

## AGENDA

- I MATTERS TO BE CONSIDERED IN CLOSED SESSION
- II MATTERS RECOMMENDED FOR CONCURRENCE WITHOUT DEBATE
- III ELECTION OF SENATE REPRESENTATIVES TO THE SENATE EXECUTIVE COMMITTEE Page 17

- IV MATTERS FORWARDED FOR INFORMATION
1. *In Memoriam - Dr. Daryl Frank Kraft* Page 19
2. Report of the Senate Committee on Awards Page 20
3. Report on Research Contracts Received Page 27

V REPORT OF THE PRESIDENT

VI QUESTION PERIOD

Senators are reminded that questions shall normally be submitted in writing to the University Secretary no later than 10:00 a.m. of the day preceding the meeting.

VII CONSIDERATION OF THE MINUTES OF THE MEETING OF AUGUST 13, 2003

VIII BUSINESS ARISING FROM THE MINUTES

IX REPORTS OF THE SENATE EXECUTIVE COMMITTEE AND THE SENATE PLANNING AND PRIORITIES COMMITTEE

1. Report of the Senate Executive Committee Page 37
2. Report of the Senate Planning and Priorities Committee
- a) The Chair will make an oral report on the Committee's activities.
- b) Report on the proposed site location for the Centre for Music, Art and Design Page 38

**X      REPORTS OF OTHER COMMITTEES OF SENATE,  
FACULTY AND SCHOOL COUNCILS**

- 1.      Proposal of the Faculty of Environment  
re: the Organization of the Faculty of Environment**

**Page 42**

**XI     ADDITIONAL BUSINESS**

**XII    ADJOURNMENT**

**Please Call Regrets to 474-6167.**

**/jml**

**S:\AGENDAS - BOG & SENATE\SEN - SENATE\September32003.wpd**

### Election of Senate Representatives to the Senate Executive Committee

1. One representative is to be elected from among the Vice-Presidents, Deans of Faculties and Directors of Schools, to be elected for a term ending May 31, 2005 to replace Dean Ranjana Bird.

(1) Eligible for election are:

- (a) Vice-Presidents: E. Goldie, J. Keselman, M. McAdam
- (b) Deans: H. Bjarnason, D. Witty, R. O'Kell, A. Percival, J. de Vries, J. Wiens, D. Ruth, T. Secco, H. Secter, J. Gray, B. Hennen, D. Gregory, D. Collins, D. Hrycaiko, J. Jamieson and R. Mullaly.
- (c) Directors: C. Rabinovitch and D. Lonis

(2) Presently serving:

Dean M. Collins (Pharmacy)	2004
Dean R. Bird (Human Ecology)	2005
Director D. Lonis (Music)	2006

(3) Procedures:

- (a) Nominations for the position shall be received from the floor.
- (b) Senators shall vote for no more than one candidate on the ballot provided.
- (c) The candidate receiving the largest number of votes shall be elected for a term ending May 31, 2005.
- (d) In the event of a tie, the question shall be resolved by another ballot involving those candidates who have tied.

2. One Senator elected by faculty/school councils needs to be elected for a terms ending May 31, 2004, to replace Professor Tony Secco who has been appointed Dean of the Faculty of Graduate Studies.

(1) Presently serving:

Professor B. Stimpson (Engineering)	2004
Professor A. Secco (Science)	2004
Professor J. Cooper (Medicine)	2005
Professor R. Sparling (Science)	2005
Professor A. Young (Arts)	2005
Professor K. Coombs (Medicine)	2006
Professor A. Louka (Dentistry)	2006

- (2) Procedures:
- (a) Nominations for the positions shall be received from the floor.
  - (b) Senators shall vote for no more than one candidate on the ballot provided.
  - (c) The candidate receiving the largest number of votes shall be declared elected for a term ending May 31, 2004.
  - (d) In the event of a tie, the question shall be resolved by another ballot involving those candidates who have tied.

/jml

## In Memoriam

### DR. DARYL FRANK KRAFT 1945 - 2003

Dr. Daryl Kraft, Department of Agribusiness and Agricultural Economics in the Faculty of Agricultural and Food Sciences, passed away on July 27, 2003.

Daryl was born on May 23, 1945 and grew up on the family cattle ranch southwest of Medicine Hat. In 1968 he graduated from the University of Manitoba, Faculty of Agriculture, with a Bachelor's Degree in Agricultural Economics and in 1975 he received his Ph.D. in Agricultural Economics from Washington State University. He joined the Department of Agricultural Economics at the University of Manitoba in 1973.

From the very beginnings of this country, agriculture has played a major part in both the Canadian and Manitoba economies; and in the area of agricultural economics over the last 25 years, both nationally and provincially, Daryl Kraft emerged as an outstanding educator and a leading figure in his field. He had a gift for clear analysis and his work encompassed a broad range of substantial studies on rural real estate markets, agricultural production, various dimensions of agricultural policy, and international trade. His knowledge, research and accessibility made him an invaluable advisor to both farmers and government and he worked closely with industry, federal and provincial governments on numerous policies and projects.

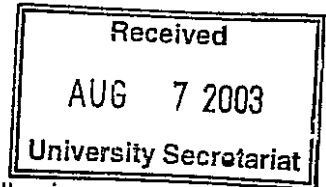
He was active in his profession with membership in several major professional organizations, most notably, the Canadian Agricultural Economics Society to which he belonged for over 30 years and in which he served in various offices and capacities, and as its President in 1984 - 1985.

Daryl was an outstanding teacher of both undergraduate and graduate students and from 1976 onwards served as the major advisor to nearly 40 Master's Degree students. In May 2003 he received the Teaching Award of Merit from the National Association of Colleges and Teachers of Agriculture.

He was also an outstanding example of the good citizen, both within the University and in the wider community, whether local, provincial or national. At the University he served on the Senate and a number of university and Faculty of Agriculture committees. As a member of the Department of Agribusiness and Agricultural Economics he served on virtually every departmental committee and in its major administrative roles: among others, he served as Director of the Solomon Sinclair Farm Management Institute from 1986 to 1989 and again from 1996 until his death. He was acting head of the department on two occasions in the 1980s and 1990s, and was head of the department from July 1997 to June of 2003. In 1998, while head of the department, he initiated the establishment of the Agribusiness Chair in Co-operatives and Group Marketing in the Department of Agricultural Economics, with support of the Co-operators Group, Agricore, Manitoba Pork, Federated Co-operatives and the Canadian Wheat Board.

Daryl was fully committed to public service. At the time of his death he was the Director of the Milk Prices Review Commission having recently stepped down as board member of the Manitoba Rural Adaptation Council. He served on the Board of Directors of the Winnipeg Commodity Exchange and was a member of the Special Regulatory Committee of the Winnipeg Commodity Exchange Inc. From 1991 onwards he served on the Coordinating Committee of the World Grain Outlook Conference. Earlier he had served on the Agriculture Committee of the Manitoba Chamber of Commerce and as a member of the Cereal Processing Committee of Agriculture Canada.

Daryl Kraft's excellence in research was recognized by both the American Agricultural Economics Association and the Canadian Society of Agricultural Economics. The Canadian Society of Agricultural Economics named him a fellow in 1999. The University of Manitoba presented him with an outreach award for community service and extension activities.

Report of the Senate Committee on Awards respecting AwardsPreamble

The Senate Committee on Awards (SCOA) terms of reference include the following responsibility:

"On behalf of Senate, to approve and inform Senate of all new offers and amended offers of awards that meet the published guidelines presented to Senate on November 3, 1999, and as thereafter amended by Senate. Where, in the opinion of the Committee, acceptance is recommended for new offers and amended offers which do not meet the published guidelines or which otherwise appear to be discriminatory under Policy No. 419, such offers shall be submitted to Senate for approval." (Senate, April 5, 2000)

At its meeting on July 21, 2003, SCOA reviewed 7 new awards offers, 10 award amendments, and 2 award withdrawals and reports as follows.

Observation

On behalf of Senate, the Senate Committee on Awards approved and recommends that the Board of Governors approve 7 new awards, 10 award amendments and 2 award withdrawals as set out in Appendix "A" of the Report of the Senate Committee on Awards (dated July 21, 2003). These award decisions comply with the published guidelines of November 3, 1999, and are reported to Senate for information.

Respectfully submitted,

A handwritten signature in cursive script that reads "Diana Kasperian (for)".

Professor R. Baydack, Chair  
Senate Committee on Awards

## SENATE COMMITTEE ON AWARDS REPORT TO SENATE - JULY 21, 2003

## APPENDIX "A"

## OFFERS

## MARIAN CAMPBELL SCHOLARSHIP IN COMMUNITY NUTRITION

In honour of Dr. Marian Campbell's retirement from the Faculty of Human Ecology, Dr. Stan Cheung has made the primary contribution of \$20,000 towards establishing an endowment fund in her honour. Further donations have been made by the friends and colleagues of Dr. Campbell.

The scholarship, first offered in the 2004-2005 academic session and valued at the available annual interest, shall be offered to a graduate student who:

- (1) is enrolled full-time as a Master's or Ph.D student either in the Department of Human Nutritional Sciences, or in the Department of Community Health Sciences, or in a nutrition-related Interdisciplinary Ph.D program;
- (2) has completed an undergraduate degree in Human Ecology with a major in Human Nutrition;
- (3) has achieved a minimum grade point average of 3.50 (or equivalent) in the last 60 credit hours of course work at the undergraduate or graduate levels;
- (4) has demonstrated interest, commitment, and participation in the field of community nutrition.

Applicants will be required to submit an application including documentation that demonstrates their interest, commitment, and participation in the field of community nutrition (for example, through past and present course work, paid or volunteer work, future career goals, thesis topic, etc.). The call for applications shall be made by the Faculty of Graduate Studies.

The selection committee will be named by the Dean of the Faculty of Graduate Studies and shall include a member of the Department of Human Nutritional Sciences who works in the area of community nutrition.

## ENGLISH LANGUAGE CENTRE AWARDS

The English Language Centre (ELC) is dedicated to teaching and assisting International students to enter the University of Manitoba. The Centre wishes to establish awards to encourage and support students in their studies and to encourage diversity in ELC programs.

One scholarship, the UM English Language Centre Scholarship, will be offered for excellence in completing the Academic English Program for University and College Entrance (AEPUCE) program or completing the Intensive Academic English Program (IAEP). The scholarship,

## SENATE COMMITTEE ON AWARDS REPORT TO SENATE - JULY 21, 2003

valued at \$1,000, will be offered to the student who:

- (1) has completed the AEPUCE program at the University of Manitoba, English Language Centre with a minimum grade of 80% in each of the four skill areas: reading, writing, speaking, listening; or
- (2) has completed the IAEP program, met the language requirements of the University of Manitoba, and achieved a minimum CanTEST score of band 4.5 in three of the four categories;
- (3) has achieved the highest overall standing of all eligible candidates;
- (4) enrolls at the University of Manitoba as a full-time student.

Students receiving the scholarship may begin studies in either September or January in the regular session for which the award is tenable.

One bursary, valued at \$500, will be offered in each of the three sessions of AEPUCE. The award will be offered to a student who:

- (1) is registered in the AEPUCE program at the University of Manitoba, English Language Centre;
- (2) has demonstrated financial need on the ELC bursary application.

One bursary, valued at \$1000, will be offered to a student who:

- (1) is enrolled full-time in any year of study at the University of Manitoba;
- (2) has achieved a minimum cumulative grade point average of 2.5 or has been successfully admitted into their first year of studies at the University of Manitoba;
- (3) has graduated from the ELC program at the University of Manitoba;
- (4) has demonstrated financial need on the standard University of Manitoba bursary application.

For all awards, the selection committees shall be named by the Director of Student Advocacy/Student Resource Services (or designate) and shall include at least two members of the English Language Centre.

### **MINDEL AND TOM OLENICK RESEARCH STUDENTSHIPS IN MEDICINE**

Mindel and Tom Olenick have established an endowment fund of \$400,000 at The University of Manitoba, with a contribution from the Manitoba Scholarship and Bursary Initiative, in appreciation and to recognize the clinical work of Dr. Charles Bernstein, Dr. Keevin Bernstein, Dr. Jeremy Lipschitz, and all of the Faculty of Medicine at The University of Manitoba. Three awards will be offered annually to students working in three distinct areas of expertise within the area of renal and gastrointestinal diseases. The selection committee will determine the value of the awards to be given out each year based upon the earnings of the fund.

The studentships shall be offered to students who:



## SENATE COMMITTEE ON AWARDS REPORT TO SENATE - JULY 21, 2003

- (1) are enrolled full-time in the Faculty of Medicine, or in an associated program of Graduate Studies at the University of Manitoba;
- (2) propose to conduct research into renal and gastrointestinal diseases;
- (3) have been recommended by Drs. C. Bernstein, K. Bernstein, and J. Lipschitz to the Dean of the Faculty of Medicine.

Students will present a research proposal as application for the studentship to the Dean of the Faculty of Medicine. The recipient will be expected to conduct research for a minimum three-month period (June through August). The award shall be paid to the recipient in three equal installments; the first at commencement of the research project, the second half way through the summer, and the third upon completion of the first summer of research. Research projects of one year in length will also be considered.

The selection committee shall be named by the Dean of the Faculty of Medicine (who will act as Chair), and will include Drs. C. Bernstein, K. Bernstein, and J. Lipschitz. Also, should the situation change in the future with regard to any of the conditions of this studentship, the Board of Governors of the University of Manitoba has the power to vary the conditions, in keeping with the wishes of Mr. and Mrs. Olenick.

### CRAFTS GUILD OF MANITOBA COMMEMORATIVE BURSARY

With approval from the original donor, the former Crafts Guild of Manitoba, looms originally donated for textile education were sold. In the spirit of supporting textile education, the revenue generated from the disposal of the looms is to be used to establish a bursary to provide financial assistance to support undergraduate students in Clothing and Textiles at the University of Manitoba.

The bursary, valued at the available annual income, will be offered to a student who:

- (1) is registered in the Faculty of Human Ecology in the Department of Clothing and Textiles;
- (2) has completed at least 54 credit hours in the Human Ecology degree program;
- (3) has completed a minimum of 12 credits hours of Clothing and Textiles courses;
- (4) has achieved a cumulative grade point average of at least 2.5;
- (5) has demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee shall be the Faculty of Human Ecology Student Standing and Awards Committee.

## SENATE COMMITTEE ON AWARDS REPORT TO SENATE - JULY 21, 2003

**D.A THOMPSON Q.C. PRIZE FOR LAW & BIO ETHICS**

The Winnipeg Foundation, which administers the D.A. Thompson Q.C. Fund, has agreed to provide the following annual convocation prize in the Faculty of Law. A prize of \$100 for the student with the highest standing in Issues in Law and Bio-Ethics (currently numbered 45.338).

**D.A. THOMPSON Q.C. PRIZE FOR ADVANCED ISSUES IN INTELLECTUAL PROPERTY**

The Winnipeg Foundation, which administers the D.A. Thompson Q.C. Fund, has agreed to provide the following annual convocation prize in the Faculty of Law. A prize of \$100 for the student with the highest standing in Advanced Issues in Intellectual Property (currently numbered 45.397).

**KENT FORSYTH MEMORIAL SCHOLARSHIP**

In memory of Kent Forsyth, a student in the Faculty of Engineering, Aerospace Option at the time of his passing, an endowment fund has been established by his family and friends. The Manitoba Scholarship and Bursary Initiative has made a contribution to this fund. The award will be first offered for the 2004-2005 academic session.

The award, valued at the available annual interest, will be offered to a student who:

- (1) is enrolled as a full-time student in the third year of the Mechanical and Industrial Engineering Program, specifically in the Aerospace Option, in the academic session in which this award is tenable;
- (2) has achieved a minimum cumulative grade point average of 3.5.

The selection committee shall be the Faculty of Engineering Scholarships, Bursaries and Awards Committee and shall include a representative of the Aerospace Engineering Option at The University of Manitoba.

**AMENDMENT****CECIL BLACK MEMORIAL PRIZE IN ADVANCED TAXATION II**

The name of this award in the Faculty of Law shall be amended to the CECIL BLACK MEMORIAL PRIZE IN TAXATION OF TRUSTS AND ESTATES. The terms of reference will also be amended to reflect the change in the course name and number (from 45.312 to 45.352).

**DUNCAN J. JESSIMAN, Q.C. PRIZE FOR BUSINESS ORGANIZATION LAW**

The name of this award in the Faculty of Law shall be amended to the DUNCAN J. JESSIMAN, Q.C. PRIZE. The terms of reference will be amended to reflect the change in the name of the

**SENATE COMMITTEE ON AWARDS REPORT TO SENATE - JULY 21, 2003**

course for which the prize is offered from Business Organization Law (45.228) to Corporations I (45.269).

**ARCHIE MICAY, Q.C. PRIZE FOR BUSINESS ORGANIZATION LAW**

The name of this award in the Faculty of Law shall be amended to the ARCHIE MICAY, Q.C. PRIZE FOR CORPORATIONS I. The terms of reference will be amended to reflect the change in the name of the course for which the prize is offered from Business Organization Law (45.228) to Corporations I (45.269).

**L.D. MOROSNICK PRIZE**

This prize in the Faculty of Law is currently offered to the student who achieves highest standing in either Issues in Law and Bio Ethics (45.338) or Crime, Law and Society (45.313). The terms of reference will be amended so that the prize will now be offered to the student who achieves highest standing in the course Crime, Law and Society (45.313).

**HART GREEN JUNIOR MEMORIAL PRIZE IN CRIMINAL PROCEDURE**

The name of this award in the Faculty of Law shall be amended to the HART GREEN JUNIOR MEMORIAL PRIZE. The terms of reference will be amended to reflect the change in the name of the course for which the prize is offered from Criminal Procedure (45.395) to Charter Issues in Criminal Law (45.359).

**STIKEMAN, ELLIOTT / CARSWELL AWARD, EXCELLENCE IN TAXATION COURSE**

The terms of reference for this award in the Faculty of Law will be amended to reflect the change in the name of two of the courses used for determining a recipient of this prize. Advanced Taxation I (45.312) has changed to Corporate Taxation (45.351) and Advanced Taxation II (45.311) has changed to Taxation of Trusts and Estates (45.352).

**STIKEMAN ELLIOTT/CARSWELL AWARDS FOR ADVANCED TAXATION I**

The name of this award in the Faculty of Law shall be amended to the STIKEMAN ELLIOTT / CARSWELL AWARD FOR CORPORATE TAXATION. The terms of reference will be amended to reflect the change in the name of the course for which the prize is offered from Advanced Taxation I (45.312) to Corporate Taxation (45.351).

**ABRAHAM L. SIMKIN Q.C. PRIZE IN CORPORATE LAW AND POLICY**

The course Corporate Law and Policy in the Faculty of Law was offered for the final time in the 2002-2003 academic session. The prize will be directed to the course Corporations II (numbered 45.398) beginning with the 2003-2004 academic session.

SENATE COMMITTEE ON AWARDS REPORT TO SENATE - JULY 21, 2003

**CANADIAN ASSOCIATION OF INSURANCE AND FINANCIAL ADVISORS PRIZE**

The name of this award in the Faculty of Law shall be amended to the **ADVOCIS PRIZE**. The change results from a recent change to the name of the association.

**INTERNATIONAL COLLEGE OF DENTISTS SCHOLARSHIP**

The value of this scholarship in the Faculty of Dentistry is increased to \$1000 (from \$500).

**WITHDRAWALS**

**LIEUTENANT MORRIS M. SORONOW MEMORIAL SCHOLARSHIP IN ARTS**

At the request of the donor, this scholarship in the Faculty of Arts is to be withdrawn. The fund supporting this scholarship will be redirected to a new award.

**BURROUGHS WELLCOME INC. SCHOLARSHIPS IN PHARMACY**

The Burroughs Wellcome Inc. Scholarship in Pharmacy shall be withdrawn at the request of GlaxoSmithKline, the company with which Burroughs Wellcome Inc. merged. GlaxoSmithKline supports another scholarship under their own name.

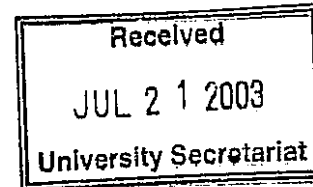


UNIVERSITY  
OF MANITOBA

OFFICE OF THE  
VICE-PRESIDENT (RESEARCH)

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July 18, 2003



TO: Ms Beverly Sawicki, University Secretary  
FROM: Digvir S. Jayas, Acting Vice-President (Research)  
RE: **Report on Research Contracts Received**

For the information of Senate, attached please find a Report on Research Contracts Received for the period of January 1 to June 30, 2003.

With respect to the report, I would like to note that a legend is provided at the end of the report for abbreviations used for the names of sponsors.

Thank you.

/tt  
attach.


c.c. Mr. A. Simms, Executive Director, Technology Commercialization  
and Research Services

## RESEARCH CONTRACTS RECEIVED

*January 01 - June 30, 2003*

FACULTY/NAME AGRICULTURAL & FOOD SCIENCES	SPONSOR	RECD	TITLE
HOUSE J. D.	AGRI-MARKETING CO	46,800	THE IMPACT OF CHROMIUM PROPIONATE SUPPLEMENTATION ON CHROMIUM BALANCE, GROWTH PERFORMANCE AND CARCASS MERIT OF GROWING-FINISHING PIGS
LEWIS N. J.	COTSWOLD	46,150	JOINT PROBLEMS IN GILTS AND SOWS IN GESTATION HOUSING TYPES DIFFERING WITH RESPECT TO EXERCISE AND SPECIALIZATION OPPORTUNITIES
LEWIS N. J.	US NAT'L PORK BOARD	4,989	WELL-BEING OF EARLY WEANED PIGLETS DURING TRANSPORT: ASSESSMENT OF SEASONAL EFFECTS ON PERFORMANCE, BEHAVIOUR AND PHYSIOLOGY (WITH R. BERRY)
NYACHOTI C. M.	DEGUSSA AG	45,000	RESPONSE OF EARLY-WEANED PIGS TO LOW-PROTEIN AMINO ACID SUPPLEMENTED DIETS
PLAZIER J. C.	MAAS/ARDI	15,000	PREVENTING SUB-ACUTE RUMINAL ACIDOSIS IN DAIRY COWS FED BARLEY BASED DIETS (WITH MANITOBA MILK PRODUCERS)
ARNTFIELD S. D.	MAAS/ARDI	8,000	EFFECT OF INFARED PROCESSING ENZYME SUPPLEMENTATION OF THE NUTRITIVE VALUE OF PEAS FOR SWINE (WITH MANITOBA PULSE GROWERS ASSOC) (WITH M. NYACHOTI, B. GUENTER, S. CENKOWSKI)
HAN J. H.	MAAS/ARDI	23,100	USE OF BIOPOLYMERS FOR PACKAGING: BIOPOLYMER COATING ON PAPERS TO PRODUCE BIODEGRADABLE MULCHING FILMS (WITH BIOENVELOP TECHNOLOGIES)
HOLLEY R. A.	BEEF INFO CENTRE	3,439	EFFECT OF IRRADIATION UPON COOKED MEAT ENDPOINT COLOUR
HOLLEY R. A.	MAAS/ARDI	25,000	USE OF LACTOFERRIN AND LACTOFERRICIN TO INHIBIT THE GROWTH OF FOOD PATHOGENS AND SPOILAGE MICROORGANISMS IN MEAT (WITH STUDENT SCHOLARSHIP)
HOLLEY R. A.	OMAFRA	75,000	EVALUATION OF PESTICIDE SOLUTIONS IN THE TRANSMISSION OF PATHOGENIC BACTERIA TO HORTICULTURAL CROPS (G.BLANK, G.CROW, M.GRIFFITHS)
HOLLEY R. A.	SPRINGHILL FARMS	910	EXTENDED SHELF-LIFE OF VACUUM PACKED FRESH PORK
SCANLON M. G.	MAAS/ARDI	25,921	NEW STRATEGIES TO UNDERSTAND WHEAT GLUTEN QUALITY (WITH STUDENT SCHOLARSHIP)
FERNANDO D. W.	MAAS/ARDI	87,000	EVALUATION OF SCREENING METHODS AND NOVEL MANAGEMENT STRATEGIES FOR FUSARIUM HEAD BLIGHT OF WHEAT (A. BRULE-BABEL) (WITH WESTERN GRAIN RES FDN)
FRISTENSKY B.	GENOME CDA	4,775	AN INTEGRATED AND DISTRIBUTED BIOINFORMATICS PLATFORM FOR GENOME CANADA

**RESEARCH CONTRACTS RECEIVED**  
**January 01 - June 30, 2003**

<b>FACULTY/NAME</b>	<b>SPONSOR</b>	<b>REC'D</b>	<b>TITLE</b>
MCVETTY P. B.	CANAMERA FOODS LTD	50,000	DEVELOPMENT OF HIGH ERUCIC ACID RAPESEED CULTIVARS (WITH R. SCARTH, D. FERNANDO)
MCVETTY P. B.	MAN CANOLA GROWERS	219,900	NSERC IRA IN HEAR RESEARCH AND DEVELOPMENT (WITH G. LI)
VAN ACKER R.	CDN FOOD INSPECTION	25,000	FIELD-BASED CHARACTERIZATION OF THE EMERGENCE PERIODICITY OF VOLUNTEER CANOLA AND WHEAT IN PRAIRIE CROPPING SYSTEMS
 FARENHORST A.	AGRI & AGRI-FOOD CDA	11,999	PESTICIDE WATER QUALITY RISK INDICATOR
FLATEN D. N.	MAAS/ARDI	19,500	OPTIMUM CANOLA PRODUCTION: FERTILIZATION, CROP PROTECTION AND GENETIC YIELD POTENTIAL (WITH CANOLA COUNCIL)
LOBB D. A.	AGRI & AGRI-FOOD CDA	10,116	DEVELOPMENT OF A TILLAGE EROSION INDICATOR
LOBB D. A.	MB CONSERVATION	1,332	INNOVATIVE MANURE APPLICATION TECHNIQUES FOR MANAGING EXCESSIVE CEREAL CROP RESIDUES (WITH D. BURTON, D. FLATEN, Y. CHEN) (SDIF)
LOBB D. A.	MB CONSERVATION	10,000	RESTORATION OF AGRICULTURAL LANDSCAPES AS A MEANS OF ADAPTING TO A CHANGED CLIMATE (SDIF)
<b>ARTS</b>			
LINDEN E. W.	NATL CRIME PREVENTION CTR	142,300	FORUM ON EVIDENCE-BASED CRIME PREVENTION IN CANADA
BARBER D. G.	DFO	17,575	CHLOROPHYLL MAPPING BY MODIS/MERIS IN CASE 2 WATERS (WITH G. MCCULLOUGH)
HANESIAK J. M.	EC	10,000	HIGH TEMPORAL RESOLUTION ATMOSPHERIC BOUNDARY LAYER CHARACTERISTICS DURING THE 2003 SOUTHERN MANITOBA CONVECTIVE SEASON: LINKAGES TO SYNOPTIC FORCING AND CROP PHENOLOGY

**RESEARCH CONTRACTS RECEIVED**  
**January 01 - June 30, 2003**

<b>FACULTY/NAME</b>	<b>SPONSOR</b>	<b>REC'D</b>	<b>TITLE</b>
BUTEUX P. E.	DND	8,250	MILITARY & STRATEGIC STUDIES PROGRAM
MARTIN D. G.	CHILD & FAMILY SERV WPG	28,000	COMMUNITY RESOURCE CLINIC (WITH D. FUCHS, B. TEFFT)
<b>SCIENCE</b>			
MCLACHLAN S. M.	PARKS CDA	15,000	IMPACTS OF LIVESTOCK GRAZING ON FORESTS SURROUNDING RIDING MOUNTAIN NATIONAL PARK
MCLACHLAN S. M.	PARKS CDA	21,000	ELK MOVEMENT AND RELATIONSHIPS WITH AGRICULTURE IN THE RIDING MOUNTAIN BIOSPHERE RESERVE
GOLDSBOROUGH L.	MB CONSERVATION	31,600	STUDIES ON THE OCCURRENCE AND CAUSE OF NUISANCE ALGAE GROWTH IN WHITESHELL LAKES, PHASE II
KENKEL N. C.	PARKS CDA	20,000	DYNAMICS OF GRASSLAND-FOREST ECOTONE IN RIDING MOUNTAIN AND PRINCE ALBERT NATIONAL PARK
KENKEL N. C.	PARKS CDA	32,500	PATTERNS AND PROCESSES OF EXOTIC PLANT INVASION IN RIDING MOUNTAIN NATIONAL PARK
GRAHAM P. C.	C3.CA ASSOCIATION INC	3,500	SUPPORT FOR HIGH PERFORMANCE COMPUTING RESEARCH AT THE UNIVERSITY OF MANITOBA
LAST W. M.	UNIV OF WATERLOO	114,672	A MULTI-CENTURY FLOOD, CLIMATIC AND ECOLOGICAL HISTORY OF THE PEACE-ATHABASCA DELTA, NORTHERN ALBERTA, CANADA - PHASE II
GUO B.	US ARMY	11,351	MATHEMATICAL PROBLEMS OF THE LATTICE MATERIALS
ENS E. W.	GENOME CDA	358,000	THE DEVELOPMENT OF ENABLING TECHNOLOGIES FOR PROTEOMICS AND GENOMICS RESEARCH (WITH K. STANDING)
DICK T. A.	DFO	44,000	YELLOW PERCH (PERCA FLAVESCENS): BROODSTOCK, FEED DEVELOPMENT COMMERCIAL PRODUCTION
<b>IH ASPER SCHOOL OF BUSINESS</b>			
PRENTICE B. E.	HUMAN RESOURCES DEV	105,000	YOUTH INTERNATIONAL INTERNSHIP PROGRAM (WITH D. DUNCAN)



## RESEARCH CONTRACTS RECEIVED

*January 01 - June 30, 2003*

<b>FACULTY/NAME</b>	<b>SPONSOR</b>	<b>REC'D</b>	<b>TITLE</b>
PRENTICE B. E.	MAN HWYS & GOVT SERVICES	200,000	2002/2003 PROVINCIAL CONTRACT
PRENTICE B. E.	NATURAL RESOURCES CDA	10,000	TRANSPORTATION AND CLIMATE CHANGE IN MANITOBA - 2003 (WORKSHOP)
PRENTICE B. E.	SYPHER	5,000	WAA SURVEY (D. DUNCAN, B. HARRISON, G. DICK)
PRENTICE B. E.	WED	2,000	MANITOBA TRANSPORTATION AND CLIMATE CHANGE WORKSHOP (WITH C. VAN ROSMALEN, D. DUNCAN)
<b>EDUCATION</b>			
LEVIN B. R.	HUMAN RESOURCES DEV	35,451	CONSULTATIONS ON THE CANADIAN LEARNING INSTITUTE
<b>ENGINEERING</b>			
BLATZ J. A.	ATOMIC ENERGY OF CDA LTD	25,000	ASSESSING THE BEHAVIOUR OF UNSATURATED BUFFER SUBJECTED TO WETTING CONDITIONS
MUFTI A. A.	GOVT OF CDA	15,850	BROOKSIDE CEMETARY MARKER MOUNTING TESTING (HERITAGE CONSERVATION PROGRAM)
MUFTI A. A.	STANTEC CONSULTING	14,000	ROOF STRENGTHENING OF THE SADDLEDOME
OLESKIEWICZ J.	US FILTER OPERATING SER	11,854	BIO SOLIDS DISINFECTON
GOLE A. M.	HVDC RES CTR	5,833	THE USE OF TRANSIENT SIMULATION AS AN OPTIMIZATION OBJECTIVE FUNCTION
<b>HUMAN ECOLOGY</b>			
ALUKO R. E.	MAAS/ARBI	15,000	PRODUCTION OF NUTRACEUTICAL PEPTIDES FROM FLAXSEED MEAL (WITH FLAX COUNCIL & WESTERN GRAIN RESEARCH FDN)
AUKEMA H. M.	DAIRY FARMERS OF CDA	30,000	EFFECTS OF DIETARY CLA ON EICOSANOID SYNTHESIS AND PROGRESSION OF RENAL DISEASE

**RESEARCH CONTRACTS RECEIVED**  
**January 01 - June 30, 2003**


<b>FACULTY/NAME</b>	<b>SPONSOR</b>	<b>REC'D</b>	<b>TITLE</b>
AUKEMA H. M.	MAAS/ARDI	12,000	EFFECTS OF FLAXSEED OIL ON RENAL DISEASE (WITH KIDNEY FOUNDATION)
ESKIN N. A. M.	MAAS/ARDI	18,375	RAPID ANALYTICAL TESTS FOR PREDICTING OIL QUALITY IN OILSEED BREEDING (WITH FLAX, LIMAGRAIN, UNITED GRAIN GROWERS )
TAYLOR G. G.	DAIRY FARMERS OF CDA	40,000	MECHANISMS FOR MODULATION OF INSULIN RESISTANCE AND ATHEROSCLEROSIS BY DIETARY CONJUGATED LINOLEIC ACID (CLA) (WITH P. ZAHRADKA)
WEILER H. A.	INTL LIFE SCIENCES INST	30,000	DOES CONSUMPTION OF DIETARY LONG CHAIN POLYUNSATURATED FATTY ACIDS (LC PUFA) EARLY IN LIFE PROGRAM FOR SUBSEQUENT GROWTH AND BONE MASS?
WEILER H. A.	MEADJOHNSON NUTRITIONALS	22,725	EFFECT ON GROWTH AND TOLERANCE IN PREMATURE INFANTS FED MOTHER'S MILK SUPPLEMENTED WITH HUMAN MILK FORTIFIER

**MEDICINE**

MUTCH W. A. C.	BIOVAR LIFE SUPPORT INC	25,000	BIOLOGICALLY VARIABLE LIFE SUPPORT SYSTEMS: EFFECTS OF BREATH VARIABILITY IN TIDAL VOLUME AND RATE ON INTRAPULMONARY SHUNT AND EFFICIENCY OF GAS EXCHANGE IN A PIG
LEVIGUE E.	US ARMY	80,522	MAMMAGLOBIN AND LIPOPHILIN RELATED MOLECULES IN NORMAL AND TUMOR HUMAN BREAST TISSUE: EXPRESSION, HORMONE REGULATION AND FUNCTIONAL ANALYSIS
MURPHY L. C.	US ARMY	29,127	INTERACTION BETWEEN ESTROGEN RECEPTOR-BETA AND THE TRANSFORMING GROWTH FACTOR-BETA SIGNALING CASCADE IN HUMAN BREAST
MURPHY L. C.	US ARMY	146,391	THE ROLE OF ESTROGEN RECEPTOR-BETA IN THE REGULATION OF THE MITOTIC APPARATUS
HAYGLASS K. T.	GENETICS INST WYETH	162,675	RESPIRATORY HYPERSENSITIVITY AND IN VIVO CYTOKINE SYNTHESIS (WITH E. SIMONS)
SEHON A.	AVENTIS BEHRING	55,342	GENE THERAPY A1: UNIVERSAL THERAPY FOR IGE-MEDIATED ALLERGIES & ASTHMA BY INACTIVATION OF MAST CELLS A2: CONVERSION OF HUMAN FACTOR VIII (HFVIII) TO ITS TOLEROGENIC DERIVATIVE (WITH G.LANG)
HERSHFIELD E.	HHS-PHS	97,834	TUBERCULOSIS EPIDEMIOLOGIC STUDIES CONSORTIUM TASK ORDER #1

## RESEARCH CONTRACTS RECEIVED

*January 01 - June 30, 2003*

FACULTY/NAME	SPONSOR	REC'D	TITLE
BLANCHARD J. F.	AGRITTEAM CDA CONSULTING	43,120	CANADA-PAKISTAN HIV/AIDS SURVEILLANCE PROJECT
BRUNHAM R. C.	UNIV OF WASHINGTON	156,179	CHLAMYDIA AND GONOCOCCAL INFECTION: IMMUNOBIOLOGY IN THE FEMALE REPRODUCTIVE TRACT (WITH F. PLUMMER)
 MOSES S.	CIDA	2,747,727	AIDS PREVENTION AND CONTROL IN INDIA
MOSES S.	CIDA	1,589,941	STRENGTHENING STD/HIV CONTROL IN KENYA PHASE III PROJECT
MOSES S.	UNIV OF ILLINOIS	48,914	A RANDOMIZED, CONTROLLED TRIAL OF MALE CIRCUMCISION TO REDUCE HIV INCIDENCE IN KISUMU, KENYA (WITH I. MACLEAN)
MOSES S.	UNIV OF WASHINGTON	29,731	PREPARATORY AIDS VACCINE EVALUATION STUDIES
LAW B. J.	AVENTIS PASTEUR	15,028	SAFETY AND IMMUNOGENICITY OF TETANUS AND DIPHTHERIA TOXOIDS ABSORBED COMBINED WITH COMPONENT PERTUSIS (ADACEL) VACCINE COMPARED TO COMPONENT PERTUSIS VACCINE AND DIPHTHERIA...AS FIFTH DOSE IN CHILDREN 4-6 YRS OF AGE
LAW B. J.	GLAXO SMITHKLINE	13,094	AN OPEN STUDY OF EVALUATE THE IMMUNOGENICITY AND REACTOGENICITY OF GLAXOSMITHKLINE BIOLOGICALS' COMBINED HEPATITIS A/HEPATITIS B VACCINE IN HEALTHY CHILDREN AGED 1-6 YEARS
LAW B. J.	MERCK FROSST	2,789	VARIVAX IN HEALTHY ADULTS & ADOLESCENTS
LAW B. J.	MERCK FROSST	3,338	SAFETY, TOLERABILITY AND IMMUNOGENICITY OF FOUR DIFFERENT FORMULATIONS OF LIQUID HEXAVALENT COMBINATION VACCINE (WITH S. FORGIE, N. SILVER)
TABACK S. P.	ELI LILLY	15,462	THE GENETICS AND NEUROENDOCRINOLOGY OF SHORT STATURE INTERNATIONAL STUDY (GENESIS) (WITH H. DEAN, E. SELLERS)
WATSON P. H.	US ARMY	68,757	MARKERS OF INCREASED RISK IN PREINVASIVE BREAST CANCER (WITH P. WATSON)
WATSON P. H.	US ARMY	16,636	STROMAL HYPOXIA IN BREAST CANCER PROGRESSION
SMYTH D. D.	NRC	8,500	EDITORIAL SERVICES FOR CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY

**RESEARCH CONTRACTS RECEIVED**  
**January 01 - June 30, 2003**

<b>FACULTY/NAME</b>	<b>SPONSOR</b>	<b>REC'D</b>	<b>TITLE</b>
HALAYKO A.	GENETIC INST WYETH	24,176	TRANSCRIPTIONAL PROFILING OF HUMAN TISSUES FROM COPD PATIENTS (WITH N ANTHONISEN, Z. BSHOUTY, S. MINK, L. TAN, H. UNRUH, Z. XU)
NAGY J. I.	COLORADO STATE UNIV	51,300	CONNEXINS IN NEURONAL AND GLIAL GAP JUNCTIONS IN CNS
ARNETT J. L.	PARKLAND HEALTH AUTHORITY	90,561	EXPAND RURAL & NORTHERN PSYCHOLOGY PROGRAMME TO INCLUDE AN ADDITIONAL GFT PSYCHOLOGIST IN PARKLAND REGION
ROOS N. P.	MAN HEALTH	1,850,000	MANITOBA CENTER FOR HEALTH POLICY
KAUFMANN A. M.	UNIV OF CINCINNATI	47,071	FAMILIAL INTERCRANIAL ANEURYSM STUDY
MACNEIL B. J.	UNIV OF CALIFORNIA	33,438	NEURAL CONTROL OF MACROPHAGES BY ENDOTOXIN AND HIV-1
<b>SOCIAL WORK</b>			
BLUM E. R.	MAN HWYS & GOVT SERVICES	10,000	THE NEW CANADIAN CHILDREN AND YOUTH STUDY (WITH L. WILKINSON, S. HALL)
FUCHS D. M.	CDN CTR ON DISABILITY	83,959	CANADA-RUSSIA DISABILITY PROGRAM IN RUSSIA

**RESEARCH CONTRACTS RECEIVED**  
**January 01 - June 30, 2003**

FACULTY/NAME PHARMACY	SPONSOR	REC'D	TITLE
GU X.	ABRIKA PHARMA	37,650	DEVELOPMENT AND ASSESSMENT OF ACRIVASTINE-PSEUDOPHEDRINE CONTROLLED RELEASE DOSAGE FORMS (WITH K. SIMONS, E. R. SIMONS)
<b>PHYSICAL EDUCATION &amp; REC STUDIES</b>			
CAMPBELL J. M.	MB CONSERVATION	25,000	INTEGRATING MULTIPLE FOREST VALUES IN SUSTAINABLE FOREST MANAGEMENT: DATABASE DEVELOPMENT AND MANAGEMENT SDIF PROGRAM
<b>NURSING</b>			
GREGORY D. M.	HEALTH CDA	20,112	AN EPIDEMIOLOGICAL-QUALITATIVE STUDY IN COLLABORATION WITH GOD'S LAKE NARROWS FIRST NATIONS ON TB INCIDENCE AND STRATEGIES FOR ELIMINATING TB IN THIS COMMUNITY
<b>NATURAL RESOURCES INSTITUTE</b>			
BAYDACK R. K.	MB CONSERVATION	10,000	WEB-BASED EXTENSION EDUCATION PASTURE MANAGEMENT PROGRAM FOR MANITOBA LIVESTOCK PRODUCERS (SDIF) (R. CHRISTIE)
BAYDACK R. K.	MB CONSERVATION	10,000	CREATION OF ECONOMIC DEVELOPMENT GUIDELINES FOR MANITOBA FIRST NATIONS (SDIF)
BAYDACK R. K.	MB CONSERVATION	10,970	HABITAT USE OF NORTHERN PRAIRIE SKINKS IN SOUTHWESTERN MANITOBA (SDIF)
BERKES F.	IDRC	22,900	MANAGING SMALL-SCALE FISHERIES IN THE CARIBBEAN
<b>TOTAL</b>		<b>9,898,008</b>	

## Sponsor Legend

<u>Abbreviation</u>	<u>Complete Name</u>
ARPI	Agriculture Research Development Initiative
CIDA	Canadian International Development Agency
DFO	Department of Fisheries & Oceans
DND	Department of National Defence
EC	Environment Canada
HHS-PHS	US Health and Human Services - Public Health Service
HVDC Res Ctr	High Voltage Direct Current Research Centre
IDRC	International Development Research Centre
MAAS	Manitoba Association of Agricultural Societies Inc.
OMAFRA	Ontario Ministry of Agriculture & Food & Rural Affairs
SDIF	Sustainable Development Innovation Fund
WAA	Winnipeg Airport Authority
WED	Western Economic Diversification

August 20, 2003

**Report of the Senate Executive Committee**

**Preamble**

1. The terms of reference for the Senate Executive Committee are found in Section 7.2 of the *Senate Handbook* (revised 2000).
2. The Senate Executive Committee held its regular meeting on August 20, 2003.

**Observations**

1. **Speaker for the Senate Executive Committee**

Professor Juliette Cooper will be the Speaker for the Executive Committee for the September meeting of Senate.

2. **Comments of the Senate Executive Committee**

Other comments of the Executive Committee accompany the report on which they are made.

Respectfully submitted,

Dr. Emőke Szathmáry, Chair  
Senate Executive Committee

Terms of Reference: *Senate Handbook* (revised 2000), Section 7.

/jml

July 3, 2003

## Report of the Senate Planning and Priorities Committee on a proposed site location for the Centre for Music, Art and Design (CMAD)

### Preamble

1. The Terms of Reference for the Senate Planning and Priorities Committee (SPPC) are found in section 8.32 of the *Senate Handbook*, wherein SPPC is charged to make recommendations to Senate regarding physical plant development.
2. The Space Planning sub-committee of SPPC met and reported to SPPC on proposed site locations for the Centre for Music Art and Design (CMAD).

### Observations

1. The Centre for Music Art and Design (CMAD) is a joint initiative between the Schools of Art and Music, U of M Libraries and the Faculty of Architecture to provide approximately 95,000 square feet of new floor space with a joint library as its principal component. The proponents of CMAD wish it to be physically as close as possible and in some way linked to the existing Music and Architecture buildings.
2. The architects for the project examined four siting options.
  - Option A: a 7-storey tower with a 90 x 120 foot (27.5 x 36.5 metre) footprint centrally located between the Russell, Architecture 2 and Music buildings on the site of Car Park "J". *This was not recommended because it would not offer significant opportunities for the desired interaction between activities in the different buildings*
  - Option B: an "L-shaped" building directly south and of the same height as the Russell Building, wrapped around the "CAST" building. *This was not recommended because it might be seen as an extension of the Russell Building (rather than as a shared facility) and would destroy the principal façade of a building of heritage value*
  - Option C: a long slim building of the same height as the Architecture 2 Building occupying the whole site of Car Park "J". *This was not recommended because it would not provide enough space to meet programmatic requirements (although its value in terms of interaction was seen to be higher)*
  - Option D: a shorter but wider long slim building also of the same height as the Architecture 2 Building occupying most of the site of Car Park "T". *This is the recommended option. It would link the Music and Architecture 2 buildings and create an "arts precinct by creating a courtyard with the other buildings. It would also promote extension of the tunnel system to the Physical Education complex.*
3. All four stakeholders in the building have agreed that the Car Park "T" site is the preferred site for the CMAD.



4. Most of the proposed site was already recommended for development in the campus plan, *A Networked Community*, which was presented to and approved by Senate on March 6, 2002. This also called for a major north-south pedestrian link passing through Car Park "J" (which would be facilitated by the preferred siting) and for Sydney Smith Road, directly west of the proposed site, to extended to Dafoe Road. The plan also recommended that future parking provisions be met by new parking structures outside the core of the campus. It is understood that a campus-wide feasibility study of car parking is in hand.

Recommendations:

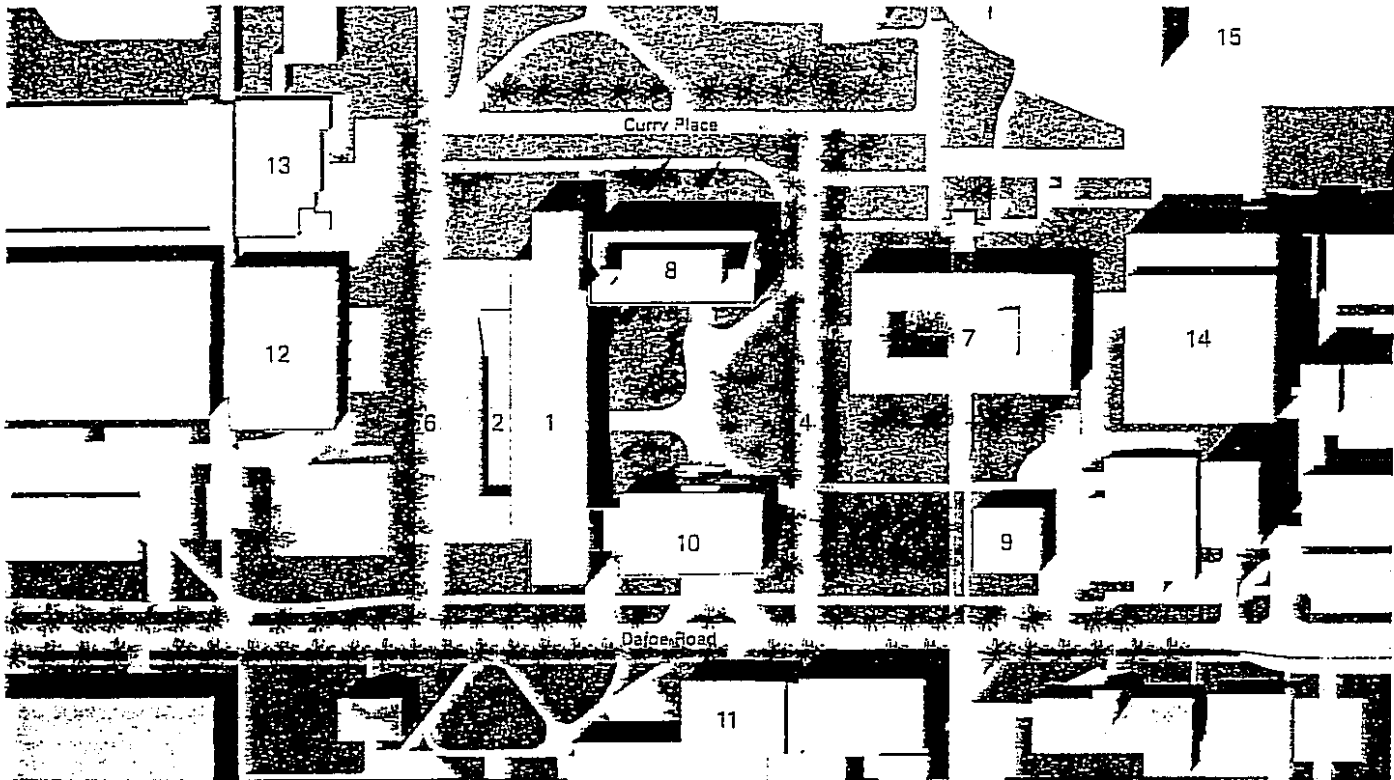
SPPC recommends that Option D be approved as the site of the Centre for Music, Art and Design.

Respectfully submitted,

Juris Svenne, Acting Chair, Senate Planning and Priorities Committee  
Alan Tate, Chair, Space Planning Sub-committee

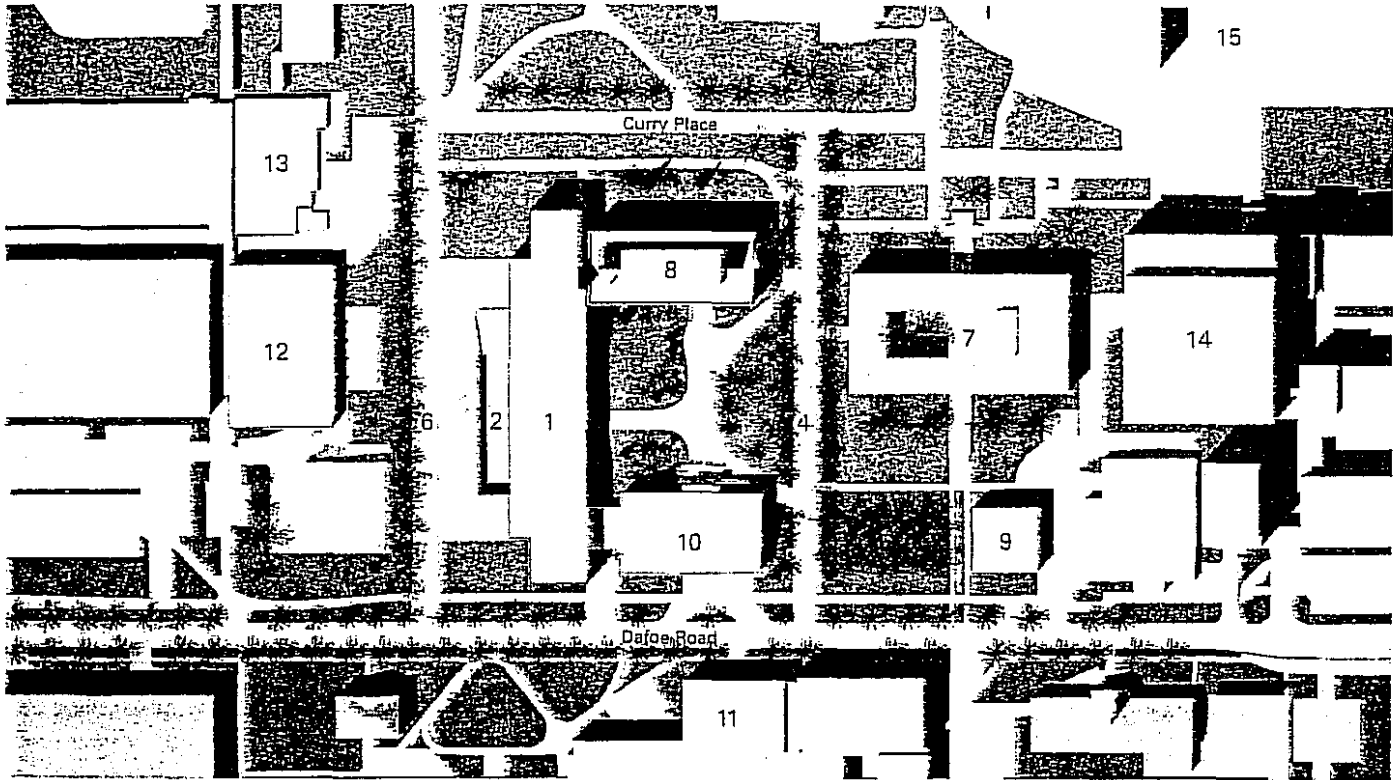
/jml

Comments of the Senate Executive Committee:  
The Senate Executive Committee endorses  
the report to Senate.



### Site Plan

1. Proposed Centre for Music Art and Design
2. Sunken Courtyard
3. Arts Precinct Courtyard
4. Proposed Pedestrian Walkway
5. Proposed Landscape Development
6. Proposed Extension to Sidney Smith Street
7. Jann A Russell Building
8. Architecture II Building
9. Centre for Architectural Structures and Technology
10. School of Music
11. Agriculture Building
12. Swimming Pool
13. Continuing Education Complex
14. Engineering Complex
15. University Centre



### Site Plan

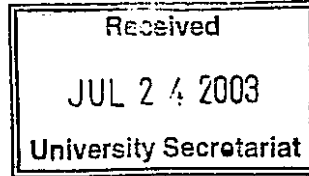
1. Proposed Centre for Music Art and Design
2. Sunken Courtyard
3. Arts Precinct Courtyard
4. Proposed Pedestrian Walkway
5. Proposed Landscape Development
6. Proposed Extension to Sidney Smith Street
7. John A Russell Building
8. Architecture II Building
9. Centre for Architectural Structures and Technology
10. School of Music
11. Agriculture Building
12. Swimming Pool
13. Continuing Education Complex
14. Engineering Complex
15. University Centre



UNIVERSITY OF MANITOBA | Faculty of Environment

July 21, 2003

Beverley M.M. Sawicki, University Secretary  
University of Manitoba  
313 Administration Bldg.  
Winnipeg, Mb. R3T 2N2



214 Sinnott Building  
Winnipeg, Manitoba  
Canada R3T 2N2  
General Office (204) 474-7252  
Dean (204) 474-7248  
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Joan\_Moore@umanitoba.ca

Dear Ms. Sawicki:

The following is a motion with respect to the organization of Faculty of Environment that we request be put forward to Senate Executive as soon as possible:

Attachment 3.2a

Following review of the report of the Faculty of Environment Structures Working Group dated March 13, 2003, consideration of the feedback received on the report, and recognizing that self-determination of each unit's organizational structure is the preferred approach in establishing our new Faculty of Environment, the Faculty Council approved (unanimously) the following motion:

That it be recommended to Senate that the organizational structure of the Faculty of Environment consist of:

A new Department, to be named in early May 2003, which will include members from the Department of Geography and from the Environmental Science Program, and from other units of the University of Manitoba who are interested in joining, with a Head reporting to the Dean of the Faculty;\*

The current Department of Geological Sciences, with others from other units of the University of Manitoba who are interested in joining, with a Head reporting to the Dean of the Faculty; The current Natural Resources Institute, with others from other units of the University of Manitoba who are interested in joining, with the Director reporting to the Dean of the Faculty.

Approved: April 24, 2003 (Faculty Council)

\* (Since the Departmental name has not yet been determined, the Vice-President (Academic) and Provost, is recommending that in the interim and without prejudice, the Department shall be referred to as the Department of Environment and Geography. - July 17, 2003)

Yours truly,

Dr. Wendy Dahlgren, Interim Dean  
Faculty of Environment

Comments of the Senate Executive Committee:  
The Senate Executive Committee endorses  
the report to Senate.

WD/jm