. that the course change proposals were considered first by the Department concerned, then forwarded to the Committee on Courses for vetting, after which they went to the Executive Committee which Faculty Council had authorized to approve subject to Faculty Council members being able to raise questions at Council meetings.

Dr. Mendelsohn stated his objection to courses being approved which are identical in content to courses already being given in another department. He also noted that in the past one department has had to request assistance from another in teaching such courses when the course proposals had stated that there were no resource implications.

Dr. Jamieson raised the question of the new biochemistry course designed for Ecology students not being suitable for students intending to continue in senior biochemistry courses. He felt the new course is in effect a terminal course.

Professor Macpherson noted that after the Executive had vetted and approved the course change proposals Chemistry had come forward with a further change. Entry to their Honours and Major programs has a requirement of 13.139/143. There may be a substantial number of students who continue to enrol in 13.139/149 and these would not be able to enter the 4-year Major or Honours programs. The Earth Sciences department has a footnote to their program which states that 13.145 or 149 may be substituted for 143, and Chemistry would like to add a similar one. Professor Macpherson moved/Dunn on behalf of the Chemistry Department that this change be approved.

CARRIED.

As there were no other questions, the course change proposals will now go forward to the Senate Committee on Curriculum & Course Changes.

7. Report from the Executive Committee

Dr. R. G. Woods reported 4 meetings had taken place since the last Faculty Council meeting.

- (1) at the last meeting October 10, 1979 the Executive passed a motion requesting the Computer Science Department to review the requirements of its Honours Program. This was in response to a concern expressed to the Dean by Senate about the restrictiveness of the program.
- (2) The Executive received a report on the 75th Anniversary preparations and planned events.
- (3) The status of the Report on Affiliation was received - nothing further to report after an expanded ad hoc committee had looked at the original report (which had been referred back to it from Faculty Council) and found themselves in agreement with the original report.
- (4) Several courses from outside the Faculty of Science were approved for credit for Science students. The procedure for requesting such approval was outlined.

8. Report from Senate

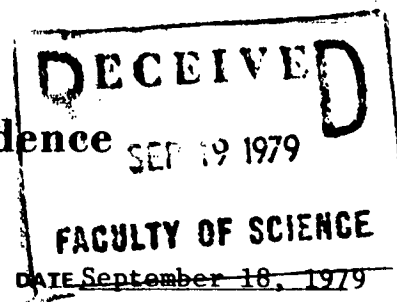
Dr. McKee reported on the last Senate meeting, at which there had been discussion of a proposed Master's program at Brandon University, of policy in the Book Store regarding ordering of books - the Book Store appeared reluctant to order as many as instructors requested for their classes; discussion of operating estimates and the grant requested, comparison of Manitoba's situation with that of other universities, research funds coming into the university, etc.

10. Other Business

There was no other business.

On a motion by Reid/many the meeting adjourned at 5:05 p.m.

Inter-Departmental Correspondence



TO C. C. Bigelow, Dean, Faculty of Science

FROM D. H. Hall, Head, Department of Earth Sciences

SUBJECT: PROFESSOR EMERITUS STATUS FOR PROFESSOR E. I. LEITH

Outlined below are reasons why I believe that Professor Leith merits Professor Emeritus status.

First of all, Professor Leith has been one of the outstanding teachers of geology in this department. Thousands of former students all over the world remember when they received a course or courses from Professor Leith. When he retired in 1971, graduates who remembered him gave an Ed Leith party in Calgary. The party was attended by several hundred people, including delegations from other centres such as Winnipeg.

I have travelled to a number of centres in Canada and the United States recently, where I have been asked "What is Ed Leith doing these days?", and of course, we are now eight years past his retirement date. He has continued with lecturing in and popularization of geology since his retirement, having given a course every year on post-retirement appointments, the last of which ended in April of this year.

He is spending the present year, for which he refused any stipend, in annotating and cataloguing the large collection of specimens which he has gathered, so that they can continue to be used in teaching in the department. He gives popular talks to outside audiences regularly. His most recent involvement has been with groups from the Museum of Man and Nature, and he has taken part with Continuing Education projects at Stony Mountain Penitentiary.

It would enhance our image if he were to continue to be associated with the university as an Emeritus while carrying out these activities. His continuing presence in the department is beneficial to staff and students, and it creates something very worthwhile in any department to have a living link with the early history of the department. He began here as a student in 1925 and has been associated with the university almost continuously since then.

I would visualize that Professor Leith's main activity while a Professor Emeritus would be in the popularization of science. This is an activity which is much needed in science at the present time. Our department has indicated unanimously their support of this recommendation, at a meeting of our Department Council today.

DHH/file

Don H.



The University of Manitoba

Department of Botany

Winnipeg, Manitoba, Canada R3T 2N2
October 3rd, 1979.

Dr. D.R. Campbell,
President,
University of Manitoba.

Dear President Campbell:

On October 1st, on behalf of the Departmental Council of the Department of Botany, I completed a President's No. 1 form recommending that the Board of Governors appoint Dr. E.R. Waygood, Professor Emeritus in this department.

As you are aware, Roy Waygood retired from the service of this University on September 30th, after 25 years of outstanding service to this department, the University of Manitoba, and the Canadian scientific community, 20 of these years as Head of this department.

During his professional career, Roy Waygood directed 15 Ph.D. and 17 M.Sc. candidates and had, as coworkers, 15 Post-doctoral Fellows or Professional Associates. He has authored, or coauthored over 80 publications and reports and has had his work recognized internationally. This has been demonstrated by the numerous occasions on which he has been an invited participant to various international symposia.

While his awards and honors have been many, perhaps those which most clearly indicate the worth of his scientific contribution are:

- (1) Election as a Fellow of The Chemical Institute of Canada, 1957.
- (2) President, Canadian Society of Plant Physiologists, 1960.
- (3) Awarded the Canada Medal, 1967.
- (4) Elected, Fellow of the Royal Society of Canada, 1971.

Recently, you attended a testimonial dinner held by this department in honour of Roy and Adorée Waygood on the occasion of his retirement. I am sure that this occasion demonstrated, more than my mere words can do, how truly esteemed Roy is by his

Dr. D.R. Campbell,
October 3rd, 1979.

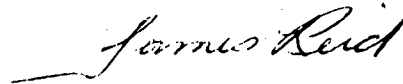
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colleagues, both here and throughout the world - a true recommendation for the appointment we have proposed.

I hope you will agree, and endorse this recommendation.

Thank you.

Yours very truly,

A handwritten signature in cursive script that reads "James Reid". The signature is written in dark ink and is positioned above the typed name.

James Reid,
Professor and Head.

JR:dmc

MEMORIAL TO GEORGE M. BROWNELL

Professor George McLeod Brownell was born in Truro, Nova Scotia in 1899 and moved to Winnipeg with his family in 1912. He attended the University of Manitoba where he was President of the Students Association and received his B.Sc. in 1923 and M.Sc. in 1925. He took his Ph.D. at Minnesota in 1928 after being awarded a University travelling fellowship. He was elected a fellow of the Royal Society of Canada in 1951.

Dr. Brownell received his first staff appointment at the University of Manitoba in 1923 when he was appointed full-time graduate demonstrator in Chemistry and Geology, becoming Demonstrator in Geology in 1925. He was a Lecturer at the University of Minnesota from 1926-28 while completing his Ph.D. He was again appointed to the staff of the University of Manitoba Geology Department in 1928 and rose to become Professor and Head in 1945. He headed the department during the great post-war expansion period, retiring in 1965. He was also Dean of Graduate Studies for many years prior to the formation of the Faculty of Graduate Studies. He was appointed Professor Emeritus following his retirement and kept in regular touch with the department while contributing valuable advice and committee work in areas of interest to the department.

Dr. Brownell's early research primarily concerned ore deposits and culminated with the award of the Barlow Memorial Prize of the Canadian Institute of Mining and Metallurgy in 1935. His later research was mainly with Dr. Robert Pringle and Dr. Kenneth Roulston during the development of the scintillometer and its application to the exploration for radioactive materials and the exploration for petroleum. This important research resulted in the award of the Inco Platinum Medal, the highest award of the Canadian Institute of Mining and Metallurgy. Dr.

Brownell was a fellow of several national and international societies as well as an active member and officer of many local societies and clubs, an indication of his willingness to work so actively in the community.

Dr. Brownell will always be remembered by his staff and students for his bounding energy, the interest and enthusiasm of his lectures, and his willingness to undertake any task, regardless of how difficult or how trivial, always for the benefit of his colleagues and students, without regard to the cost to himself.

The faculty extends its sympathy to his wife Genevieve who seemed as much a part of the department as George, also to his daughters and sons and grandchildren. He shall be remembered fondly by us all.

Inter-Departmental Correspondence

DATE October 9, 1979

TO All members of the Faculty Council of Science

FROM Sheila Catt, Secretary *SC*

SUBJECT:

Sat 27th

The Thirty-Eighth meeting of the Science Faculty Council has been scheduled for Wednesday, October 17 at 3:40 p.m. in Room 207 Buller Building.

A G E N D A

1. Approval of the Minutes of the 37th meeting held on April 25, 1979.
2. Matters arising therefrom.
3. Communications.
4. Introduction of new members.
5. Academic Regulations:
 - (i) Changes to Honours regulations in the Biology departments. ✓
 - (ii) Regulations applicable to students who misread the Exam Timetable - proposed modification.
 - (iii) Minimum grade required for entry to a Major.
6. Course Changes.
7. Report from the Executive Committee.
8. Report from Senate.
9. Appointment of Professors Emeritii: Dr. E. Leith
Dr. E. R. Waygood
10. Other Business.

Material regarding items 5 and 6 will be delivered to the departmental offices in advance, and a copy will be available in the Dean's Office for perusal.

sc/nl

P. K. Isaac
Associate Dean of Science