

November 25, 1974

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THE UNIVERSITY OF MANITOBA

Inter-Departmental Correspondence

DATE November 12, 1974

TO All members of the Faculty Council of Science

FROM G. Richardson, Secretary

GR

SUBJECT:

The seventeenth meeting of the Faculty Council of Science has been called for Monday, November 25, 1974 at 2:40 p.m. in Room 207 Buller Building.

A G E N D A

1. Memorial for Professor R. J. Lockhart
2. Introduction of New Staff
3. Adoption of the Minutes of the sixteenth meeting, May 6, 1974
4. Matters Arising Therefrom
5. Proposed name for the North East Multi-purpose Building
6. Proposal to name the Planetarium
7. Report from the Executive Committee
 - (i) Course Changes
 - (ii) Four-year General Degree Program
 - (iii) Examination Regulations
 - (iv) Honours Regulations
8. Report from Senate
9. Other Business.

gr/sc

Encls: Copy of Examination Regulations
Copy of Honours Regulations

note

Minutes of the seventeenth meeting of Faculty Council of Science held on November 25, 1974 at 2:40 p.m. in 207 Buller Building.

Members Present: Dr. R.D. Connor (Chairman); I. Cooke, J. Reid, N.E.R. Campbell, N. Losey, G. Losey, E. Bock, R.H. Betts, G. Friesen, G. Cormack, R. Corbett, P. Borchert, G. Gratzner, J. Sichler, J. Stewart, J. Shay, J.A. Young, R. Miller, R. Quackenbush, N.S. Mendelsohn, B. Kale, G. Slobodian, K. Cobor, J. Kraemer, S.K. Sinha, K. Subrahmaniam, B. Johnston, S.G. Sealy, ^{C.} Lindsey, T. ^{DANDY} Danely, M. Doob, R. Longton, N. Davison, W.C. Brisbin, B.B. Smith, J. Svenne, G.C. Tabisz, J.B. Westmore, B.R. Henry, H.W. Duckworth, O. Bhatnagar, D. Johnson, R. Dowling, B.D. Macpherson, R.J. MacKay, J.F. Brewster, G.S. Clark, D.H. Hall, H.R. Wayborn, N. Hunter, G. Williams, J. Clontten, (Chariton) A. Chow, A. Olchowecki, S. Wuerz, R. Wong, J.J. Williams, P. Loewen, L. Van Caesyle, ^{ef} I. Suzuki, D.N. Burton, R. Hawirko, J. Venkataraman, W.G. Baldwin, D.W. Trim, T.G. Berry, F.M. Arscott, H.R. Coish, H. Lakser, A.H. Morrish, H. Finlayson, J.M. Vait, D. Punter, P.W. Aitchison, G.E. Dunn, S. Greenberg, P.D. Loly, R.C. Barber, C. Rauch, M. Samoiloff, G. Woods, J. Berry, J.A. Gerhard, D. Kelly, plus two illegible signatures.

Regrets: R.M. Evans

1. Memorial for Professor R. J. Lockhart

The appended tribute in memory of Professor R. J. Lockhart was accepted by the standing vote of the Council and it was moved and approved that the tribute be included in the minutes and a copy sent to Professor Lockhart's father, Mr. J. B. Lockhart.

2. Introduction of New Staff

Garry Slobodian of the Science Students' Council introduced the student members of Science Faculty Council:

Dave Jonasson
Gord Steindel
Kathy Cobor
Bob Corbett
Paul Kroeker
Peter Borchert
George Friesen
Holly Peat
Sandi Schulz
Jamie Kramer
Gord Cormack
Brian Smith

The Chairman called on Dean Cooke to introduce the new Head of Applied Mathematics, Dr. F.M. Arscott and thereafter the following new members of Council were introduced:

Dr. Thomas G. Berry, Applied Mathematics
Dr. S. Wuerz, Chemistry
Dr. G. Williams, Chemistry
Mr. H. Wayborn, Chemistry
Dr. O. Bhatnagar, Chemistry
Dr. N. R. Hunter, Chemistry
Dr. L. D. Ayres, Earth Sciences
Dr. A. G. Green, Earth Sciences
Dr. D. Kelly, Mathematics
Dr. Peter Loewen, Microbiology
Dr. J.S.C. McKee, Physics
Mr. David Bellhouse, Statistics
Dr. S. Cheng, Statistics
Dr. J. C. Fu, Statistics
Dr. M. Samanta, Statistics
Dr. E. Huebner, Zoology

3. Adoption of the Minutes of the sixteenth meeting, May 6, 1974.

The minutes of the sixteenth meeting of the Faculty Council held on May 6, 1974 were approved as circulated on the motion of Dr. Brisbin/Shay.

4. Matters Arising Therefrom

Dr. Aitchison asked if there was any progress to report on the matters of departmental councils. The Chairman replied that this matter has been under consideration of the Executive Committee of the Faculty Council. It would be recalled that last spring many departments indicated in writing their wishes with respect to departmental councils and a number of unanswered questions still remained. The Senate Rules

and Procedures Committee were approached on these points and their response has now been received but it was felt that some of the answers were as ambiguous as the original material. A subcommittee of the Executive has therefore been struck to meet with the Senate Rules and Procedures Committee (on December 3) to seek further clarification of the matter. It is hoped that this matter can be brought to conclusion in the near future.

5. Proposed name for the North East Multi-Purpose Building

The Dean recalled that in March of 1973 on the instructions of the Faculty Council he had received and sent forward all the names which faculty members had felt appropriate for the building for the attention of the Honorary Degrees Committee, which committee has the responsibility for selecting the names of buildings. These names are:

Saunderson
Waines
McEwan
Isaac Newton
Lester B. Pearson
Sir John A. Macdonald
Copernicus

The Secretary of Senate wrote to the Dean on October 2, 1974 indicating that at a meeting of the Honorary Degrees Committee held on October 1, the Committee agreed to recommend to Senate that the North East Multi-Purpose Building be named "Machray Hall". The letter indicated that the name is that of Archbishop Robert Machray, D.D., LL.D., the first Chancellor of the University who served for twenty-seven years from the founding of the University in 1877 until 1904. Because there was already a Machray Street in Winnipeg, postal regulations did not permit of a street being named after the Chancellor as is the normal custom hence the proposal to name the building.

The point was made that an initial should precede the name.

There was considerable discussion on the matter of the name culminating in the motion by Dr. G. Losey that we communicate with the Honorary Degrees Committee that whereas we take no exception to the use of the name Machray and meaning no disrespect to the former Chancellor, it was the feeling of the Faculty Council that it would be more appropriate

to name the building after someone more closely related to science. The motion was seconded. Dr. Doob proposed an amendment that the building be known as the "So and So Library Building", the words "So" and "So" indicating the name finally selected. This was seconded and the amendment carried. The motion as amended carried. Dr. Mendelsohn expressed the view that as this was a library building with the mathematicians only there as temporary residents that the name given be not that of a mathematician. The Chairman pointed out that Archbishop Machray had been a noted scholar in his day and in all possibility his associations with books had been one of the considerations which led the Honorary Degrees Committee to recommend his name for this building.

6. Proposal to name the Planetarium

Dr. Mendelsohn moved seconded by Dr. Shay that the Planetarium located in University College be named after the late Professor R. J. Lockhart. The proposal comes from a committee to decide upon the use of a memorial fund. The proposal has the support of Provost Donnelly of University College. Professor Lockhart's many contributions in bringing the Planetarium into being were outlined and it was agreed that if approved the proposal would be routed to University College and then to the Honorary Degrees Committee. The proposal was carried.

7. Reports from the Executive Committee

Dr. Henry (Spokesman) reported that the Executive Committee had met four times since the last Faculty Council meeting and outlined the activities of the committee. He called on Dean Campbell to report on course changes.

Dean Campbell advised that following our custom, course changes had been acted on by the Executive Committee and these are currently before the Senate Committee on Curriculum and Course Changes. In the last day or so a late proposal had been received from the Department of Mathematics for the introduction of a three credit hour 90 level Mathematics course. This was needed for remedial purposes and Dr. Campbell read over the course specifications.

Questions were asked regarding the implications of the proposal for our admission requirements and with regard to the Science Faculty awarding

credit for courses having a standard less than that of first year. Dr. Davison (Physics) commented on the experience of the Physics Department indicating inadequate preparation in the mathematical area. The Mathematics Department had found very poor response to voluntary remedial tutorials. Dr. Rauch did not think the problem was unique to Mathematics. Dr. Doob referred to the frightening downturn in the level of competence of freshman mathematics students. Professor Macpherson asked for details of how the proposed course would relate to existing courses and half courses. Mr. Slobodian echoed these comments and wished the proposal related to the four year program. It was indicated that it was the wish of the Mathematics Department that this course proposal be transmitted rapidly to the Senate Committee. Dr. Arscott observed that similar problems exist in the background of engineering students and indicated that his department had introduced with some success a remedial program. He suggested that a committee be struck to pursue this proposal more thoroughly but that the action should be quick. Dr. Arscott moved, seconded by Dr. Kale that this matter should be referred for further study in committee, that the committee be struck immediately and report to the Executive. Dr. N. Losey opposed the motion to commit because of the urgency she felt in this matter. Dr. Mendelsohn supported this view. Dr. Kale recognized the needs of and pressures on the Mathematics Department but felt that the matter should not be considered in such a hurry. Why had this problem not arisen before if it was so urgent? Dr. Duckworth tried to find a compromise and the Chairman asked for clarification of the position of the Mathematics Department and summarized the questions he would like to see answered in order that the Senators and he could be adequately briefed, as they would have to see any such proposal through the Senate Committee. Dr. G. Losey observed this was not a sudden development. This year's experience had, however, precipitated the necessity for action. Dr. Quackenbush intimated that the proposal of the Mathematics Department was an interim arrangement for one year and that another proposal would be developed for the year following. The Mathematics Department proposed to offer this half course in each of the fall, the spring and the summer terms. Dr. Subrahmaniam asked if this matter should not be discussed by

the Standing Committee on Mathematics. Dr. McKee thought the proposal of the Mathematics Department might be counter productive as it might indicate that students need not study this material in high school. There was much discussion on the time constraints involved. Dr. Duckworth/Doob proposed a substitute motion that the committee be struck to study the question but that the original proposal be implemented on an interim basis for the 1975/76 year, it being understood that implementation would be discussed with the Dean's Office. The substitute motion was defeated. Dr. Arscott's motion to commit was carried. After further discussion it was agreed that the committee should be named by the Chairman.

Dr. Samoiloff moved the adjournment on the basis of lateness of the hour and the high (thermal) temperature in the meeting room.

The motion to adjourn was passed at 4:55 p.m.

ROBERT J. LOCKHART

Mr. Dean, Members of Faculty Council:

The news of the death of Professor Robert J. Lockhart last June came as a shock to everyone, but especially to those like me who had known him as a friend and colleague for over twenty-five years. I appreciate this opportunity to pay him a brief tribute.

Professor Lockhart was born in Woodstock, Ontario, in 1924. He joined the Department of Mathematics and Astronomy of our university in 1948 after completing his undergraduate education in the University of Western Ontario and Queen's University. Besides his teaching duties he served the university in several posts. These include, director of the University Summer School, Assistant Dean of Arts and Science, Secretary of the Faculty Council of Arts and Science and Assistant Head of the Department of Mathematics and Astronomy. He was also in charge of many of the arrangements associated with the university convocations.

Professor Lockhart will be remembered mostly for his role as a teacher and an adviser to students. His concern for their progress and welfare was outstanding and his efforts were always deeply appreciated.

He was also devoted to his subject - Astronomy. He was a member of the Royal Astronomical Society of Canada; President of its Winnipeg Branch for two terms, and in 1973 he was elected Second Vice-President. It was mainly through his efforts that the university acquired its Planetarium. Professor Lockhart was its first director and as such he inaugurated a number of highly successful programs, both for the general public and the university community.

His colleagues and many friends will long remember his faithful service to the university, especially his eagerness to be helpful in all aspects of university work. As one student said of him, "Professor Lockhart was a giver not a taker".

I should like to move, Mr. Dean, that this tribute be recorded in the minutes of this Council and that it be forwarded to his father, Mr. J.B. Lockhart.