

DRAFT UNTIL APPROVED BY SENATE

MINUTES OF A MEETING OF THE SENATE OF SIMON FRASER UNIVERSITY HELD
MONDAY, FEBRUARY 1, 1982, 3172 RIECKHOFF HALL, 7:00 P.M.

OPEN SESSION

Present: Pedersen, K. G., Chairman

Banister, E. W.
Beirne, B. P.
Bhakthan, N.M.G.
Blaney, J. P.
Brown, R. C.
Calvert, T. W.
Cleveland, W. L.
Cochran, J. F.
Cripps, P. G.
Dobb, T. C.
Eddy, N. C.
Einstein, F.
Hale, L. R.
Henderson, R. E.
Hinchcliffe, S.
Irwin, J. C.
Ivany, J.W.G.
Johnston, H.J.M.
Jones, C.H.W.
Leiss, W.
McKeown, B. A.
McNabb, G. T.
Munro, J. M.
Nielsen, V.
Okuda, K.
Reilly, N. R.
Rieckhoff, K. E.
Roberts, M. C.
Verdun-Jones, S. N.
Webster, J. M.
Weinberg, H.
Wideen, M. F.
Wotherspoon, A. J.

Absent:

Arrott, A. S.
Carter, S. D.
Cote, P. T.
Gehlbach, R. D.
Holmes, R. A.
Krebs, D. L.
Mackauer, J.P.M.
Manley-Casimir, M. E.
Overholt, M. J.
Showler, J. G.
Smith, R. J.

In attendance: George, D.

Evans, H. M., Secretary
Heath, N.
Norsworthy, R., Recording Secretary

DRAFT UNTIL APPROVED BY SENATE

MINUTES OF A MEETING OF THE SENATE OF SIMON FRASER UNIVERSITY HELD
MONDAY, MARCH 1, 1982, RIECKHOFF HALL, 7:00 P.M.

OPEN SESSION

Present: Munro, J.M., Acting Chairman

Beirne, B.P.
Bhakthan, N.M.G.
Blaney, J.P.
Calvert, T.W.
Cochran, J.F.
Dobb, T.C.
Eddy, N.C.
Einstein, F.
Gehlbach, R.D.
Hale, L.R.
Hinchcliffe, S.
Holmes, R.A.
Irwin, J.C.
Ivany, J.W.G.
Johnston, H.J.M.
Jones, C.H.W.
Leiss, W.
McKeown, B.A.
McNabb, G.T.
Nielsen, V.
Okuda, K.
Reilly, N.R.
Rieckhoff, K.E.
Roberts, M.C.
Smith, R.J.
Verdun-Jones, S.N.
Webster, J.M.
Weinberg, H.
Wideen, M.F.
Wotherspoon, A.J.

Absent: Pedersen, K.G.
Arrott, A.S.
Brown, R.C.
Carter, S.D.
Cleveland, W.L.
Coté, P.T.
Cripps, P.C.
Henderson, R.E.,
Krebs, D.L.
Mackauer, J.P.M.
Manley-Casimir, M.E.
Overholt, M.J.
Showler, J.G.

In Attendance: A. MacMillan
K. Nair

Evans, H.M., Secretary
Heath, N.
Fike, J., Recording Secretary

1. APPROVAL OF AGENDA

The agenda was approved as circulated.

2. APPROVAL OF MINUTES

The minutes of the Open Session of February 1, 1982, were approved as distributed.

3. BUSINESS ARISING FROM THE MINUTES

There was no business arising from the minutes.

4. REPORT OF CHAIRMAN

- a) The Acting Chairman reported the President's regrets at his absence which was due to attendance at a meeting of A.U.C.C. in Victoria.
- b) J. Munro drew attention to the election of a student representative from the Faculty of Education, J. Blyt, for terms of February 23, 1982 to May 31, 1982 and June 1, 1982 to May 31, 1983.
- c) Senators voted in a by-election to replace Convocation Senator John B. Toor for the period from date of election to February 28, 1983.

Ballots cast		31
Ballots spoiled		1
Individual totals:	Harper	6
	Loughlin	8
	McMillan	1
	Murray	15

Individual receiving the highest number of votes and elected:

P. R. MURRAY

5. REPORT OF COMMITTEES

1) Senate Nominating Committee

a) Paper S.82-33 - Senate Elections

Since no further nominations were received all of the nominees reported in Paper S.82-33 are elected by acclamation as follows:-

Senate Committee on Continuing Studies (SCCS)

One Lay Senator to replace J.B. Toor, whose term of office expired September 30, 1981. Term of office is for two years, from date of election to September 30, 1983.

Elected: S. D. Carter

Senate Committee on Honorary Degrees (SCHD)

One Lay Senator for no specified term of office.

Elected: R. E. Henderson

Senate Committee on Scholarships, Awards and Bursaries (SCSAB)

One Lay Senator for a two year term of office, from date of election to September 30, 1983.

Elected: R. E. Henderson

Senate Committee on Academic Planning (SCAP)/Senate Committee on University Budget (SCUB)

One Student Senator to replace G. T. McNabb for balance of term of office from date of election to September 30, 1983.

Elected: N. C. Eddy

Senate Committee on Undergraduate Studies (SCUS)

One Student Senator Alternate to replace R. J. Smith for no specified term of office.

Elected: A. J. Wotherspoon

ii) Senate Committee on Academic Planning

a) Paper S.82-34 - Co-operative Education - Biological Sciences

Moved by J. Cochran, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.82-34 the Co-operative Education Program - Biological Sciences including:-

- practicum courses BISC 341-0 Practicum I, BISC 342-0 Practicum II, BISC 443-0 Practicum III, BISC 444-0 Practicum IV
- the regulations for entry and for continuation in the program, a minimum CGPA of 2.5 and a minimum CGPA of 2.75 in Biological Sciences courses
- approval to place the first students in practicum courses for Summer 82-2.

Dr. Cochran introduced the Paper indicating that an extensive study had been carried out by Dr. Mathews which suggested that as many as 20 students per year could be placed.

Question was called, and a vote taken.

MOTION CARRIED

iii) Senate Undergraduate Admissions Board

a) Paper S.82-35 - Invalid TOEFL Scores - SUAB 92

In order to take part in the discussion, J. Munro vacated the Chair, which was assumed by J.M. Webster.

Moved by J. Munro, seconded by K. Reickhoff, that

"In the case of a student whose TOEFL score is declared invalid, or cancelled by the Educational Testing Service, that student will be required to withdraw or be withdrawn or be suspended from the University immediately. Provided other admission requirements have been fulfilled, the student would be readmitted only when he/she is able to provide a valid score sufficient to meet the requirements of the University."

J. Munro introduced the Paper saying that it outlines the problem that the University is facing in connection with TOEFL scores. The major difficulty is that the University has no control of this test, nevertheless requires it for admission. If a test score is declared invalid by the ETS there has not been an appropriate way of dealing with students whose scores are so invalidated. J. Munro invited A. MacMillan, Director of Admissions, to address Senate.

G. T. McNabb suggested the information contained in the motion be included in the Calendar with the TOEFL information.

K. Okuda indicated some confusion between the use of the words 'declared invalid' and 'cancelled'; and the difference between a student being required to withdraw, being withdrawn or being suspended.

A. MacMillan responded indicating that the ETS uses both the terms 'declared invalid' and 'cancelled'. They can issue a score report where it states clearly that the test has been cancelled, but the letter to the student states that the score is invalid.

J. Munro indicated that there is only one event that this contingency is supposed to cover and that is where the ETS decides that the student did not complete the test in the way ETS previously thought they did.

K. Okuda asked with reference to being withdrawn or being suspended if there was any difference in the University's actions.

H. M. Evans stated that because of lack of approved procedures in the first two cases the President acted under Section 58 of the University Act, which gave him the power to suspend. The requirement of intervention by the President was not felt to be appropriate, since withdrawal did not require action by the President.

Following discussion of the wording of the motion, an amendment by G.T. McNabb was accepted by the mover and seconder as follows:

"In the case of a student whose TOEFL score is declared invalid, or cancelled by the Educational Testing Service,..."

be replaced by:

"In the case of a student whose TOEFL score is declared invalid or cancelled by the Educational Testing Service ..."

N. Reilly contended that circumstances relative to readmission seem all too favourable.

Amendment moved by N. Reilly, seconded by N.M.G. Bhakthan

"A student would be readmitted only with the approval of the President and only when he/she is able to provide a valid score."

In the ensuing discussion it was noted that the University had no information concerning the reasons for cancellation of a score and that one of the chief purposes of the motion was to reduce dependency on the President's discretionary powers.

Question was called and a vote taken.

AMENDMENT DEFEATED

Question was called on main motion as amended and a vote taken.

MAIN MOTION CARRIED AS AMENDED

iv) Senate Graduate Studies Committee

a) Paper S.82-36 - Graduate Curriculum Changes, New Graduate Courses, MRM 613-5, 634-5

Moved by B.P. Beirne, seconded by T. Calvert,

"That Senate approve and recommend approval to the Board, at set forth in S.82-36 - New Graduate Courses, MRM 613-5 - Current Topics in Fisheries Management, and MRM 634-5 - Slope Stability and Snow Avalanches in Resource Management."

Question was called, and a vote taken.

MOTION CARRIED

6. REPORTS OF FACULTIES

There were no reports from Faculties.

7. OTHER BUSINESS

There was no other business.

8. NOTICES OF MOTION

There were no notices of motion.

9. INFORMATION

The next regular meeting of Senate is scheduled for Monday, April 5, 1982, at 7:00 p.m.

The assembly recessed briefly at 7:35 p.m., prior to moving into Closed Session.

H.M. Evans
Secretary.

MEMORANDUM

To..... SENATE

From..... H. M. EVANS

..... SECRETARY OF SENATE

.....
 Subject. BY-ELECTION OF CONVOCATION SENATOR -
 FOR INFORMATION - BALLOTS WILL BE
 DISTRIBUTED AT THE MEETING OF SENATE

Date..... FEBRUARY 15, 1982

ON MARCH 1, 1982.

Information in respect of the candidates in the by-election to Senate of one member of Convocation to replace J. B. Toor for the period from date of election to February 28, 1983.

HARPER, H. HUGH

Academic Data: B.Sc. (Chemical Engineering) U.B.C., 1951
 Canadian Officer's Training Corps, attended while at University earning a Commission, 1951.
 Various courses dealing with Quantitative Analysis (Statistics and Operations Research) Computer Programming and Management Skills, 1951 through 1972.
 M.A. (Economics) S.F.U. An evening course taken over a five year period, 1977. Essay topics: The Potential Impact of a High Seas Fishery on Canada's Pacific Salmon Industry; Recommendations on Retail Gasoline Marketing - A Critique.

Work Experience: 1979 to present - Vancouver Community College, Langara Campus.
 Position: Instructor. I have a full course load in the Department of Mathematics, specializing in the mathematics of business and finance but teaching precalculus algebra as well. I have also taught two classes of micro economics at BCIT.

1977 through 1978 - A Major Oil Company.

Position: Senior Economic Analyst. As senior Economic Analyst my duties include the use of computer optimizing models to establish product cost indices under various supply-demand situations at the refinery, and to study distribution alternatives and the impact of major supply agreements with other oil companies. This position also prepares the presentation of the President's Five Year Business Plan.

1971 through 1976

Position: Manager Analytical and Taxes Division. In this position I was reporting directly to the Vice-President of Finance. This division consisted of professional specialists in economic analysis, treasury functions and income, sales, property and other tax analyses. During this period, two outstanding projects were initiated, managed and completed: corporate re-organization of two companies in different jurisdictions and the consolidation of banking functions into a single package open to competitive bidding. This position disappeared through an internal re-organization.

Work Experience (contd.)

Also as part of my personal development, I taught a semester of economic analysis techniques at Capilano College.

1966 through 1971

Position: Technical Computer Specialist. During my five years in this position, my duties included programming technical applications in the Fortran and Basic languages utilizing both batch and time-sharing computer environments. In conjunction with Head Office specialists, worked to develop and apply major analytical, statistical and forecasting computer-based mathematical models. This period included a two year assignment with the parent company in the U.S.A.

1961 through 1966

Position: Analyst. As an Analyst my duties included analysis of economic alternatives, calculation of economic measures (payout, actuarial rate of return). Some computer programming, critical path scheduling and use of linear programming techniques. Advised on problems involving mathematics, including mathematics of finance.

1956 through 1961

Position: Operations Planner. My initial position with this company was as Operations Planner. Here I constructed detailed refinery operating plans based on product demand estimates and processing unit capabilities.

LOUGHLIN, KEITH

Position: Consultant - Woods Gordon

Education: U.B.C. - M.Sc. - Health Administration and Planning - 1977.
Simon Fraser - B.A. - Political Science, Urban Geography & Planning - 1975.

Memberships: Past President, U.B.C. Health Administration and Planning Alumni Association.
Member, Canadian College of Health Service Executives
Director, Board of Management, SFU Alumni Association

Work Experience: 1981 - Present - Woods Gordon

Participated in Review Committees and negotiations between the Alberta Ministry of Health and the Edmonton Urban Hospitals for the programming and design of four prototype, 500 bed acute care community hospitals in the Province of Alberta.

Prepared Health Manpower Planning background paper for BCHA Annual Convention.

Prepared report for Single Care Accommodation.

Participated in CCHSE/BCHA Cost Containment Workshop.

Work Experience (contd.)

1977 - 1981 - Vancouver General Hospital - Administrative Manager, Health Centre for Children and Willow Pavilion. Responsible for budget control and planning, manpower planning, fund raising, report preparation and the development of functional programs, policies and public relations programs. Involved in planning for expansion of the Paediatric Special Care Unit, V.G.H., and the transition of paediatric services to the new Children's Hospital.

1976 - U.B.C. - Department of Paediatrics - Administrative Resident.

1975 - Vancouver General Hospital - Research Assistant, Management Engineering Section.

1967 - 1974 - Vancouver General Hospital - Orderly.

Teaching Experience:

1979 - 1981 - Instructor, Business Administration, British Columbia Institute of Technology.

1981 - Instructor, School of Business Administration, Simon Fraser University.

Publications: "Obtaining Congruency of Activities and Objectives within an Academic Medical Department, a Delphi Application." Proceedings of the Academy of Management, August, 1978.

"Using Delphi to Achieve Congruent Objectives and Activities in a Paediatric Department" Journal of Medical Education Vol. 54, No. 2, February 1979.

McMILLAN, ROSS D.

Academic Data: B.A. (State Univ. of New York), 1968.
M.A. (Psychology) (S.F.U.), 1974.

Current Position: Member of teaching staff, Vancouver Community College.

No further data received.

MURRAY, PHILLIPS ROSS

Education: B.Sc. (Hons.) Biochemistry (S.F.U.) 1972
M.Sc. Aquatic Biology (S.F.U.) 1977

Experience: 1980 - Present
Assistant Manager, Resource Studies, Envirocon Ltd.
Senior fish biologist responsible for the design, execution and reporting of studies on the salmonid resources in aquatic systems in British Columbia.

1979 - Biologist, Envirocon Ltd.
Senior biologist on studies in the Nechako River, B.C. related to a major hydro-electric development. Project

Experience (contd.)

manager and senior biologist of a study in the Kemano River, B.C., for a proposed salmonid enhancement facility.

1978 - Biologist, Department of Fisheries and Environment, Government of Canada. Participated in studies related to the management and enhancement of salmon resources in British Columbia.

1977 - University Review Committee, Simon Fraser University. Participated in studies on the effectiveness of the tutorial system of instruction.

1976 - Biologist, F.F. Slaney and Co. Ltd. Participated in studies on aquatic resources in B.C. and the Yukon and Northwest Territories.

1975 - 1976 - Biologist, Fisheries Research Board of Canada. Participated in a limnological study related to enhancement of sockeye salmon productivity in British Columbia.

1972-1975 - Teaching Assistant, Dept. of Biological Sciences, Simon Fraser University. Instructed in six courses including Introductory Biology, Field Ecology, Marine Biology, Cell Physiology and Biochemical Techniques.

1971 - Research Technician, Dept. of Biological Sciences, Simon Fraser University.

1970 - Research Technician, Dept. of the Environment, Government of Canada.

1969 - Research Associate, Dept. of Chemistry, Simon Fraser University.

Committee Membership:

1978 - 1982. Member, Executive Board, Alumni Association of Simon Fraser University.

1974 - 1975. Student Member, Senate Graduate Studies Committee, Simon Fraser University.

1974 - 1975. Student Member, Senate Graduate Studies Executive Committee, Simon Fraser University.

1974 - 1975. Student Member, Senate Graduate Studies Selection Committee, Simon Fraser University.

1972 - 1975. Chairperson, Board of Management, University Centre Building, Simon Fraser University.

1969 - 1970. Student Member, Dean of Science Search Committee, Simon Fraser University.

Reports:

W.S. Duval and P.R. Murray. MS1976. Limmological inventory of selected B.C. lakes to evaluate suitability for nutrient additions. W.S. Duval, P.R. Murray and Associates, Vancouver, B.C. 66p. + 600 pages of appendices.

Murray, P.R. 1977. Sinking rates of the estuarine centric diatom Thalassiosira fluviatilis in relation to nutrients and growth. M.Sc. Thesis - Simon Fraser University.

Murray, P.R. and S.R. Hamilton. 1980. Baseline biological data on adult chum salmon in the Kemano River system, 1979. Prepared for Dept. of Fish. and Oceans by Envirocon Ltd. 68p.

Murray, P.R., Hamilton, S.R. and G.O. Stewart. 1981. Studies on juvenile chinook salmon (*Oncorhynchus Tshawytscha*) in the Bowron and Willow Rivers, B.C., during 1980. Prepared for Dept. of Fish. and Oceans by Envirocon Ltd. 44p.

Murray, P.R., G.C. Stewart and S.R. Hamilton. 1981. Studies on adult chinook salmon (*Oncorhynchus tshawytscha*) in the Bowron and Willow Rivers and Slim Creek, B.C., during 1980. Prepared for Dept. of Fish. and Oceans by Envirocon Ltd. 65p.