

January 24, 1975

## Inter-Departmental Correspondence

DATE January 15, 1974

TO ALL MEMBERS OF THE FACULTY COUNCIL OF SCIENCE

FROM G. Richardson, Secretary

SUBJECT:

The nineteenth meeting of the Faculty Council of Science has been called for Friday, January 24, 1975, at 2:40 p.m. in Room 207 Buller Building.

### A G E N D A

1. Approval of the minutes of the eighteenth meeting held on December 19, 1974.
2. Matters Arising Therefrom.
3. Communications.
4. Report from the Executive Committee.

(i) Challenge Examinations

Motion passed in the Faculty Council Executive Committee at the twenty-eighth meeting held on Friday, January 10, 1975.

"Courses should be offered for challenge only when a department is reasonably confident that the evaluation of students by this mechanism is comparable with regular evaluations and further recommends as a matter of policy in the Faculty of Science that this Faculty record and use grades obtained by way of challenge in exactly the same manner as for those obtained by the regular means".

Carried.

7 in favour  
1 opposed  
1 abstention

(ii) Naming of N.E.M.P. building (see attached material)

5. Report from the Senate.
6. Other Business.

/nr

Notes on Archbishop Machray

From: The Life of Archbishop Machray

In the early days of the University when students were few, the courses of study were pretty well confined to Classics and Mathematics, but as the country grew, students and the courses of study alike multiplied, and St. John's and the other Colleges forming the University found great difficulty in providing the necessary facilities, especially with respect to the teaching of Natural Science. The Archbishop's sympathies went entirely with a wide extension of University instruction, and as the Colleges were thus not sufficiently equipped, he headed several deputations from the University to the Government of Manitoba, with a view to the appointment by the Government of Professors in Natural Science.

The Manitoban Government decided to erect buildings suitable for the teaching of Natural Science in the University, and they erected them on a site which, while it was only half a mile from Manitoba and Wesley Colleges, was three miles from St. John's College and nearly two miles from St. Boniface College. The distance was felt to be a great handicap to St. John's, and a movement was set on foot for the purpose of building a new St. John's College close to the Government University buildings.

From: The University of Manitoba Quarterly

The Celtic gift of vision derived from his Highland ancestry; the rugged tenacity, fruit of his Lowland Scotch training; the wide culture given him by his residence at Cambridge, where he graduated and was afterwards Fellow and Dean of Sidney Sussex College; all left their mark, all were of use in his career, but the man himself was something more than these. He had that spark of divine fire, which we call genius. Three qualities he had in a marked degree.

Immediately after his arrival he set about rebuilding the old school house, getting his old schoolfellow, Rev. John McLean, afterwards Bishop of Saskatchewan, to come to be first Warden of the College; inducing Rev. S. Pritchard, who was carrying on a school at Middlechurch, to join the staff and bring his boys with him; and taking over himself the work of one professorship in the College, and the teaching of mathematics in the School attached to it.

His was one of the most powerful influences in bringing about the founding of the University of Manitoba, and it was in the fitness of things that he became its first Chancellor.

From: Records of Conferences of the Dioces

May 30, 1866

"A very valuable and well selected Library was formed by Bishop Anderson, for which a room is set apart in Bishop's Court. The books were given partly for a Diocesan Library for the Clergy, partly for St. John's College. I think the better arrangement will be to consign it to St. John's College,

giving to the Clergy of the Diocese the same rights as to members of St. John's. We have to thank my friend Mr. Macmillan, of the firm of Messrs. Macmillan & Co., for a very kind and valuable gift of books published by that eminent firm. I brought out, for the purpose of adding to the Library, a few standard books of reference, which I happened to have in my library and which I have given at half-price. I have also presented to the Library seventy volumes including some valuable works, and brought out twelve volumes from friends.

May 29, 1867

n.b: from the revival of St. John's College in 1866, Bishop Machray acted as "Mathematical Master".

February 24, 1869

"The University of Oxford gave £150 worth of valuable works published by the university. The University of Cambridge gave me a copy of all its publications.

"The Secretary of State for India in Council, Mr. Macmillan, Mr. R. Potts of Cambridge, and others made valuable gifts of books.

"Mrs. Macallum presented a library of 400 volumes in memory of her late husband, the Rev. John Macallum (of the Red River Academy).

"Several authors gave me their works or some of them, as the Dean of Chichester, the Bishop of Lincoln, the Dean of Canterbury, and Cannon Robertson.

"Before I left for England, Professor Kingston, of Toronto, opened up communication with Archdeacon McLean and myself, expressing the favor he would regard it, if St. John's College would undertake to perform in Manitoba the meteorological duties belonging to a chief station. We undertook to do so. When in England, I made arrangements with Mr. Scott, of the meteorological office, for the best instruments. I hope to have an anemograph put up when the new wing of the college that is proposed is erected. Mr. Flett one of the students of St. John's College was sent to Toronto, to make himself familiar with the duties of such a station, and he now in the most careful manner conducts the observations...."

From: Charge to Synod

November 23, 1881

"...We also need greatly at least two tutors - whom I propose to call Fellows - to take charge of the general instruction in Arts, more especially in mathematics and natural science..."

From: Charge to Synod

October 29, 1884

"...We also urgently need a good mathematical scholar, able to teach higher mathematics, if required, and to take charge of the observatory, which we hope shortly to have established. For this observatory I received lately a set of very fine instruments: a transit instrument, astronomical clock, and chronometer, the generous gift of the kind friends, Mrs. and Miss Macallum, who have already made several similar gifts..."

n.b.: A College prospectus of cal886 still lists Bishop Machray as "Lecturer in Honor and Senior Mathematics". ditto cal896

From: Charge to Synod

October 29, 1889

"...while believing that some subjects can be better taught by lecturers or tutors in College, I have ever looked for the full extension of University education to the foundation of chairs in the University, especially in those branches of natural and applied science, for the full study of which a large staff of teachers is required and very expensive equipment and buildings, and I am glad that there is a prospect of an early foundation of such chairs..."

n.b.: at his death in 1904 the bulk of Machray's personal library came to the College Library. To judge from the items which surface from time to time his interests were wide: of course, much in theology and in mathematics.

Minutes of the nineteenth meeting of the Faculty Council of Science held on Friday, January 24, 1975 at 2:40 p.m. in Room 207, Buller Building.

Members Present: Dean R.D. Connor (Chairman), N.E.R. Campbell, G. Steindel, K. Cobor, H. Peat, G. Slobodian, J. Kraemer, B.R. Henry, D.A. Young, P. Kroeker, J. Eales, H.E. Welch, H. Halvorson, J. Rauch, F.J. Ward, R. Dowling, G. Losey, N. Losey, G. Woods, J. Berry, J.A. Gerhard, H. Gesser, S. Sinha, K. Subrahmaniam, P. Loewen, D. Burton, T. Dandy, A. Olchowecki, O.N. Bhatnagar, G. Dunn, B. Smith, R. Corbet, K. Subrahmaniam, E. Bock, D. McKinnon, J. Charlton, N.R. Hunter, J. Svenne, D. Johnson, D. Jonasson, I. Cooke, J. McKee, R.H. Betts.

Regrets: H. Lees, W. Brisbin, M. Samoiloff, W.M. Sibley, J. Shay, J. Reid, D.O. Wells, D. Punter, A. Morrish, W. Baldwin.

1. Adoption of the minutes of the eighteenth meeting, December 19, 1974.

The minutes of the eighteenth meeting of the Faculty Council held on December 19, 1974 were approved as circulated but with the addition of J. Svenne's name to the list of members present.

G. Losey (G. Dunn)

2. Matters arising therefrom:

Dean Connor reported that consideration of the IV year General Degree program was continuing at the departmental level. Similarly, the matter of Departmental Councils is also under consideration. It is hoped that departmental council bylaws will be brought before Faculty Council in the very near future.

3. Communications.

None reported.

(1) Challenge examinations.

Professor Henry reported that at the last Executive Committee meeting on January 10, the discussion largely centered on the methods by which challenge exams should be reported. After considerable debate and discussion of the three models proposed by the Registrar, the Executive Committee recommended to Faculty Council of Science as follows:

"Courses should be offered for challenge only when a department is reasonably confident that the evaluation of students by this mechanism is comparable with regular evaluations and further recommends as a matter of policy in the Faculty of Science that this Faculty record and use grades obtained by way of challenge in exactly the same manner as for those obtained by the regular means".

Faculty Council discussed this recommendation at length. Professors Lindsey and Quackenbush objected to that portion of the recommendation wherein the designation 'CH' was not to appear on the student record. They pointed out that if the 'CH' was omitted, the students' record would be incomplete since no distinction could be made between grades obtained by challenge and in the regular way. Professor Quackenbush also felt that the challenged grade should not be included in the G.P.A. calculation.

Professor Henry expressed his opposition to the whole tenor of the Executive Committee's recommendation. His view was that the challenge grade be reported as Pass/Fail and the 'CH' be indicated where appropriate. He did not think that the professional faculties would look with suspicion on a challenge designation appearing on the transcript.

Professors Dandy and Bock both spoke in opposition to Professor Henry's view and gave cogent reasons why a letter grade should be assigned for challenge purposes. Professor Betts suggested that Faculty Council should not become involved in extended debate on a matter of this kind but rather should

accept the system proposed by Executive Committee and, if necessary, change it after a fair trial period had been given.

Professor G. Woods asked what impact challenge exams would have on regular transfers of credit. In reply, Dean Cooke stated that where transfers of credit were clearly in order, they would be processed as usual. Where the nature of the transfer of credit was in doubt, a system of challenge exams could be most useful. Professor Gesser reminded Faculty Council that a student intending to challenge for credit must convince the department that he/she is, in fact, prepared in the subject material. Professor Gesser could visualize however, that some difficulties could be expected particularly where laboratory work normally forms an integral portion of the course to be challenged.

At this point, Dean Cooke moved (Mendelsohn) that the recommendation from Executive Committee be voted upon.

In order to simplify the procedure, Dean Connor proposed that the substance of the motion be separated for discussion into its four major components.

1. 'Courses should be offered for challenge only when a department is reasonably confident that the evaluation of students by this mechanism is comparable with regular evaluations'.
2. 'that a letter grade be recorded in the transcript'
3. 'that the grade recorded be used in G.P.A. calculations'
4. 'that the designation 'CH' be not recorded on the transcript'.

After some further discussion and clarification of points with respect to the scheduling of challenge exams, a vote was held on points 1, 2, 4 and 3, in that order.

Points #1, 2 and 3 passed with sizeable majorities; point #4 was defeated.



In consequence of this vote, the recommendation to be sent to the Secretary of Senate in respect to challenge exams will be as follows:

'Courses should be offered for challenge only when a department is reasonably confident that the evaluation of students by this mechanism is comparable with regular evaluations and further recommends as a matter of policy in the Faculty of Science that this Faculty record and use grades obtained by way of challenge, appending the designation 'CH' where appropriate'.

During further discussion of this topic, it was pointed out that various loopholes seemed to exist in the challenge mechanism. For example, a student could 'sit in' on lectures in a course without payment of fees then subsequently present himself/herself for challenge. Dean Cooke felt that Administration should be made aware of potential problems of this kind. He also stated in answer to Professor Woods' question of how challenge exams would affect a departments SCH's, that SPPC was currently looking at this problem in an attempt to find an equitable solution for the departments. Further ramifications will no doubt be explored when the matter is examined again on the floor of Senate.

(ii) Naming of the N.E.M.P. Building.

After a brief review of information concerning Archbishop Machray that was circulated to members of Faculty Council, Professor Henry moved (Cooke) that Faculty Council concur in the recommendation of the name 'Machray Hall'.

In seconding the motion, Dean Cooke observed that in pronouncing the name 'Machray', the accent should properly be placed on the first syllable, i.e. 'Machray'.

Motion carried.

5. Report from the Senate.

Professor Dowling presented his report on the activities of Senate since the last Faculty Council meeting. Since then, Senate has considered

and approved the SPPC report on budgeting practices including a review of the role played by student fees in the total University revenue. This report was subsequently approved by the Board of Governors. The Board further recommended that a joint Board/Senate committee consisting of three members each from Board and Senate be established to conduct a re-examination of student fees. This recommendation was approved by Senate at its January 7, meeting. Professor Dowling further reported that Senate had approved a recommendation reinforcing the policy on transcript records, i.e. 'that each student history, and every transcript, record all registrations in all courses as well as the grades earned in each, in whatever earlier year of registration and at whatever level of success'.

Professor Dowling drew attention to a letter from the Minister of Colleges and University Affairs that appeared in the January 15 issue of the Bulletin. The letter dealt with policy decisions involving Graduate Studies at Manitoba Universities on the Public Involvement in University Research Planning.

He also reported on a special meeting of Senate held on January 14, 1975, which heard the SPPC report on space needs. Members of Faculty Council will find details of this discussion in the Bulletin Issue of January 22 and the matters therein will not be included in these Minutes.

#### 6. Other Business.

Dean Connor announced the meeting of the Science Advisory Committee will be held at 7:30 p.m., February 3, 1975 in Room 250 Allen Building. For this Committee (otherwise called the 50/50 Committee) he pointed out that there was a need to replace three Faculty Members on the Committee and proposed to ask the Senior Stick of Science for his nominations. Dr. N. Losey demurred on the grounds that Faculty Council of Science should elect its own representatives to the 50/50 Committee. After some further discussion it was agreed that Professor N. Losey's name be added to the list of three nominees, i.e., Drs. Olchowecki, Berry and MacPherson.

There being no further business, the Meeting adjourned at 4:21 p.m.