

The Minutes of the 46th Meeting of Science Faculty Council held on Thursday, October 13, 1983 at 3:00 p.m. in Room 315 Buller Building.

Present: C.C.Bigelow (Chair), G.S.Clark, N.M.Halden, R.Lyric, N.Mendelsohn, A.Olchowecki, M.Sumner, L.Kruczynski, H.W.Duckworth, H.W.Laale, P.Loewen, I.Suzuki, J.C.Jamieson, J.Rauch, B.D.Macpherson, Y.Cho, N.E.R.Campbell, Z.Andracek, P.D.Loly, A.Chow, D.M.McKinnon, E.Bock, N.R.Hunter, T.Dandy, M.Samoiloff, A.Gerhard, G.Klassen, C.Cutler, L.K.Chan, B.Hann, S.G.Sealy, J.Gee, S.K.Sinha, A.H.Morrish, D.L.Teich, D.Singh, D.Trosky (SSA), P.Sime (SSA), K.Graham (SSA), T.Sato (SSA), D.Eyolfson (SSA), J.van Rees, S.Baker (SSA), H.Finlayson, R.Venkataraman, C.D.Anderson, M.Stapleton, M.Clutton-Brock, J.P.McClure, K.Mount, P.K.Isaac, L.C.Graham, J.M.Harris, N.Gupta, J.F.Brewster, J.Berry, J.Svenne, W.Moon, J.Bate, G.Doak, R.Lim, D.Gudmunson, G.Hawrysh (63) S.Catt (Secretary)

Visitors: J.McConnell, S.Johannson, and others

Regrets: F.G.Stambrook, L.van Caesele, W.Falk, J. Shay, G.Paul, H.Halvorson, W.Brisbin, J.Reid, J.J.Williams.

1. The Chairman called the meeting to order and introduced Dr. R. D. Connor, Co-Chairman of the Campus United Way appeal. Dr. Connor briefly described the work of the United Way and appealed to Council members to be generous in their contributions.

Dr. Connor also spoke on behalf of the campus organization "The Friends of the Libraries", outlined its objectives, and invited Council members to join, and to contribute to its fund-raising activities.

2. Introduction of New Members

Traditionally at the fall meeting, new academic staff members are introduced by their department heads. This year the following introductions were made:

Earth Sciences:	N. M. Halden	
Chemistry:	L. Kruczynski	
Statistics:	C. Cutler	
Zoology:	R. Barker	
	W. Hohman	
Mathematics:	Ms. M. Stapleton	
Microbiology:	D. Singh	
SSA:	Ms. D. Teich	T. Sato
	Ms. D. Trosky	Z. Ondracek

D. Eyolfson	G. Doak
P. Sime	Ms. M. Balko
Ms. K. Graham	G. Hawrysh
D. Gudmunson	

3. The Minutes of the 45th meeting were approved on a motion by Jamieson (Hunter).

4. The Faculty Council had referred back to the Executive Committee a proposed Policy on showing students their final exam papers. Prof. Isaac presented the recommendations of the Executive (attached and forming part of these minutes) and moved (Hunter) on behalf of the Executive.

1. "that no student be shown the final exam before the appeal deadline"

CARRIED

2. "that Faculty Council receive this report from the Executive"

CARRIED

5. The Chairman presented to the Council for information

- a. letter from Vice-President Stambrook outlining the membership of the Committee on the Appointment of a Dean of Science
- b. Advised Council that course change proposals had been vetted by the Committee on Courses and the Executive Committee and were approved by the Executive on behalf of Faculty Council and forwarded to the appropriate agencies. In reply to a question he clarified that members of Council can ask questions from the floor regarding the proposals.

6. Professor Isaac outlined the reason why the Physical Education course 57.140 Concepts of Recreation and Leisure was being brought before Council for possible approval of its acceptability for credit in Science. The course had been vetted by the Committee on Courses and twice the Executive had refused to approve it. He moved (Lyric)

"that Council approve course 57.140 from the Faculty of Physical

Education as being acceptable for credit in Science."

There followed a lengthy discussion, some members expressed opposition on academic grounds, some on philosophical considerations such as that if a course has been approved by Senate, it should be available to all students therefore all University of Manitoba courses should be available for credit for science students.

Criteria for approving outside courses was discussed. A former member of the Committee on Courses recalled that several years ago the Faculty had attempted to look at all courses given in all faculties with a view to selecting those that would be suitable for science credit. This approach had not worked and since then courses were considered on the request of outside faculties.

Dean Isaac explained to Council the reason why Physical Education wanted the approval was that students could only enter the Recreation Studies Degree Program after completing one full year at the University. In order for Science students to enter they would have to take five full courses in first year to satisfy the science requirement, and 57.140 as an extra course to satisfy the Physical Education entrance requirement. He added that when the Committee on Courses screened courses it looked not so much for quality as for overlap with other science courses. A student expressed the view that course content was not relevant, there are many courses in Arts, Music, Fine Art, which are not relevant either but are allowed credit in science as an elective.

The motion was called, and CARRIED.

7. Enrolment Limitations

The Chairman spoke to the draft proposal "How Many Science Students". The Faculty's enrolment has increased since 1979 from 2100 to 4100 undergraduate students. Revenues are not based on numbers of students and have not kept up with the increased need for supplies and special academic. Classroom space has become a problem. The Dean's office has for at least a year been considering these problems; we have looked at entrance standards of other universities in Canada and find we are unique in our low standards i.e. 50% average on three 300-level courses. We think we can justify controls on the grounds that we are out of step

with other universities. A recent study on students entering from high school in 1978 showed about 30% of entrants earned a degree. Students entering with grades less than 55% did not obtain a degree nor move to professional faculties. In trying to define success we considered that the obtaining of a degree and/or transfer to professional faculties were forms of success. The Chairman felt the study helps to make a case for limiting enrolment. The draft proposal contained some recommendations which the Chairman hoped Council would discuss. He pointed out that the faculty is being asked to figure a 10% cut in funding and there are not large sums of money to deal with growth.

The Executive Committee had endorsed the proposal to Faculty Council, recognizing that there will be problems to be solved should the Council approve it in principle. In brief, all applicants with averages of 70% or over in high school would be admitted.

In the discussion that followed a number of viewpoints were expressed. Some students and faculty felt that although philosophically they believed that access to the university should not be limited, realistically, financial and classroom resources made limitations necessary. Several members were concerned about the status of Canadian vs Visa admissions, and expressed the view that Visa admissions should be kept to a minimum. The view was expressed that the rapid enrolment increase had probably peaked and limitations may not be necessary in the near future. Several were concerned about students registering in Arts but taking Science courses in first year and asked how this could be controlled, and also whether Arts had any plans to limit enrolment. Concern was expressed as to the amount of lead time being given to high schools, and about limitations leading to changed marking patterns in high school, about our possible legal obligation to give several years lead time to high schools. Were other Manitoba universities considering limitations? Was there any thought of limitations in specific departments? Several members thought entrance exams would be a better approach. Controls on Visa admissions in light of English language proficiency were questioned. A member suggested the Science Admissions Committee be reinstated. Several expressed the opinion that admission

standards rather than enrolment limitations would be the more reasonable approach since it would filter out those students who were not likely to achieve success. Another felt that any move would do a certain amount of injustice but this could not be helped, and favoured entrance exams. It was pointed out that Senate had passed a motion in August that the University shall not institute entrance exams.

In reply to questions raised, the Chairman said he was not aware of any plan to limit enrolment in Arts; in respect of Arts students taking first year Science courses this could be controlled by assigning reserved spaces. Regarding lead time to high schools, the Minister of Education had been sent a copy of the draft proposal, and schools were aware that the faculty was considering limitations. Several members wanted to know if the proposal would be discussed at a second meeting of Council, as required by the by-laws.

A member called for a vote, another asked for a specific motion. It was moved Duckworth (Eyolfson):

"that we approve in principle a plan to limit enrolment for 1984 by limiting first year class size; some details to be worked out by the Dean's Office and brought to Faculty Council as soon as possible for further discussion".

Prof. Samoiloff (Svenne) proposed an amendment to include a preamble as part of the motion:

"Whereas the Faculty of Science can no longer provide an adequate quality of education due to limited resources, it is moved that....".

The amendment being agreed to by Prof. Duckworth (Eyolfson) the question was called and the motion CARRIED

(2 opposed)

8. Report from the Executive Committee

Prof. Lyric reported on three meetings. Two interdisciplinary graduate programs were discussed: one, on Imaging and Remote Sensing was referred back to the Committee that proposed it because of concerns expressed by the Executive. Prof. R. Collens was appointed to Student Standing Committee. Two of the meetings were concerned with the awarding of gold medals, scholarships and prizes.

9. Report from Senate

Prof. Duckworth reported on meetings beginning May/83. BCSC and gold medal were approved in August. Reorganization of Research Board approved in September meeting. The October meeting reported progress of Academic reviews.

There being no further business, the meeting adjourned 5:10 p.m.

Inter-Departmental Correspondence

DATE October 5, 1983.

TO All Members of Science Faculty Council

FROM S. Catt, Secretary *SC*

SUBJECT: The 46th Meeting of the Science Faculty Council is scheduled for Thursday, October 13, 1983 at 3:00 p.m. in Room 315 Buller Building. (Please note room number.)

AGENDA

1. Dr. R. D. Connor, speaking on behalf of the United Way Campaign, and The Friends of the Library.
2. Introduction of new members.
3. Approval of the Minutes of the 45th Meeting.
4. Matters Arising therefrom
 - (a) Policy on showing students their final exams--report from the Executive Committee (attached).
5. For information
 - (a) Constitution of Committee on Appointment of a Dean of Science
 - (b) Course Change proposals as approved by the Executive Committee (copy available in departmental offices).
6. Courses from other Faculties available for credit in Science: 57.140 Concepts of Recreation and Leisure (copy attached).
7. Enrolment Limitations: Draft Proposal (copy attached).
8. Report from Executive Committee
9. Report from Senate
10. Other Business

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153