

A G E N D A

**I CANDIDATES FOR DEGREES,
DIPLOMAS AND CERTIFICATES – FEBRUARY 2011**

Page 3

This report will be available at the Senate meeting. A copy of the list of graduands will be kept at the front table for examination by members of Senate.

II MATTERS TO BE CONSIDERED IN CLOSED SESSION - none

III ELECTION OF SENATE REPRESENTATIVES

1. To the Senate Executive Committee

Page 4

IV MATTERS RECOMMENDED FOR CONCURRENCE WITHOUT DEBATE - none

V MATTERS FORWARDED FOR INFORMATION

1. Report of the Senate Committee on Awards – Part A

Page 5

**2. Statement of Intent: Masters of Social Work in
Indigenous Knowledge**

Page 14

3. Report of the Senate Committee on Academic Review

Page 21

4. Implementation of B.Sc. Genetics (4 year Major)

Page 28

**5. Report of the Senate Committee on Admissions
RE: Blended Entry**

Page 29

6. In Memoriam: June Jackson

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VI REPORT OF THE PRESIDENT

Page 32

VII 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.

**VIII CONSIDERATION OF THE MINUTES
OF THE MEETING OF JANUARY 5, 2011**

IX BUSINESS ARISING FROM THE MINUTES

**X REPORTS OF THE SENATE EXECUTIVE COMMITTEE
AND THE SENATE PLANNING AND PRIORITIES COMMITTEE**

1. Report of the Senate Executive Committee

Page 47

2. **Report of the Senate
Planning and Priorities Committee**

The Chair will make an oral report on the Committee's activities.

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

- | | | |
|----|--|---------|
| 1. | Report of the Faculty of Graduate Studies RE: School of
Medical Rehabilitation, Faculty of Kinesiology and Recreation
Management and the Department of Computer Science
<u>[dated December 6, 2010]</u> | Page 48 |
| 2. | <u>Report of the Senate Committee on Awards – Part B</u> | Page 59 |
| 3. | <u>Report of the Senate Committee on Nominations</u> | Page 63 |

XII ADDITIONAL BUSINESS

XIII ADJOURNMENT

Please call regrets to 474-6892 or meg_brolley@umanitoba.ca

/mb

CANDIDATES FOR DEGREES, DIPLOMAS AND CERTIFICATES

1. Degrees Notwithstanding a Deficiency

A list of students to be considered for degrees notwithstanding a deficiency will be distributed at the meeting.

Deans and Directors should note that they may be asked to explain the circumstances leading to the recommendations from their respective Faculties or Schools.

At the conclusion of discussion of the report, the Speaker of the Senate Executive Committee will make the appropriate motion(s).

2. Report of the Senate Committee on Appeals

An oral report will be presented to Senate by the Chair of the Committee only if the Committee has heard an appeal which will result in the recommendation of the award of a degree notwithstanding a deficiency.

3. List of Graduands

A list of graduands will be provided to the University Secretary on the day of the meeting. The list will not be distributed to members of Senate but will be open for inspection by individual members of Senate.

The list to be provided to the University Secretary will be a compilation of the lists of the graduands of each Faculty and School.

The Speaker for the Senate Executive Committee will make the appropriate motion approving the list of graduands, subject to the right of Deans and Directors to initiate late changes with the Registrar up to February 5, 2011.

Election of Senate Representatives to the Senate Executive Committee

1. One Senator elected by faculty/school councils needs to be elected for a term ending May 31, 2013 to replace Professor Thomas Berry, who has resigned his position on the Executive Committee.

(1) Eligible for election are:

(a) Members of Senate elected under section 27 (by faculty/school councils)

(2) Presently serving:

Prof. Joanna Asadoorian (Dental Hygiene)	2013
Prof. Kevin Coombs (Medicine)	2012
Prof. Emily Etcheverry (Medical Rehabilitation)	2012
Prof. Jennifer Mactavish (Kinesiology & Recreation Management)	2012
Prof. Mary Brabston (Management)	2012
Prof. Mark Gabbert (Arts)	2011
Prof. Judith Owens (Arts)	2011

Procedures:

- (a) Nominations for the positions shall be received from the floor.
- (b) Senators shall vote for no more than one candidate in category 1 on the ballot provided.
- (c) The candidate receiving the largest number of votes shall be elected.
- (d) In the event of a tie, the question shall be resolved by another ballot involving those candidates who have tied.

REPORT OF THE SENATE COMMITTEE ON AWARDS – PART A

Preamble

Terms of reference for the Senate Committee on Awards 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 the policy on the *Non-Acceptance of Discriminatory Awards*, such offers shall be submitted to Senate for approval. (Senate, October 7, 2009)

Observations

At its meeting of December 16, 2010, the Senate Committee on Awards approved eleven new offers, four amended offers, and the withdrawal of three offers, as set out in Appendix A of the *Report of the Senate Committee on Awards - Part A* (dated December 16, 2010).

Recommendations

On behalf of Senate, the Senate Committee on Awards recommends that the Board of Governors approve eleven new offers, four amended offers, and the withdrawal of three offers, as set out in Appendix A of the *Report of the Senate Committee on Awards – Part A* (dated December 16, 2010). These award decisions comply with the published guidelines of November 3, 1999, and are reported to Senate for information.

Respectfully submitted,

Dr. Philip Hultin
Chair, Senate Committee on Awards

Appendix A
MEETING OF THE SENATE COMMITTEE ON AWARDS
December 16, 2010

1. NEW OFFERS

Jean Altemeyer Bursary

Mrs. Jean and Dr. Robert Altemeyer have established an endowment fund of \$25,000 at the University of Manitoba, in 2010. The fund will be used to provide bursaries for students in the Inner City Social Work program, in the Faculty of Social Work. The donors have provided an additional gift of \$1,000 to offer the initial bursary in the 2010/2011 academic session. In subsequent years, the available annual interest from the fund will be used to offer one or more bursaries to undergraduate students who:

- (1) are enrolled full-time in the Faculty of Social Work, in the Inner City Social Work (B.S.W.) program;
- (2) (i) as entering students, have met the requirements for admission to the Inner City Social Work (B.S.W.) program or (ii) as continuing students have achieved a minimum degree grade point average of 2.5;
- (3) have demonstrated financial need on the University of Manitoba general bursary application form.

The selection committee will have the discretion to determine the number and value of bursaries offered each year based on the funds available.

The selection committee will be named by the Dean of the Faculty of Social Work (or designate) and will include the Director of the Inner City Social Work ACCESS program.

The Board of Governors of the University of Manitoba has the right to modify the terms of this award if, because of changed conditions, it becomes necessary to do so. Such modification shall conform as closely as possible to the expressed intention of the donor in establishing the award.

Geoffrey Crofts Bursary in Actuarial Studies

In honour of her brother, Mr. Geoffrey Crofts (B.Comm.(Hon.)/46), Miss Irene Crofts (B.A./47, Dip. Ed./48, B.Ed./53, M.Ed./56) has established the Geoffrey Crofts Bursary in Actuarial Studies with a planned gift to the University of Manitoba. Mr. Crofts has provided an initial gift to establish the endowment fund, which will be used to offer bursary support for Actuarial Mathematics students in the I.H. Asper School of Business. The available annual interest from the fund will be used to offer one bursary to a student who:

- (1) has completed between 24 and 48 credit hours toward a Bachelor of Commerce (Honours) program and has declared Actuarial Mathematics as his or her major;
- (2) in the next ensuing academic session, is enrolled full-time (minimum 24 credit hours) in the I.H. Asper School of Business;
- (3) has achieved a minimum degree grade point average of 2.0;
- (4) has demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee will be named by the Dean of the I.H. Asper School of Business (or designate) and will include the Director of the Warren Centre for Actuarial Studies.

The Board of Governors of the University of Manitoba has the right to modify the terms of this award if, because of changed conditions, it becomes necessary to do so. Such modification shall conform as closely as possible to the expressed intention of the donor in establishing the award.

Max Feldman Award for Mechanical Engineering

In celebration of the Faculty of Engineering's centennial anniversary in 2008, Mr. Max Feldman [B.Sc.(M.E.)/70] has established an endowment fund at the University of Manitoba with an initial gift of \$10,188.50, in 2010. The purpose of the fund is to encourage mechanical engineering students to excel in their studies by providing bursary support. The available annual interest from the fund will be used to offer one bursary to an undergraduate student who:

- (1) is enrolled full-time or part-time (minimum 6 credit hours) in the second, third, or fourth year of study in the Faculty of Engineering;
- (2) has achieved a minimum degree grade point average of 2.5;
- (3) has demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee will be the Scholarships, Bursaries, and Awards Committee of the Faculty of Engineering.

The Board of Governors of the University of Manitoba has the right to modify the terms of this award if, because of changed conditions, it becomes necessary to do so. Such modification shall conform as closely as possible to the expressed intention of the donor in establishing the award.

Roma Zenovea Hawirko Graduate Scholarship

Roma Zenovea Hawirko has established an endowment fund of \$105,670 at the University of Manitoba, with several gifts made between 2005 and 2009. The fund will be used to offer the Roma Zenovea Hawirko Graduate Scholarship, which is intended to encourage and stimulate graduate student interest in innovative research activity in the area of microbiology. The available annual interest from the fund will be used to offer one research scholarship to a graduate student who:

- (1) is enrolled full-time in the Faculty of Graduate studies, in the first or second year of any Ph.D. program delivered by a department in the Faculty of Science or the Faculty of Agricultural and Food Sciences;
- (2) has achieved a minimum degree grade point average of 3.5 (or equivalent) based on the last 60 credit hours of study (or equivalent);
- (3) is conducting a clearly defined and innovative research project in the area of microbiology;
- (4) has demonstrated both commitment to his or her field of study and career potential.

The application package must include: a description of the research proposal, recent transcripts, and three reference letters, one of which will be from the advisor. The reference letters must describe the student's work experience and involvement with graduate seminars and presentations.

The selection committee will be named by the Dean of the Faculty of Graduate Studies (or designate) and will include the Head of the Department of Microbiology (or designate).

The Board of Governors of the University of Manitoba has the right to modify the terms of this award if, because of changed conditions, it becomes necessary to do so. Such modification shall conform as closely as possible to the expressed intention of the donor in establishing the award.

William and Olive Humphrys Scholarship for Actuarial Mathematics

In honour of her parents, William and Olive Humphrys, Barbara Humphreys (B.Arch./41) has established an endowment fund at the University of Manitoba. The Manitoba Scholarship and Bursary Initiative has made a contribution to the fund. The available annual interest from the fund will be used to offer one scholarship, with a minimum value of \$2,500, to an undergraduate student who:

- (1) has completed between 72 and 96 credit hours toward either a Bachelor of Commerce (Honours) or a Bachelor of Science (Honours) program and has declared either Actuarial Mathematics or Statistics - Actuarial Mathematics as his or her major;
- (2) in the next ensuing academic session, is enrolled full-time (minimum 24 credit hours) in the final year of his or her program;
- (3) has achieved a minimum degree grade point average of 3.5.

The selection committee will be named by the Dean of the I.H. Asper School of Business (or designate) and will include the Director of the Warren Centre for Actuarial Studies.

The Board of Governors of the University of Manitoba has the right to modify the terms of this award if, because of changed conditions, it becomes necessary to do so. Such modification shall conform as closely as possible to the expressed intention of the donor in establishing the award.

William and Olive Humphrys Scholarship for Architecture

In honour of her parents, William and Olive Humphrys, Barbara Humphreys (B.Arch./41) has established an endowment fund at the University of Manitoba. The Manitoba Scholarship and Bursary Initiative has made a contribution to the fund. The available annual interest from the fund will be used to offer one scholarship, with a minimum value of \$2,500, to an undergraduate student who:

- (1) is enrolled full-time in the Faculty of Architecture, in Year 3 or Year 4 of the Bachelor of Environmental Design (Architecture Option);
- (2) has achieved a minimum degree grade point average of 3.5.

The selection committee will be named by the Dean of the Faculty of Architecture (or designate).

The Board of Governors of the University of Manitoba has the right to modify the terms of this award if, because of changed conditions, it becomes necessary to do so. Such modification shall conform as closely as possible to the expressed intention of the donor in establishing the award.

William and Olive Humphrys Scholarship for Electrical Engineering

In honour of her parents, William and Olive Humphrys, Barbara Humphreys (B.Arch./41) has established an endowment fund at the University of Manitoba. The Manitoba Scholarship and Bursary Initiative has made a contribution to the fund. The available annual interest from the fund will be used to offer one scholarship, with a minimum value of \$2,500, to an undergraduate student who:

- (1) is enrolled full-time in the Faculty of Engineering, in a Bachelor of Science in Engineering (Electrical) program;
- (2) has achieved a minimum degree grade point average of 3.5.

The selection committee will be the Scholarships, Bursaries, and Awards Committee of the Faculty of Engineering.

The Board of Governors of the University of Manitoba has the right to modify the terms of this award if, because of changed conditions, it becomes necessary to do so. Such modification shall conform as closely as possible to the expressed intention of the donor in establishing the award.

Chan Hon Kee Scholarship

In memory of his father, Chan Hon Kee, Roger Chan (B.C.Sc.(Hons.)/88) provides an annual contribution of \$1,000 to offer a scholarship for Computer Science students. Each year, one scholarship will be offered to a student who:

- (1) is enrolled full-time in the Faculty of Science, in the second year of any Honours or Major program in Computer Science, including the joint Honours programs;
- (2) has achieved a minimum degree grade point average of 3.5.

The selection committee will be the Awards Committee of the Department of Computer Science.

Paul G. Thomas Scholarship in Public Administration

In recognition of Dr. Paul G. Thomas's (B.A.(Hons.)/66, M.A./68) contributions to the field of public administration, including his instrumental role in the creation of the University of Manitoba/University of Winnipeg Joint Master of Public Administration (JMPA) program, colleagues, friends, and former students – many of whom have continued on to distinguished careers in the public service - have established an endowment fund at the University of Manitoba. The available annual interest from the fund will be used to offer one scholarship to a graduate student who:

- (1) is enrolled full-time or part-time in the Faculty of Graduate Studies at the University of Manitoba or the University of Winnipeg, in the first year of study in the Master of Public Administration program;
- (2) has achieved the highest degree grade point average (or equivalent), with a minimum of 3.5, based on the last 60 credit hours (or equivalent) of those students admitted to the program in the academic session for which the award is tenable.

The Dean of the Faculty of Graduate Studies (or designate) will ask the Head of the Department of Political Studies at the University of Manitoba to name the selection committee, which will include the Chair of the Joint Discipline Committee.

The Board of Governors of the University of Manitoba has the right to modify the terms of this award if, because of changed conditions, it becomes necessary to do so. Such modification shall conform as closely as possible to the expressed intention of the donor in establishing the award.

University of Manitoba Co-operative Education Student Champion Award

Faculties and programs at the University of Manitoba that offer Co-operative Education Options provide a certificate of merit to recognize Co-operative Education students who have demonstrated

personal and professional development through their participation in a Co-operative Education Option. Each year, two certificates will be offered to the students who, within the calendar year previous to receiving this award:

- (1) are deemed to be in good academic standing and eligible to continue in the Co-operative Education Option in their home faculty; and
- (2) have completed at least one work term placement as part of the requirements of a Co-operative Education Option; and
- (3) have demonstrated the greatest professional and/or personal development in the Co-operative Education programs from among all eligible candidates.

One student ranked highest by the selection committee will be identified as the winner; the student ranked second will receive an honourable mention.

For the purpose of this award, development will be defined as:

- (a) making an outstanding contribution to the workplace while on a work term, and/or
- (b) advancing the promotion of Co-operative Education to fellow students and professionals, and/or
- (c) improved academic performance as a result of applying knowledge learned at a workplace during a Co-op term, and/or;
- (d) other ways in which the applicant demonstrates his/her development and growth as a result of the Co-op participation.

Each Co-op Program may nominate one student for this award each year. Nominations must be made by the Co-op Program Coordinators or Directors, who will compile supporting documentation required from the nominator, the nominee, and a letter of reference from the co-op employer. Coordinators who have more than one program can nominate one student from each program.

Coordinators must submit, for each student nominated (a) a completed nomination form and (b) a letter of support from the Co-op Program Coordinator or Director (maximum 500 words). Student nominees must submit to the Co-op Program Coordinator (a) a completed application form and (b) an essay (maximum 500 words) describing how he / she has met the above criteria of professional and personal development through the Co-operative Education Program. The application will also include a letter of reference from the student's co-op employer.

The selection committee will be named by the University of Manitoba campus Co-operative Education Coordinators and will include two Co-operative Education Coordinators, a designated non-faculty student services advisor (preferably from University 1), a Co-operative Education employer and a non-voting chairperson.

Dr. William Webster Award

The Department of Anesthesia offers an annual award in honour of Dr. William Webster (1865 – 1934), who was appointed the first Professor of Anesthesia at the University of Manitoba in 1919 and served as President of the Canadian Society of Anaesthetists in 1922 -1923. Dr. Webster will be remembered as an outstanding clinician, researcher and educator. His textbook, *The Science and Art of Anesthesia*, published in 1924 remains a classic in the anesthesia literature. The purpose of the award is to recognize excellence in the Anesthesia – Undergraduate Clerkship. Recipients of the award will receive a monetary award of \$750 and will have their names engraved on a permanent wall plaque in the Department of Anesthesia. Each year, one prize will be offered to the student who:

- (1) has completed at least two years of the Undergraduate Medical Education program at the University of Manitoba;
- (2) has successfully completed a Multiple Specialty Rotation or Elective in Anesthesia in the academic session in which the award is tenable;
- (3) has demonstrated the following attributes:
 - i. excellent core knowledge in the key anesthesia subject areas, as outlined in the Essential Clinical Presentations (ECP) booklet;
 - ii. outstanding basic anesthesia skills (intravenous insertion, bag mask ventilation, tracheal intubation, drug preparation and administration, lumbar puncture);
 - iii. a high level of professionalism in all interactions with patients and health care team members;
 - iv. extraordinary potential as a future physician.

Candidates for the award must be nominated by a consultant anaesthesiologist. Nominations must be accompanied by a letter of recommendation (maximum 500 words) that describes/explains how the candidate has met the requirements set out in criterion (2).

The selection committee will be named by the Dean of the Faculty of Medicine (or designate) and will include the Head of the Department of Anesthesia (or designate) and the Undergraduate Coordinator for Anesthesia.

2. AMENDMENTS

Roger Evans Memorial Scholarship

Terms of reference for the Roger Evans Memorial Scholarship have been amended to reflect administrative and curriculum changes that followed from the amalgamation of the Departments of Botany and Zoology, to create the Department of Biological Sciences, several years ago.

- The scholarship will now be offered to a student in either the M.Sc. or Ph.D. in biological sciences, with a focus in animal behavior or ecology. In past years, the scholarship was offered to a student in the M.Sc. or Ph.D. in Zoology with a focus on one of these two areas.
- One reference to cumulative grade point average was updated to degree grade point average.
- The description of the selection committee, which was formerly the Department of Zoology Awards Committee, now reads: “The Dean of the Faculty of Graduate Studies (or designate) will ask the Head of the Department of Biological Sciences (or designate) to name the selection committee for this award.”
- A number of editorial changes have been made.

Gwen Rue Memorial Award

The following revisions have been made to the terms of reference for the Gwen Rue Memorial Award, for a student in a M.Sc. or Ph.D. program offered by the Department of Plant Science.

- The value of the book prize has been increased from: \$300 to: \$500.

- The revised terms allow the Department of Plant Science to use revenue in excess of the value of the book prize to purchase items directly benefitting graduate students, in addition to books, for the William R. Newman Library.
- A number of editorial changes have been made.

Mark G. Smerchanski Memorial Prize

Several amendments have been made to the terms of reference for the Mark G. Smerchanski Memorial Prize.

- The revised terms clarify that the value of the prize is equal to the available annual interest from the fund.
- The pool of eligible candidates has been broadened to include students who have completed the requirements for the Bachelor of Science in Geological Sciences (Major) degree as well as the Honours degree. Students who have completed either the Geology or Geophysics Option are eligible.
- Formerly, the prize was also open to students who had completed a degree in Bachelor of Science in Engineering (Geological Engineering). As this program has not been offered for a number of years, all references to the program were deleted from the terms.
- The revised terms identify the Department of Geological Sciences Awards Committee as the selection committee for the prize.
- A number of editorial changes have been made.

University Gold Medal in Arts and Program Medals

The selection criteria for the *University Gold Medal in Arts* and the various *Faculty of Arts Program Medals* have been revised as follows:

- Candidates for the medals are assessed using the cumulative grade point average on all credit courses attempted at the University of Manitoba over the last two regular sessions prior to graduation, with each session consisting of a minimum of 24 hours of credit completed at the University of Manitoba. Criterion (2) has been amended to allow courses taken in the summer session between the last two regular sessions to be used in the calculation of the cumulative grade point average.

At the request of the Faculty, the *Faculty of Arts Medal in the Integrated Studies Degree* has been established. The selection criteria are the same as for other Arts program medals.

3. WITHDRAWALS

Elsie C. Nesbitt Award

Terms of reference for the Elsie C. Nesbitt Award, a one-time award for a student in the Master of Fine Arts program, have been withdrawn as the award has been disbursed in the current academic session.

ITT Flygt Student Award in Engineering

Terms of reference for the ITT Flygt Student Award in Engineering have been withdrawn. The Award was established for a term of three years, which has now come to a close.

Westgen Scholarship in Animal Science

Terms of reference for the annually funded Westgen Scholarship in Animal Science have been withdrawn at the donor's request.



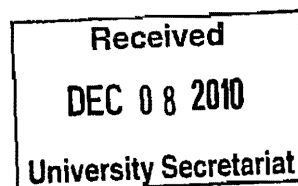
UNIVERSITY
OF MANITOBA

Office of the
Vice-President (Academic) & Provost

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December 7, 2010

Mr. Sid Rogers
Secretary
Council on Post-Secondary Education
608 - 330 Portage Avenue
Winnipeg, MB R3C 0C4



Dear Mr. Rogers,

**Statement of Intent:
Masters of Social Work based in Indigenous Knowledge**

On behalf of The University of Manitoba I am pleased to submit the attached Statement of Intent to establish a Masters of Social Work degree (MSW) based in Indigenous Knowledge.

This will be a fully accredited MSW in which the components are taught from an indigenous perspective. The program will provide graduate level students an understanding of issues affecting Indigenous people in Canadian society, indigenous approaches to providing professional help, and indigenous knowledge approaches to research.

With the Aboriginal peoples overrepresented amongst the clientele of social work professionals, particularly in child welfare, and with child welfare practice being devolved to Aboriginal agencies, it is critical that social work managers and practitioners are able to practice from an indigenous perspective.

The MSW (Indigenous Knowledge) will cover the areas of research, policy and social work practice from an Indigenous perspective, specifically addressing four key areas:

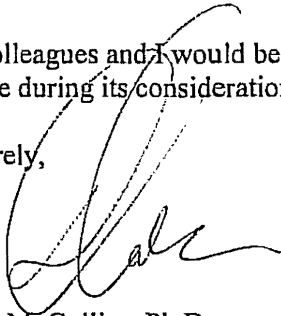
- Indigenous social history
- Identity and critical self-reflection as individuals, family members, community members, and peoples.
- The social challenges faced by today's Indigenous peoples;
- The practical application of Indigenous knowledge and theories.

We anticipate that 18 students would initially enroll in the 12 month MSW (Indigenous Knowledge); and expect annual admissions to remain at 18 students each year. As well, we anticipate being able to implement the program in September 2012.

The MSW (Indigenous Knowledge) program will not be cost neutral, and financial support will be sought from COPSE. The financial information supplied in the attached should be considered indicative, more details will be provided in a full program proposal.

My colleagues and I would be pleased to provide any additional information your Council may require during its consideration of this Statement of Intent.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Collins', written over a large, faint circular stamp or watermark.

David M. Collins, Ph.D.

Vice-Provost (Academic Planning & Programs)

Encl.

cc David Barnard, President and Vice-Chancellor
Joanne Keselman, Vice-President (Academic) and Provost
Harvy Frankel, Dean, Faculty of Social Work
Jeff Leclerc, University Secretary

STATEMENT OF INTENT

Institution

- | | |
|--|--|
| <input type="checkbox"/> Brandon University | <input type="checkbox"/> Assiniboine Community College |
| <input checked="" type="checkbox"/> University of Manitoba | <input type="checkbox"/> University College of the North |
| <input type="checkbox"/> University of Winnipeg | <input type="checkbox"/> Red River College |
| <input type="checkbox"/> Collège universitaire de Saint-Boniface | |

Program Overview

☐ Program Name: **Masters of Social Work based in Indigenous Knowledge**

☐ Credential to be offered: **Master of Social Work Degree**

☐ Does the program require accreditation from a licensing group? ☒ YES ☐ NO
If yes, name group

☐ Length of the program: 1 ☒ Years ☐ Months ☐ Semesters

☐ Proposed program start date: 01 / 09 / 2012
Day/Month/Year

☐ Which department(s) within the institution will have responsibility for the program?

The Faculty of Social Work

☐ As compared to other programs your institution will be proposing, is the priority of this program:
☒ High
☐ Medium
☐ Low

☐ Is this a new program? ☒ YES ☐ NO

☐ Is this a revision of an existing program: ☐ YES ☒ NO
If YES, name program
What are the impacts of changing this program?

☐ Will the program be available to part-time students? ☒ YES ☐ NO

☐ Will this program have a cooperative education component? ☒ YES ☐ NO
If YES, how long with the field placement be?

The Advanced Field Placement will be equivalent to 450 hours of practice.

☐ Will the program contain an option to assess the prior learning of students, to grant credit for the skills/knowledge already present? ☒ YES ☐ NO
Provide Details

The Faculty of Social Work is developing the capacity for prior learning assessment for Field Placements.

☐ Will there be distance delivery options? ☒ YES ☐ NO
Provide Details

The intent is to ultimately develop a blended model so that the program can be taken partly by distance and partly face-to-face. Our intent is to deliver the program both in Winnipeg and in Thompson.

☐ Will this program be delivered jointly with another institution? ☐ YES ☒ NO
If YES, name the institution

☐ Are similar programs offered in Manitoba or other jurisdictions? ☐ YES ☒ NO
If YES, indicate why this program is needed (e.g., area of specialization)

There are no other such programs in Manitoba. Two other jurisdictions offer

indigenous specializations within a Master of Social Work degree. To our knowledge, neither of these offers a program based on Indigenous knowledge from cultural and critical perspectives.

☐What articulation, block transfer or credit transfer arrangements will you be looking at developing for this program?

Entry will be possible from the BSW and pre-MSW programs. All students in the mainstream MSW may take parts of this program. Transfer from other MSW programs will also be possible.

Specific Program Information

1. Program Description

☐Describe the program and its objectives:

The program will be a fully accredited Master of Social Work degree in which the components are taught from an Indigenous perspective. The program will provide graduate level students Social Work Indigenous based professional knowledge and skills. It will provide an understanding of issues affecting Indigenous people in Canadian society, Indigenous approaches to providing professional help, Indigenous knowledge approaches to research.

With Aboriginal people overrepresented among clients of social work practice, particularly in child welfare, and with child welfare practice being devolved to Aboriginal agencies, it is highly important that social work managers and practitioners are able to practice from an Indigenous perspective.

☐Provide an overview of the content to be taught in this program:

The program will cover the areas of research, policy and social work practice from an Indigenous perspective. It will address four key areas: The first area concentrates on addressing Indigenous social history, establishing a common group understanding of Indigenous knowledges, and reviewing theories deemed to have significance to supporting Indigenous peoples through the past, present, and potentially future oppressions.

The second area focuses on identity and critical self-reflections as individuals, family members, community members, and peoples. This area will address how identity, particularly Indigeneity, is being maintained and challenged today, how colonial oppression has been internalized by peoples in Canada, and social work's and social theories' roles in these processes. In other words, it addresses the application of the theories and teachings from the first area to program participants as individuals, peoples, and societies.

The third area focuses on the social challenges Indigenous peoples are facing today and looks at how Indigenous helping practices are being implemented as a response to these challenges. It also addresses how colonialism continues and the processes of decolonization that are taking place. It emphasizes the idea of "social location," means of developing, changing, and/or revitalizing locations, and the Indigenous and critical theories that support social work practice and policy analysis from such perspectives, including the idea of social justice.

The fourth area of concentration looks at how the Indigenous knowledges and theories that have been introduced in previous steps are practically applied, and how their potential for implementing and directing programs, communities and policy development. The focus concentrates on reinforcing self-determination through practical applications of Indigenous knowledge and practices in Indigenous and social work contexts.

2. Enrollment

☐What is the program's initial projected enrollment?

18 Students

☐ What is the projected enrollment for the 2nd and 3rd years?

☐ Describe the expected student profile?

Year 2 18 Students

Year 3 18 Students

3. Labour Market Information

☐ What labour market need is the program expected to meet?

There is a very great demand for Aboriginal social workers. This is especially true with the devolution of Child Welfare work to Aboriginal agencies. It is true generally throughout the social services.

☐ Are there currently jobs in Manitoba in this field?

☒ YES

☐ NO

If yes, where (geographic location and industry)?

The Faculty of Social Work meets regularly with Child Welfare Agencies and Authorities. There is a serious shortage of social workers to staff these agencies and the problems are particularly acute at the management level.

☐ What is the future job forecast for individuals with this education/training/credential?

Drawing from provincial reports, we estimate, there will be 1,500 vacancies for social workers in the next 5 years.

☐ How does this program fit with Manitoba's stated economic, social and other priorities?

The program is consistent with objectives of ensuring educational success and subsequent employment of Aboriginal Manitobans and residents of Northern and remote communities. These priorities are stated, for instance, in the Canada-Manitoba Labour Market Agreement (LMA Annual Plan 2009-10), the Manitoba Innovation Framework (Aboriginal Education Framework)

☐ What agencies, groups, institutions will be consulted regarding development of the program?

At least two other Universities in Canada will be consulted. In addition, four Child Welfare authorities, the Manitoba Department of Family Services and Consumer Affairs and a number of social service agencies will be consulted. Elders from the Aboriginal community have agreed to take part in a program development committee.

☐ Is there any other information relevant to this program?

It is proposed that the program operate at an off-site location from the University Fort Garry campus. One suggestion is the Inner City Social Work Program at 485 Selkirk Ave. This would help to promote a sense of a community of learning and develop a set of appropriate cultural norms among the learners.

4. Financial Information

☐ Projected Program Costs:

Salary	355,050
Operating	198,000
Capital	109,380
Total cost	662,430

☐ Projected Program Revenue:

Tuition	22,500
Other	141,500
Total revenue	164,000

Harvy Frankel
Name (print)

Dean
Position

Signature

December 1, 2010
Date

Yearly	Costs	Revenue	COPSE Ongoing Cost	Cost per Student			
					Salary	Operating	Capital
Rent	100,000	100,000					
Communications	30,000						
Instructional costs	94,100	18,000			94,100	100,000	30,000
Portfolio Advising	12,250				12,250	30,000	79,380
Elders	129,600				129,600	45,000	
Council	15,000					10,000	
Course Development					15,000	13,000	
Coordinator	41,500	41,500			41,500		
Advisor	38,000				38,000		
Clerical Staff	24,600				24,600		
Operating costs	45,000						
Cultural Retreat	10,000	4,500					
Cultural support events	13,000						
	553,050	164,000	389,050	21,614	355,050	198,000	109,380

							662,430
Instructional costs	Sessional rates for academic staff (non-elders) - elders co-teach 5 courses (2.5 courses)						
MSW Advisors	Academic replacement cost sessional rate - elders Advise 13 of 18 students				Revenue		164,000
Elders	1.5 FTE shared by 2 or 3 persons						
Revenue	.25 of program fee for 18 students						
					Net Startup		498,430

Report of the Senate Committee on Academic Review

Preamble

1. The Terms of Reference for the Senate Committee on Academic Review are found on the web at:
http://www.umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/489.htm
2. The Committee met on December 16, 2010, to consider a report from the Vice-Provost (Academic Planning and Programs) regarding academic program reviews.

Observations

1. This report covers the progress of academic program reviews for the period November 2009 through November 2010.
2. During the period under consideration, six masters and two doctoral program reviews were completed. The Committee noted that graduate program reviews have generally proven useful in identifying strengths and possible improvements. In most instances programs have accepted and generally implemented recommendations arising from the review process, although in some cases, for clearly articulated reasons, recommendations have not been accepted. In these instances the rejections have been supported by the relevant budget Dean, and by the Dean of Graduate Studies.
3. The Committee noted that common themes were evident in the reviews: the level of funding support available the graduate students, the need to bolster communication to prospective students, and the need for strategic planning. Several reviews suggested that letters of offer be extended earlier in the calendar year in order to attract high quality students. Consistent with the previous committee report, it was noted that some programs were urged to consider credit hour reductions and concerns about average time to completion were again evident. Several reviews suggested the need for greater collaboration with other programs internal and external to the university.
4. The Committee noted that accreditation reports may be used in lieu of an academic program review. A separate report on the status of externally accredited programs was developed to monitor this process.
5. The Committee is currently reviewing the process by which non-accredited undergraduate programs occur and will meet in the spring to continue these discussions. The Committee will report to Senate on these reviews in the new year.

Respectfully submitted,

David Collins, Chair
Senate Committee on Academic Review

To: Senate Committee on Academic Reviews
From: David M. Collins, Vice-Provost (Academic Planning and Programs)
Date: November 16, 2010
Re: Academic Program Reviews – Report to the Senate Committee on Academic Reviews

I am pleased to submit this report to the Senate Committee on Academic Reviews (SCAR) addressing those academic program reviews completed since Dr. Lobdell's last report on November 17, 2009.

Common themes were evident in the reviews of the graduate programs presented, many of which were identified in the previous report. Most reviews documented concerns about the level of funding support available to graduate students, the need to bolster communication to prospective students, and the need for strategic planning. In order to attract high quality students, several reviews suggested that letters of offer be extended earlier in the calendar year. Consistent with the previous report, some programs were urged to consider credit hour reductions, and concerns about average time to completion were again evident. Of note, several reviews suggested the need for greater collaboration with other programs internal and external to the university.

The graduate program reviews have generally proven useful in identifying strengths and possible improvements. In most instances programs have accepted and generally implemented recommendations arising from the review process, although in some cases, for clearly articulated reasons, recommendations have not been accepted. In these instances the rejections have been supported by the relevant budget Dean, and by the Dean of graduate Studies.

Of note, in one instance it was reported that the self-study report was quite difficult to navigate and that a physical presentation with tabs would have helped; as would a table of contents that accurately reflected the headings used in the text. Further, the reviewers felt that the report was not really a self-study. While it was a comprehensive accounting of the program concerned; its people, structures, programs, courses and activities; the reviewer indicated that they were expecting a more reflective record of the strengths and weaknesses of the program. The reviewers urged the Faculty of Graduate Studies to reexamine the documentation requirements set for graduate program reviews with an eye to complementing the requisite data with self evaluation by professors, staff, and students associated with the programs under review.

Table 1 (attached) summarizes the current status of program reviews. Since the last report to SCAR, reviews have been completed on six masters programs and two doctoral programs. Summaries of these reviews for Computer Science, Native Studies, Music, CUSB Canadian Studies, Family Social Science, and the NRI are attached. A number of graduate programs remain in progress and should be concluded within the next 1 to 2 years.

In last years report to SCAR it was noted that prior to commencing another round of graduate program reviews, the Faculty of Graduate Studies will consider in what ways the current procedures and processes might best be modified in light of our experiences over the past several years. Any proposed changes will, of course, need to be reviewed and approved by the Senate Committee on Academic Reviews.

Table 1: GRADUATE PROGRAM REVIEWS
Status as of December 2010

Year (01 July - 30 June)	Graduate Program	Scheduled to Begin	Self-Study Report	Review Team's Report	Program Reply	Budget Dean's Comments	FGS Dean's Comments	Provost's Report to SCAR
2001/02	Law	Oct 2001	Nov 2002	Apr 2003	Jul 2003		Oct 2003	Sep 2005
	Oral & Maxillofacial Surgery	Nov 2001	Aug 2002	Apr 2003	Jul 2003		Oct 2003	Sep 2005
	Periodontics	Nov 2001	Aug 2002	Apr 2003	Apr 2003		Nov 2003	Sep 2005
	Oral Biology	Nov 2001	Jul 2002	Mar 2003	2003		Oct 2003	Sep 2005
	Orthodontics	Dec 2001	Jul 2002	May 2003	Jul 2003		Oct 2003	Sep 2005
	Physiology	Jan 2002	2002	Mar 2003	2003		Nov 2003	Sep 2005
	Medical Microbiology	Feb 2002	Oct 2002	Mar 2003	Aug 2003		Oct 2003	Sep 2005
	Icelandic	Mar 2002	May 2005	N/A	N/A		May 2005	Sep 2005
	Classics	Apr 2002	Mar 2004	Oct 2004	Mar 2005	Apr 2006	May 2005	Sep 2005
	Anthropology	May 2002	Jan 2003	Jun 2003	Jul 2003		Nov 2003	Sep 2005
	French	Jun 2002	2002	May 2003	May 2003		Dec 2004	Sep 2005
2002/03	Education (M.Ed.)	Oct 2002	Aug 2003	Dec 2003	Oct 2004		Dec 2004	Sep 2005
	Chemistry	Nov 2002	Jul 2003	Feb 2004	Oct 2004		Dec 2004	Sep 2005
	Botany	Dec 2002	Mar 2004	Nov 2004	May 2005		May 2005	Sep 2005
	Microbiology	Jan 2003	Sep 2003	Apr 2004	Jun 2004		Dec 2004	Sep 2005
	Zoology	Feb 2003	Nov 2003	Feb 2004	Dec 2004		May 2005	Sep 2005
	Physics and Astronomy	Mar 2003	2003	Mar 2004	May 2004		Dec 2004	Sep 2005
	Pharmacy	Apr 2003	2004	Mar 2004	Nov 2004		Dec 2004	Sep 2005
	Pathology	May 2003	Jan 2004	n/d 2004	Jun 2004		Dec 2004	Sep 2005
	Surgery	Jul 2003	Apr 2004	Jun 2004	Nov 2004		Dec 2004	Sep 2005
	English	Nov 2003	Aug 2004	2004	Feb 2005		May 2005	Sep 2005
2003/04	Economics	Dec 2003	n/d 2004	May 2005	Jan 2006	Apr 2006	May 2006	Oct 2007
	Architecture (Ext. Accred.)	Winter 04	N/A	2004	Oct 2004		Dec 2004	Sep 2005
	Interior Design (Ext. Accred.)	2004	2004	Jul 2005	Jan 2006	Mar 2006	Mar 2006	Oct 2007
	Agricultural Economics	Jan 2004	Sep 2004	Mar 2005	Jan 2007	Oct 2007	Oct 2007	Oct 2008
	Plant Science	Feb 2004	2004	2005	Dec 2005	Feb 2006	May 2006	Oct 2007
	Animal Science	Mar 2004	2004	Jun 2005	Nov 2005	Mar 2006	Jun 2006	Oct 2007
	Entomology	Apr 2004	Aug 2006	Dec 2006	Mar 2007	Mar 2007	Jul 2007	Oct 2007
	Food Science	May 2004	Feb 2005	May 2005	Jun 2006	Oct 2007	Oct 2007	Oct 2008
	Soil Science	Jun 2004	Mar 2005	Nov 2005	Mar 2006	Mar 2006	Aug 2006	Oct 2007
	Landscape Architecture (Ext. Accred.)	Winter 05	Nov 2004	2005	Nov 2005	Mar 2006	Jun 2006	Oct 2007
	Philosophy	Feb 2005	Oct 2005	May 2006	Sep 2006	Nov 2006	Jul 2007	Oct 2007
	Religion	Mar 2005	2005	May 2006	Sep 2006	Oct 2006	Jan 2007	Oct 2007
	Education (Ph.D.)	Jun 2005	Sep 2006	Nov 2006	Mar 2007	Apr 2007	Jul 2007	Oct 2007
2005/06	Kinesiology & Recreation Management	Oct 2005	Sep 2006	Feb 2007	Apr+Feb 07	Sep 2007	Feb 2008	Oct 2008
	Pharmacology & Therapeutics	Nov 2005	Jul 2006	Jan 2007	Apr 2007	Aug 2007	Oct 2007	Oct 2008
	Immunology	Dec 2005	Dec 2006	Jun 2007	Sep 2007	Sep 2007	Feb 2008	Oct 2008
	Social Work (MSW Accred.)	2006	2006	2007	2007	2007	2007	Oct 2007
	Medical Rehabilitation (MSc)	Jan 2006	2006	Mar 2007	Jul 2007	Sep 2007	Nov 2007	Oct 2008
	Biochemistry & Medical Genetics	Feb 2006	Jan 2007	Apr 2007	Nov 2007	Aug 2007	Feb 2008	Oct 2008
	Community Health Sciences	Mar 2006	Jan 2007	Apr 2007	Jul 2007	Sep 2007	Oct 2007	Oct 2008
	Human Anatomy & Cell Science	Apr 2006	Dec 2006	Jul 2007	Nov 2007	Dec 2007	May 2008	Oct 2008
	Human Nutritional Science (MSc)	May 2006	Jan 2007	Aug 2007	Nov 2007	Dec 2007	Feb 2008	Oct 2008
	Foods and Nutritional Science (PhD)		Review discontinued due to PhD HNS & PhD FS proposals					Oct 2008
	Computer Science	Oct 2006	Oct 2007	Feb 2008	Aug 2009	Sep 2009	Nov 2009	Dec 2010
2006/07	Mathematics	Nov 2006	Nov 2007	Feb 2008	Jul 2008	Sep 2008	Dec 2008	Nov 2009
	Biosystems Engineering	Dec 2006	Nov 2007	Mar 2008	Jun 2008	Jul 2008	Nov 2008	Nov 2009
	Civil Engineering	Dec 2006	n.d.2008	Apr 2008	Aug 2008	Sep 2008	Jun 2009	Nov 2009
	Electrical & Computer Engineering	Dec 2006	Nov 2007	Mar 2008	May 2008	Aug 2008	Oct 2008	Nov 2009
	Mechanical & Manufacturing Engineering	Dec 2006	n.d.2008	Jun 2008	Nov 2008	Jun 2009	Jun 2009	Nov 2009
	Sociology	Jan 2007	Sep 2007	Feb 2008	Jun 2008	Aug 2008	Aug 2008	Oct 2008
	Geological Sciences	Feb 2007	Mar 2008	Jun 2008	Jul 2008	Sep 2008	Feb 2009	Nov 2009
	Psychology	Feb 2007	Dec 2007	Jun 2008	Oct 2008	Feb 2009	Feb 2009	Nov 2009
	History	Mar 2007	n.d.2008	Jun 2008	Oct08 & Mar09	May 2009	Jun 2009	Nov 2009
	German & Slavic Studies	May 2007	2008	Mar 2009	Jun 2009	Aug 2009	Sep 2009	Nov 2009
	Native Studies	May 2007	Oct 2008	May 2009	Sep 2009	Oct 2009	Dec 2009	Dec 2010
2007/08	Political Studies	Oct 2007	Mar 2009	Mar 2010				
	Public Administration	Oct 2007	Oct 2007	Apr 2010				
	Canadian Studies (CUSB)	Nov 2007	Jan 2009	Sep 2009	Dec 2009	Jan 2010	Feb 2010	Dec 2010
	Education (CUSB)	Nov 2007	May 2008	Mar 2009	Jun 2009	Jun 2009		
	NRI	Jan 2008	Apr 2009	Oct 2009	Jan 2010	Mar 2010		Dec 2010
	Linguistics	Apr 2008	Apr 2009	Apr 2010				
	Music	Apr 2008	Feb 2009	Jun 2009	Oct 2009	Oct 2009	Dec 2009	Dec 2010
	Environment & Geography	Jun 2008	Sept 2010					
2010/11	Family Social Sciences	Jun 2008	Mar 2009	Oct 2009	Dec 2009	Dec 2009	Dec 2009	Dec 2010
	Disability Studies	Jul 2008						
	Statistics	Mar 2010	Mar 2010	May 2010	Sep 2010			
	Textile Sciences	2012						
	Social Work (PhD)	Deferred to next round						
	Nursing	2009						

Senate Committee on Academic Reviews

Report on the Status of Externally Accredited Programs

FACULTY Degree	Accreditation		
	Last Visit	Period (YRS)	To
Agricultural and Food Sciences			
Bachelor of Science in Agriculture Agriculture Institute of Canada (AIC)	2006	5	2011
Bachelor of Science in Agribusiness Agriculture Institute of Canada (AIC)	2006	5	2011
Bachelor of Science in Agroecology Agriculture Institute of Canada (AIC)	2006	5	2011
Bachelor of Science in Food Science Institute for Food Technologists	2009	5	2014
Architecture			
Master of Landscape Architecture (MLA) Canadian Society of Landscape Architecture (CSLA)	2010	5	2015
Master of Interior Design Professional program Council for Interior Design Accreditation(CIDA)	2005	6	2011
Master of City Planning Canadian Institute of Planners (CIP) & Manitoba Professional Planners Institute	2007	5	2012
Master of Architecture Canadian Architectural Certification Board (CICB)	2009	6	2015
Arts			
Ph.D. in Clinical Psychology American Psychological Association (APA)	2009	2	2011
Asper School of Business			
Bachelor of Commerce (Hon) Association to Advance Collegiate Schools of Business (AACSB)	2009	5	2014
Dentistry			
Dental Hygiene Diploma Canadian Dental Association (CDA)	2007	7	2014
Doctor of Dental Medicine Canadian Dental Association (CDA)	2007	7	2014

FACULTY Degree	Accreditation		
	Last Visit	Period (YRS)	To
Graduate Orthodontics Canadian Dental Association (CDA)	2007	7	2014
Graduate Oral Surgery Canadian Dental Association (CDA)	2007	7	2014
Graduate Periodontics Canadian Dental Association (CDA)	2007	7	2014
Engineering			
Bachelor of Science in Biosystems Engineering Canadian Engineering Accreditation Board - Engineers Canada	2010	3	2013
Bachelor of Science in Civil Engineering Canadian Engineering Accreditation Board - Engineers Canada	2007	6	2012
Bachelor of Science in Computer Engineering Canadian Engineering Accreditation Board - Engineers Canada	2007	5	2012
Bachelor of Science in Electrical Engineering Canadian Engineering Accreditation Board - Engineers Canada	2007	6	2012
Bachelor of Science in Manufacturing Engineering Canadian Engineering Accreditation Board - Engineers Canada	2007	6	2012
Bachelor of Science in Mechanical Engineering Canadian Engineering Accreditation Board - Engineers Canada	2007	6	2012
Human Ecology			
Bachelor of Science in Human Nutritional Sciences Dietitians of Canada	2010	7	2017
Kinesiology and Recreation Mgt			
Bachelor of Kinesiology (B.Kin) Athletic Therapy Program Canadian Athletic Therapists' Association (CATA)	2010	4	2014
Bachelor of Kinesiology (B.Kin) Canadian Council of Physical Education. & Kinesiology Administrators (CCUPEKA)	2010		pending
Bachelor of Physical Education (B.P.E.) Canadian Council of Physical Education. & Kinesiology Administrators (CCUPEKA)	2010		pending
Medicine			
Doctor of Medicine: MD Liaison Committee on Medical Education (LCME), and the Committee on Accreditation of Canadian Medical Schools (CACMS)	2004	8	2011

FACULTY Degree	Accreditation		
	Last Visit	Period (YRS)	To
Physical Therapy: BMR (PT) Accreditation Council for Canadian Physiotherapy Academic Programs (ACCPAC)	2010	5	2015
Respiratory Therapy: BMR (RT) Council on Accreditation for Respiratory Therapy Education (CoARTE)	2007	5	2012
Occupational Therapy Canadian Association of Occupational Therapists (CAOT)	2005	7	2012
Nursing			
Bachelor of Nursing: BN College of Registered Nurses of Manitoba (CRNM); NP external Review; CRNM NP competency review; CRNM entry level competency and Standards review.	2006	4	2016
Pharmacy			
Bachelor of Science in Pharmacy Canadian Council for Accreditation of Pharmacy Programs (CCAPP)	2007	7	2013
Science			
Actuarial Mathematics (with the Asper School) Society of Actuaries	2009	5	2014
Actuarial Mathematics: BSc (Hon) Society of Actuaries	2009	5	2014
Joint Statistics / Actuarial Mathematics Honours: BSc (Hon) Society of Actuaries	2009	5	2014
Bachelor of Computer Science (Honours)/(Honours Coop) Canadian Information Processing Society (CIPS) Computer Science Accreditation Council (CIPS-CSAC)	2007	5	2012
Bachelor of Science (Honours)/(Honours Coop) - Computer Science Canadian Information Processing Society (CIPS) Computer Science Accreditation Council (CIPS-CSAC)	2007	5	2012
Software Engineering Specializations (Honours & Major programs) Computer Science Accreditation Council (CSAC)	2007	5	2012
Bachelor of Science, Honours Chemistry Canadian Society for Chemistry (CSC)	2009		
Bachelor of Science, Honours Chemistry Co-op Canadian Society for Chemistry (CSC)	2009		
Bachelor of Science, 4-Year Majors Chemistry Canadian Society for Chemistry (CSC)	2009		
Bachelor of Science, 4-Year Majors Chemistry Co-op Canadian Society for Chemistry (CSC)	2009		

FACULTY Degree	Accreditation		
	Last Visit	Period (YRS)	To
Bachelor of Science, Honours Biochemistry (Jointly with Microbiology) Canadian Society for Chemistry (CSC)	2009		
Bachelor of Science, Honours Biochemistry Co-op (Jointly with Microbiology) Canadian Society of Chemistry (CSC)	2009		
Bachelor of Science, 4-Year Majors Biochemistry Co-op (Jointly with Microbiology) Canadian Society of Chemistry (CSC)	2009		
Bachelor of Science, 4-Year Majors Biochemistry (Jointly with Microbiology) Canadian Society of Chemistry (CSC)	2009		
Bachelor of Science, Honours Chemistry/Physics Canadian Society of Chemistry (CSC)	2009		
Social Work			
Bachelor of Social Work: BSW Canadian Association for Social Work Education (CASWE-ACFTS)	2007	7	2014
Master of Social Work: MSW Canadian Association for Social Work Education (CASWE-ACFTS)	2007	7	2014

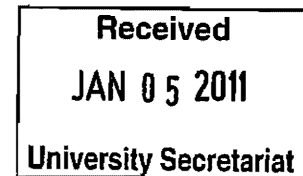


UNIVERSITY
OF MANITOBA

Office of the
Vice-President (Academic) & Provost

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January 5, 2011



To: Mark Whitmore, Dean, Faculty of Science

Date: January 4, 2011

From: Joanne C. Keselman, Vice-President (Academic) & Provost

Subject: Implementation of B.Sc. Genetics (4 year Major)

At its meeting of December 9, 2010, the Council on Post-Secondary Education approved your proposal for the establishment of the B.Sc. Genetics (4 year Major) program.

Because this new program utilizes existing resources and requires no additional financial support, I hereby approve its implementation with effect from September 2011.

On behalf of the University of Manitoba, I extend my congratulations to all those who have worked so hard to design this program. I look forward to hearing of its development and success in the years ahead.

cc: David Collins, Vice-Provost (Academic Planning and Programs)
Neil Marnoch, Registrar
✓ Jeff Leclerc, University Secretary
Thelma Lussier, Director, Institutional Analysis

Summary of the ‘blended entry’ proposals reviewed and approved by the Senate Committee on Admissions (2010.12.15 and 2011.01.17), and constructed according to a template previously approved by Senate (2010.10.06).

Forwarded to Senate for information

Preamble:

The terms of reference for this committee can be found at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/490.htm.

Observations:

1. On October 6, 2010, Senate approved a template for blended entry admission proposals, allowing direct entry from high school based on the following criteria:

- *Average of 85% or higher in final grades in three Grade 12 S or U courses, including:*
 - *One credit in English (or another language);*
 - *One course related to the discipline that is a normal prerequisite for registration in University 1 courses currently required for Faculty admission or for later registration in the degree program (e.g., biology for Kinesiology & Recreation Management; one of chemistry, physics or biology for Science);*
 - *A third course.*
- *A minimum of 60% must be presented in each of the three courses used for direct admission.*
- *Applicants must also meet the general University requirements which includes Manitoba high school graduation, with a minimum of five full credits at the Grade 12 level, in courses designated S (Specialized), U (University-based), or G (General).*
- *An admission route through University 1 must be maintained to allow students to compete for admission after 24 credit hours of qualifying work.*

2. The Committee discussed the requirement that one of the grade 12 courses be “in English (or another language)”. It was noted that international students who have studied in languages other than English are allowed to present the literature/language course they studied along with evidence of acceptable English language proficiency, a combination that the UM accepts as equivalent to Manitoba high school English studies. The Committee clarified that the use of a language other than English to meet this requirement should be understood in this way.

3. The Committee discussed proposals from those faculties outlining multiple direct entry options and clarified that, in its view, blended admission is to a faculty and not to individual programs in a faculty.

4. It was noted that high school students should continue to pay particular attention to high school courses named as prerequisites for specific UM courses in their destination faculties, both to the specific courses named and to whatever minimum grade requirements are set.

Approved recommendations (effective for September 2012 intake):

The Committee approved the following specific ‘Specialized’ (S) or ‘University-based’ (U) courses proposed by faculties to meet the 85% minimum average. Applicants are advised to note high school prerequisite course and grade requirements for specific UM courses in their ‘destination’ programs. In those cases where eligible applications outnumber the available spots in programs, applicants will require higher averages than stipulated to be successful in admission competitions, especially as faculties work to maintain an admission route through University 1 to allow students to compete for admission after 24 credit hours of qualifying work.

Faculty of Agricultural and Food Sciences:

1. English
2. Pre-Calculus Mathematics or Applied Mathematics
3. Chemistry, Physics, or Biology, or Computer Science

Faculty of Human Ecology:

1. English
2. Chemistry, Biology, or Mathematics
3. A third course

Faculty of Science:

1. English
2. Pre-Calculus Mathematics (recommended) or Applied Mathematics
3. Biology, Chemistry, Computer Science, or Physics

School of Dental Hygiene:

1. English
2. } two of: Mathematics (either Pre-Calculus Mathematics, recommended,
3. } or Applied Mathematics), Biology, or Chemistry

Faculty of Kinesiology and Recreation Management (*applicants to the Bachelor of Kinesiology **Athletic Therapy Program** are not eligible for direct entry from high school*):

1. English
2. Mathematics
3. Biology (recommended), Chemistry, Physics, or Social Studies (Social Studies options in Manitoba’s grade 12 curriculum include World Human Geography, Western Civilization History, and Social Studies: World Issues)

Respectfully submitted,
Susan Gottheil, Chair, Senate Committee on Admissions

IN MEMORIAM JUNE JACKSON

(1931 – 2010)



Shirley June Jackson died peacefully on November 25, 2010 at the age of 79. June Jackson graduated from the University of Manitoba with a B.Sc. (H.E.) in 1952. After completing her Masters at Iowa State University in 1955 she returned to the Division of Home Economics where she taught clothing and textiles. June was a favourite lecturer for many students who were always willing to listen to June's advice.

June Jackson was energetic in promoting Department status for the Clothing & Textiles Program. She was thoughtful, forward thinking, a visionary and she could strategize about how to get things done in the university climate. In 1957, June Jackson was appointed as the Director of Textile Science, which was one of two distinct areas of study in the Clothing & Textiles Program. In 1968 the Department of Clothing & Textiles was established.

June Jackson continued to contribute to the Textile Science area, which expanded in response to the increasing demand for scientific evidence by garment industries and the National Defence Research Board. Between 1961 and 1969 significant laboratory space was created for full-scale fabric testing facilities in the Human Ecology and Duff Roblin Buildings. Once her family grew she stepped down from full-time work. She was well liked and many missed her guidance.

June Jackson continued to teach textiles courses part-time for many years until 1977. In that period she also worked extensively with the Manitoba Home Economics Association. In the 80's, 90's and until recently she supported the Faculty of Human Ecology with exemplary dedication. Many students and staff in the faculty valued her many contributions over these decades.

The Faculty of Human Ecology has lost a strong supporter, and the staff and many students who knew June will miss her. June is survived by her husband and family.

PRESIDENT'S REPORT: February 2, 2011

GENERAL

The announcement of an agreement to proceed with building a new football stadium at the University of Manitoba has garnered a great deal of attention. After months of discussions, agreement was reached among the stadium partners in December 2010 on a plan to move the project forward. The new BBB Stadium Inc., a new corporate entity, comprises four partners: Government of Manitoba, The City of Winnipeg, The University of Manitoba and the Winnipeg Football Club, with each partner being represented by one director. John Alho was nominated as Director to represent the University of Manitoba.

The development of a comprehensive event day plan that ensures that congestion is mitigated and resident concerns are addressed while ensuring fan satisfaction is high priority for the University. A consultant has been hired to assist in providing several parking management plan options to the Stadium Event Day Working Group, which will present a plan to the Winnipeg Football Club for discussion and agreement. It is currently expected that the plan will be negotiated and agreed upon by the end of January 2011 and include:

- Security and crowd and traffic control.
- Operating standards for event days including noise and light pollution, but which will recognize that natural crowd and other noises and lighting related to Blue Bomber home football games will occur subject to applicable law.
- The use of parking areas on Landlord (the University) lands on event days, entitlement to revenues for such use, operation of a 'fan tram' parking shuttle system and responsibility for monitoring and enforcing parking infractions.

The winter months typically are the time when searches are underway to replace Deans of Faculties who have concluded their terms and this year is no exception. In 2011, we will welcome new Deans of Engineering, Arts, Law, Education and Pharmacy; the Engineering search has concluded and the remaining four are well underway. In addition, a search will begin in the coming weeks for a new Dean of the Asper School of Business and searches are underway for a new Chief Information Officer and an Executive Lead, Aboriginal Achievement.

The resource planning process this year brings a new innovation: both the planning template and the meeting format have been revised to foster inter-unit collaboration as well as support the integration of planning for all fund types.

In November 2010, Dr. Stan Amaladas joined the University of Manitoba as project lead for the Outstanding Workplace Initiative. A guiding team in support of this initiative has been established and begun its work, and consultations are ongoing with focus groups and individual staff members. A survey for existing UM staff has been posted on the UM web site and is accessible from the home page. Best practices are currently being researched and identified.

A framework and action plan on the basis of the consultation feedback and survey responses received will be drafted by May 2011. Based on emerging themes, a University wide Workplace Experiences Survey will be conducted for staff and faculty to provide feedback. The framework and survey results will be used to develop strategies for action (September 2011).

ACADEMIC MATTERS

- Michael Trevan, Dean, Faculty of Agricultural and Food Sciences, has recently been appointed to both the Canadian 4-H Council Board of Directors and to the Red River Exhibition Association Board of Directors.
- Mary Anne Beecher, architecture, has been elected Vice-President of the Alliance of Canadian Educators in Interior Design. She will serve as president of the organization in 2011-2012.
- John Stapleton, dean emeritus, education, received the honorary Doctor of Sacred Letters degree from Regis College, the Jesuit Faculty of Theology at the University of Toronto. Dr. Stapleton is an outstanding teacher, administrator, and community leader and was bestowed this honor by Regis College for his “contributions to society, culture and the church”.
- Joel Lamoureux, food science student, and Tara Ayotte, human nutritional science student, placed in the top two at the American Association of Cereal Chemists International (AACCI) Product Development Competition held in Savannah, Georgia for their product, "Beta Fruit Bar", an apple and blueberry layered gluten-free, naturally sweetened, oat glucan bar with dried fruits. University of Manitoba teams have placed first or second in each of the last four AACCI competitions.
- Silvia Barcellos Rosa, plant science graduate, has been awarded with the 2010 Seed of the Year Scholarship. This award is for a graduate student enrolled in a western Canadian university and developing research in plant breeding or genetics.
- Luke Nikel, student composer, will have his orchestral work, *L'étoile noyée*, premiered by the Winnipeg Symphony Orchestra during the Winnipeg New Music Festival. The premiere of this piece is part of his prize for winning the 2010 Emerging Composer Competition of the Canadian Music Centre, Prairie Region.
- Allison Pedersen, nursing graduate student, won the 2010 Sheu L. Lee Family Scholarship for Oncology Research (for full-time or part-time graduate students in Nursing, Psychology, or Medicine) awarded by the Canadian Cancer Society.
- Melissa Bailey, science, and Jody Reimer, science/arts students, were both awarded the prestigious Rhodes Scholarship in November 2010.
- David Tang, biology graduate student, is the 2010 winner of the Science Promotion Prize granted by the Canadian Council of University Biology Chairs. The prize is given annually in recognition of outstanding contribution to the promotion of biology in Canada. David Tang was one of the coordinators for the Let's Talk Science (LTS) program, sponsored by the Faculty of Science.
- The fall of 2010 marked the start of the Enrichment Program in Chemistry (EPIC), at the University of Manitoba. For five Saturday mornings, from November to February, 22 high school and homeschooled students from across Winnipeg gather at the Faculty of Science to learn about and experience the multifaceted nature of chemistry. EPIC provides opportunities for young students to explore various branches of chemistry by conducting experiments. The EPIC program was designed and is run by Horace Luong, chemistry, and includes undergraduate volunteers who coach participants during the sessions. Planning is already underway to build on the EPIC program for the next year.

- The Trudeau Foundation organizes an annual public policy conference which was held in Winnipeg this year. The University of Manitoba partnered with the Canadian Museum for Human Rights and the Winnipeg Art Gallery in hosting the 2010 conference on the theme of human rights. More than 250 people from across the country participated in the conference.
- The faculties of dentistry and medicine have merged their continuing education divisions to create a *new* interprofessional office for healthcare professional development. This *new* department will be known as the 'Office of Continuing Professional Development' and will feature the expansion of traditional discipline-specific programs to include joint programming for participants from dentistry, medicine, nursing and pharmacy. The two faculties will combine staff, resources and infrastructure to allow for more cost effective operations and enhanced program delivery.
- The faculty of social work BSW and MSW programs were re-accredited in 2007. The MSW received a seven-year re-accreditation approval and the BSW programme received a four-year re-accreditation approval. A BSW report on progress was submitted in November 2010 and confirmation has been received that the BSW's re-accreditation has been extended by three additional years, effective July 2011. Therefore, both the MSW and BSW programs received re-accreditation approval until 2014.

RESEARCH MATTERS

- The federal government announced renewal of two Canada Research Chair holders at the University of Manitoba on November 24, 2010. They are: Tapash Chakraborty, Tier 1 Canada Research Chair in Nanoscale Physics (renewed at \$200,000 per annum over 7 years) and Marc Del Bigio, Tier 1 Canada Research Chair in Developmental Neuropathology (renewed at \$200,000 per annum over 7 years). Chakraborty's research explores the physical properties of systems on a scale of a few nanometers (one nanometer equals one billionth of a metre). Del Bigio's research is directed at understanding how and why injury and disease have different effects on the immature brain in comparison to the adult brain. The University of Manitoba currently holds 48 Canada Research Chairs.
- Distinguished Professor and Vice-President (Research) Digvir Jayas (biosystems engineering) was elected as the 2011 Foreign Fellow into the National Academy of Agricultural Sciences (NAAS) India, for his outstanding contributions in the area of agricultural engineering and technology. Jayas, the fifth researcher in Canada and the first Manitoban to receive this honour is a leader in carrying out interdisciplinary research. The number of elected foreign fellows is limited to two in each year. Dr. Jayas was formally inducted on January 1, 2011 in India.
- The Terry Fox Research Institute launched their Prairie Node in Manitoba and Saskatchewan at CancerCare Manitoba on December 2, 2010. The launch took place in conjunction with the two-day research symposium to discuss mutual research interests related to translational cancer research in Manitoba and Saskatchewan. The institute is partnering with the University of Manitoba, CancerCare Manitoba, and the Saskatchewan Cancer Agency to make their research pan-Canadian. They announced \$1.1 million in funding over the next four years to support the Prairie Node and the training of cancer researchers in Manitoba and Saskatchewan.

- Dr. David Lobb (soil science, Faculty of Agricultural and Food Sciences) has been appointed the first-ever research chair in watershed systems. The creation of the research chair at the university was recommended by both the Clean Environment Commission and the Lake Winnipeg Stewardship Board and is supported with an investment from the Province of Manitoba of \$1.25 million over five years. The new chair is a first step in developing new, innovative ways to clean up Lake Winnipeg.
- On December 3, 2010 the Government of Canada and Province of Manitoba announced \$1,837,917 in funding to 28 University of Manitoba agricultural research projects:

Researcher	Project Title	Funding
Neil Holliday (entomology)	Classical Biological Control of Root Maggots in Canola with <i>Aleochara Bipustulata</i>	\$111,000
Kim Ominski (animal science)	Mechanism of Delivery of Dried Distillers Grains with Solubles (DDGS) in Beef Cattle Overwintering Diets	\$99,375
Juan Carlos Rodriguez-Lecompte (animal science)	Development of a DNA-based Vaccine Against Avian Influenza	\$95,304
Curtis Rempel (Richardson Centre for Functional Foods and Nutraceuticals)	Utilization of Modern Dry Fractionation Processing for Production of Commercially Ready Flours and Fractions with Documented Performance for the Value Chain	\$92,816
Grant Pierce (physiology/Canadian Centre for Agri-Food Research in Health)	The Effect of Dietary Flaxseed on Patients with Heart Disease	\$89,200
Neil Holliday (entomology)	Economic Impact of Plant Bugs on Beans in Manitoba	\$87,600
Usha Thiyam (human nutritional sciences)	Development of an Integrated Raman-NIR Dual Channel Spectrograph for Wheat Quality Assessment	\$87,150
Ranjan Sri Ranjan (biosystems engineering)	Evaluation of the Feasibility of Tile Drainage/Sub-Irrigation System for Sustainable Production of Potato and Corn	\$85,875
Martin Entz (plant science)	Weed Management in Organic Dry Bean and Soybean Production	\$82,500
James House (human nutritional sciences)	The Impact of Omega-3 Egg Consumption on Indices of Vascular Health in Patients with Peripheral Arterial Disease	\$81,050
Genyi Li (plant science)	Transferring of Clubroot Disease Resistance Genes of Brassica Rapa and <i>B. oleracea</i> into Canola Using Synthetic <i>B. napus</i>	\$75,000
Mohammed Moghadasian (human nutritional sciences)	Anti-Atherogenic Effects and Potential Mechanisms of Action of Corn Bran-derived Ferulic Acid Sugar Esters in Experimental Animals	\$74,800
Martin Entz (plant science)	Cereal Research Centre–U of M Collaborative Organic Wheat Breeding Program: Early Generation Nurseries	\$72,600
Drs. J.C. Plaizier and D.O. Krause (animal science)	Reducing Subacute Ruminal Acidosis (SARA) in Cattle Through the Use of <i>Megasphaera elsdenii</i> Probiotic	\$70,000

Harold Aukema (human nutritional sciences)	Comparison of Flax and Fish Oils on Fatty Acids Metabolism to Eicosanoids	\$63,000
Paul Bullock (soil science)	Monitoring Soil Moisture Levels in Western Canada Using Real-time Weather Data	\$59,950
Peter Zahradka (physiology)	Modulation of Intestinal Glucose Metabolism by Buckwheat as a Potential Mechanism for Reduced Blood Glucose in Diabetes	\$55,770
Denis Krause (animal science)	Prevention of Colibacillosis Diarrheal Disease in Weanling Piglets Using Charcoal as an Alternative to Antibiotics	\$53,000
Martin Scanlon (food science)	Effects of Pea Seed Hull Fibre on the Physiochemical Properties of Bread Dough and Antioxidant Capacity of Bread	\$50,000
Jared Carlberg (agribusiness & agricultural economics)	Effects of Market Access Reforms on the Dairy Industry in Manitoba	\$48,000
Denis Krause (animal science)	Use of Potato Starch and Probiotics to Control Inflammatory Bowel Disease in Humans: Infectious Diseases Model in Pigs	\$48,000
Belay Ayele (plant science)	Regulation of Gibberellin Content and Pre-harvest Sprouting in Cereal Grains	\$45,000
Teresa De Kievit (microbiology)	Investigation of Pseudomonas chlorophis PA23 as a Biocontrol Agent for Managing Sclerotinia Stem Rot of Canola/Rapeseed	\$42,000
David Levin (biosystems engineering)	Production of Polyhydroxylaklanote (PHA) Biodegradable Plastics Using Agriculture Residues	\$39,600
Susan Arntfield (food science)	Dairy Products as Functional Foods and Nutraceuticals	\$38,836
Wolé Akinremi (soil science)	Downward Movement of Nitrate and Phosphorus from Liquid Versus Solid Swine Manure in an Annual and Perennial Cropping Systems	\$35,480
Peter Zahradka (physiology)	Regulation of Blood Pressure by Conjugated Linoleic Acid isomers: Effects on Adipocyte Size and eNOS	\$29,500
Trust Beta (food science)	The Potential of Canaryseeds as a Functional Food Ingredient	\$25,511

- Five researchers received funding totalling \$524,687 for 6 projects from four funding sources. They are:

Researcher	Funder	Project Title	Funding
Martin Nyachoti (animal science)	Puratone Corporation	Nutritive value of zero-tannin faba beans, corn DDGS and wheat-corn DDGS for swine	\$25,000
Annemieke Farenhorst (soil science)	Vegetable Growers' Association of Manitoba	Online vegetable crop protection guide: Increasing the efficiency of extension services to Manitoba	\$27,500
Mario Tenuta (soil science)	Agrium Inc	Limiting nitrous oxide emissions from soil using controlled release nitrogen products	\$29,187

Tricia Stadnyk (civil engineering)	Manitoba Hydro	Hydrological modelling in the Deer River watershed	\$42,500
Shawn Clark (civil engineering)	Manitoba Hydro	Modeling the effect of applied shear stress on cohesive riverbank erosion	\$120,000
Tricia Stadnyk (civil engineering)	Manitoba Hydro	Canadian precipitation analysis for hydrological modeling at Manitoba Hydro	\$280,500

Forty-nine researchers received funding totalling \$9,145,209 for 56 health research related projects:

Researcher	Funder	Project Title	Funding
Newman Stephens (physiology)	Andison (D.Elaine) Foundation Inc	Mechanism of non-specific airway smooth muscle hyperreactivity as a cause of post-asthmatic residual respiratory distress	\$25,000
Pawan Singal, (physiology)	Canadian Breast Cancer Foundation	Novel approaches in reducing morbidity and mortality in breast cancer patients	\$188,000
Christina Lee (medical rehabilitation)	Canadian Breast Cancer Foundation	Healthy eating and active living (HEAL) program level 2	\$50,000
Michael Mowat (biochemistry & medical genetics/cell biology)	Cancer Research Society, Inc.	Evaluate the role of the Dlc-1 and Dlc-2 tumor suppressor genes in mammary tumorigenesis and drug resistance	\$126,000
Laura Saward (medical microbiology)	Cangene Corporation	Interaction of Pseudomonas aeruginosa biofilms and epithelial cells: The impact of innate immune modulators	\$23,000
Harold Aukema (human nutritional sciences)	Children's Hospital Foundation of Manitoba Inc.	Effect of dietary interventions on disease progression in the pcy mouse model of nephronophthisis	\$38,000
Shyamala Dakshinamurti (pediatrics/physiologist)	Children's Hospital Foundation of Manitoba Inc.	Understanding the mitochondrial contribution to agonist-induced calcium release in hypoxic pulmonary arterial myocytes	\$38,000
Shayne Taback (pediatrics & child health)	Children's Hospital Foundation of Manitoba Inc.	Teenage pregnancy: Effect on bone health for mother and child	\$37,000
Richard Nason (surgery)	Children's Hospital Foundation of Manitoba Inc.	Biology of breathing	\$120,000
Tom Blydt-Hansen (pediatrics & child health)	Children's Hospital Foundation of Manitoba Inc.	Global metabolic profiling of acute rejection in pediatric kidney transplant recipients	\$39,000
Barbara Triggs-Raine (biochemistry & medical genetics)	Children's Hospital Foundation of Manitoba Inc.	Characterization of the molecular basis of Bowen Conradi Syndrome	\$41,404

Grant Pierce (physiology)	CIHR	Non-invasive determination of biomarkers in exhaled breath condensate (EBC). Effect of dietary n-3 fatty acids on selected biomarkers in both healthy individuals and patients with peripheral arterial disease (PAD) using bio-analytical separations and electronic nose	\$105,000
Aaron Marshall (immunology/biochemistry & medical genetics)	CIHR	Investigation of the role of TAPP proteins in controlling the migration of leukemic B lymphocytes	\$105,000
Rotimi Aluko (human nutritional sciences)	CIHR	In vivo effectiveness of food protein-derived peptide inhibitors of the renin angiotensin system: Renin versus angiotensin converting enzyme inhibition	\$90,000
Francis Plummer (medical microbiology)	CIHR	Characterization of CD8+ T cell responses involved in heterogeneity in progression to AIDS	\$105,000
Gary Kobinger (immunology/medical microbiology)	CIHR	Development and evaluation of a recombinant porcine adenovirus vaccine for post-exposure protection against Ebolavirus	\$105,000
Kevin Coombs (medicine)	CIHR	Systemic host protein changes and requirements for influenza virus infection	\$828,374
Michael Czubryt (physiology)	CIHR	Role of scleraxis in cardiac collagen gene expression	\$278,852
Andrew Halayko (physiology/internal medicine)	CIHR	The S100A8/A9-RAGE axis in airway inflammation hyperresponsiveness and remodeling	\$747,468
Grant Hatch (pharmacology/biochemistry & medical genetics)	CIHR	Regulation of cardiolipin metabolism	\$528,270
James Nagy (physiology)	CIHR	Structural composition and regulation of neuronal gap junctions in the CNS	\$576,056
Jiuyong Xie (physiology)	CIHR	Dissecting the molecular components of Ca ⁺⁺ signal-induced alternative pre-mRNA splicing	\$609,932
David McCrea (physiology)	CIHR	Organization and reflex control of spinal locomotor networks	\$755,200
Lorna Turnbull (law)	CIHR	Empirical analysis of the effectiveness of patent rights as an incentive for pharmaceutical innovation	\$300,000
Charles Bernstein (internal medicine)	CIHR	Evaluating the efficacy and safety of unfractionated heparin in septic shock	\$140,000
Ronald Bouchard (law)	CIHR	Empirical analysis of the effectiveness of patent rights as an incentive for pharmaceutical innovation	\$50,000

Jue He (psychiatry)	Health Sciences Centre Foundation	Therapeutic effect of fluoxetine on memory impairment and brain pathology in a transgenic mouse model of Alzheimer's disease	\$35,000
Ryan Amadeo (anaesthesia)	Health Sciences Centre Foundation	Cerebral oxygen desaturation in thoracic surgery patients is correlated with decreased cardiac output	\$35,000
Hope Anderson (pharmacy)	Heart & Stroke Foundation of Manitoba	Regulation of cardiac hypertrophy by the CB2 cannabinoid receptor	\$100,000
Todd Duhamel (kinesiology & recreation management)	Heart & Stroke Foundation of Manitoba	The role of physical activity to enhance myocardial calcium-transport for the prevention of diabetic cardiomyopathy	\$100,000
Jonathan McGavock (pediatrics & child health)	Heart and Stroke Foundation of Canada	Natural experiment: Investigating Manitoba's new policy for physical education for secondary students	\$50,000
Todd Duhamel (kinesiology & recreation management)	Manitoba Health Research Council	Exercise biology and cardiovascular health laboratory	\$100,000
Jue He (psychiatry)	Manitoba Health Research Council	Beneficial effects of venlafaxine on memory and brain pathology in Alzheimer's disease	\$100,000
Mark Nachtigal (biochemistry & medical genetics)	Manitoba Health Research Council	Investigating altered PCSK6 activity in ovarian cancer	\$60,760
John Wilkins (biochemistry & medical genetics/internal medicine)	Manitoba Health Research Council	Systems biology based approach to the study of T-lymphocyte migration	\$119,283
Karmin O (animal science)	Manitoba Health Research Council	Hepatic contribution to monocyte recruitment and atherogenesis	\$96,813
Sam Kung (immunology)	Manitoba Health Research Council	CD40 signaling and the role of a scaffold protein, JLP, in DC maturation and functions	\$100,000
Larry Jordan (physiology)	Manitoba Health Research Council	Brainstem and spinal cord mechanisms for control of locomotion	\$128,001
Shyamala Dakshinamurti (pediatrics/physiologist)	Manitoba Health Research Council	Functional regulation of pulmonary arterial thromboxane receptor by post-translational modification, in hypoxic persistent pulmonary hypertension of the newborn	\$100,000
Marc Del Bigio (pathology)	Manitoba Health Research Council	Preclinical studies for treatment of hydrocephalus	\$100,000
David Merz (biochemistry & medical genetics)	Manitoba Health Research Council	Timing and position: How a migrating cell knows when to turn	\$100,000
Francis Plummer (medical microbiology)	Manitoba Health Research Council	Determining the role of serpins in HIV-resistance	\$100,000

Afshin Raouf (cell biology/immunology)	Manitoba Health Research Council	NOTCH3 receptor: A key regulator of human mammary epithelial progenitor cell functions	\$102,192
Grant Pierce (physiology)	Manitoba Health Research Council	The effects of specific dietary fatty acids on cardiovascular health	\$113,048
Hao Ding (biochemistry & medical genetics)	Mount Sinai Hospital	The Terry Fox New Frontiers program project in genetic analysis of signaling pathways for vascular development and tumorigenesis	\$927,140
Zahra Kazem Moussavi (electrical & computer engineering)	Neural Diagnostics Pty Ltd	The diagnosis, and biomarker identification for neurological and mental disorders using EVestG	\$28,000
Leigh Anne Shafer (internal medicine)	University Medical Group	Mathematical modelling of infectious diseases	\$50,000
Kumar Pathak (surgery)	University Medical Group	Prognostic potential of markers for invasiveness in human thyroid cancer	\$30,000
David Hudgeal (internal medicine)	University Medical Group	Sleep research	\$75,000
Richard Keijzer (surgery)	University Medical Group	The role of micro RNA's mir-10a and mir200b in (ab-) normal pulmonary development in relation to congenital diaphragmatic hernia	\$25,000
Darryl Oble (pathology)	University of Manitoba	Combined genetic and immunophenotypic study of mycosis fungoides (MF)	\$50,000
Donna Martin (nursing)	University of Manitoba	A family health needs assessment with a First Nation community using critical and indigenous methodologies	\$24,063
Richard Keijzer (surgery)	University of Manitoba	The role of micro RNA's mir-10a and mir200b in (ab-) normal pulmonary development in relation to congenital diaphragmatic hernia	\$25,000
James Bolton (psychiatry)	University of Manitoba	Physical disease and the risk of suicide: A study of the Manitoba population	\$27,683
Sharon MacDonald (community health sciences)	University of Manitoba	The need to know more about rural, remote, and under-served Manitobans: Building on strength	\$150,000
Shyamala Dakshinamurti (pediatrics/physiolog)	Winnipeg Rh Institute Foundation Inc	Regulation of thromboxane receptor hypersensitivity in persistent pulmonary hypertension of the newborn	\$43,670

ADMINISTRATIVE MATTERS

- **Project ROSE** The implementation Phase of the Resource Optimization and Service Enhancement (ROSE) initiative is well underway. PricewaterhouseCoopers (PwC) is providing project management for a six month period, after which the university will transition to in-house project management.

A Program Governance Framework was established which includes weekly stream status and program status reporting. Risks, issues and decision logs will be maintained and reviewed at each meeting. Since late November, project charters and detailed integrated project plans have been developed for 19 in-scope initiatives within 6 broad stream areas as follows:

- Finance and Supply Chain Management – Billing to Cash; E-Procurement; Monthly Reporting; Strategic Sourcing; Travel and Expense; Target Purchasing Operating Model; , IT Procurement Model;
- Human Resources – Employee Self Serve and Management Information Portal; E-Recruitment;
- Information Technology – Service Delivery Model;
- Physical Plant – Work Order Improvement; Project Management Improvement;
- Research Services – Workflow Software and Document Management; and
- Students – Admissions; Financial Aid and Awards; Student Recruitment Customer Relationship Model; Future Students Website; Classroom Scheduling.

Funding for the current fiscal year has been approved in support of each initiative. Approval for funding beyond 2010-2011 is subject to further refinement of ROSE project initiative plans, and the development of the university's 2011-2012 operating budget.

A change and communications plan has been developed for the overall ROSE program. The change and communications team will also provide guidance to each stream to ensure communications, engagement and capability support are integrated into the project plans for each initiative.

A benefits and cost management framework is being developed to track both benefits and costs against budgets, performance targets and timelines.

Each stream consists of dedicated sponsors, leads, resources and advisors (unit and faculty representatives). Work in support of the various ROSE initiatives has commenced in most streams. For example, Financial Services has arranged for various product demonstrations including an on-line travel and booking tool, e-procurement software and financial reporting tools. A new accounts receivable module has been installed and is currently in test mode. A new agreement has been signed with Fisher Scientific that will save the University between \$150,000 and \$765,000 annually. Xerox has commenced the three month assessment phase for the print management partnership for which potential savings could reach \$1.8 M.

- **Resource Planning Update** - To support the 2011/12 resource planning and allocation process, Deans, Directors and Heads of Administrative units have been requested to submit a Strategic Resource Plan using a prescribed template. Both the planning template and the meeting format have been revised to foster inter-unit collaboration as well as support the integration of planning for all fund types.

Unit Strategic Resource Plans that support the University's Planning Framework are critical to achieving the University's institutional priorities. Deans, Directors and Heads of Administrative Units have been asked to build sufficient flexibility into their unit budgets to absorb a potential reduction of 3 percent as a combination of budget reductions and reallocations are likely. While unit heads are not precluded from requesting additional funds for 2011/12, the expectation is that the majority of new initiatives will be accomplished through the re-alignment of existing resources.

Resource allocation decisions will be based on the following criteria and will be assessed using the information provided in the strategic resource planning submissions and presentations:

- alignment of proposed activities with the University Strategic Planning Framework Priorities;
- evidence of novel/new academic and administrative collaborations;
- enrolment trends;
- degree to which proposed initiatives are reasonable and achievable;

- extent to which the resource plan presents a realistic response to the budget directive (i.e. planning for a potential 3% budget reduction);
- evidence of new revenue generating activities;
- degree to which OARs and ROSE initiatives will realize financial savings;
- relevant comparative data;
- health or sustainability of unit budgets; and
- overall quality of submission and adherence to template requirements.

Deans and Directors of Academic Units, Heads of Colleges and Heads of designated major administrative units will present their strategic resource plans to the President's Executive team in a group/cluster setting in late February/early March.

Unit Strategic Resource Plans will also be shared with the President's Budget Advisory Committee (BAC) to assist them in fulfilling their role of advising on the Operating Budget and related resource allocation issues. In April, the President and Vice-Presidents will present to the BAC on the pressures and opportunities in each portfolio. Following receipt of feedback from the BAC and notification by the province on the operating grant and approved tuition increase levels, a draft budget including recommendations for changes to tuition fees and unit operating budget allocations will be presented to the BAC.

The BAC has the following members:

- President, Chair
- Vice-Presidents or designates, Academic and Administrative Vice-Presidents act as Vice-Chair as required
- University Secretary
- six faculty members from the Senate Planning and Priorities Committee, including the Chair
- two support staff members
- Chair of the Board of Governor's Finance, Administration and Human Resources Committee
- President of UMSU or designate
- President of the Graduate Students' Association or designate
- Assessor from the University of Manitoba Faculty Association
- Vice-Provost (Programs and Planning) – Resource Person
- University Budget Officer – Resource Person
- Executive Assistant to the President – Resource Person

The responsibilities of the Budget Advisory Committee are:

- To recommend to the President on the priorities for allocation of funds to meet the University's strategic objectives; and
- To review the annual budget that is recommended to the Board of Governors.

Budget materials will be presented to the Board of Governors in May, subsequent to notification of the COPSE operating grant and tuition levels.

- **Access Copyright** The Access Copyright license expired at the end of 2010. Recent years have seen significant developments in the law, particularly around the issue of "fair dealing", and the introduction of the proposed new *Copyright Act*, under Bill C-32. The use of copyrighted material by faculty, students, and staff has changed, with a growing emphasis on electronic resources. Instead of renewing this licence, and the equivalent licences it has with most other post-secondary institutions, Access Copyright has applied to the Copyright Board to certify a Tariff.

The proposed Tariff would result in substantial increases in the costs of using works (primarily print publications) in the Access Copyright repertoire. Many believe that such an increase cannot be justified in light of the growing significance of electronic resources, and the changing law. The University has every intention of paying for the use made of copyrighted material by members of our community. However, our view is that allocating the University's limited funds to modernizing our resources and services, rather than perpetuating the antiquated relationship with Access Copyright, would better place our institution in the modern world. For this reason, our institution (like many others) has decided that it will operate outside the Access Copyright Tariff. Although some adjustments will need to be made, we expect that the impact of this decision on the University community will be minimal.

As a result of these developments, the University of Manitoba has participated with other members of the Association of Universities and Colleges of Canada ("AUCC") in developing new guidelines which are being recommended for adoption across member institutions. The new Guidelines have been circulated to all faculty, staff and students and can also be found on the website of the University's Office of Legal Counsel: http://umanitoba.ca/admin/vp_admin/ofp/legal/index.html

Over the coming months, the University will continue to develop programs, educational materials, and learning opportunities to assist members of the University community with regard to the rapidly evolving issues around copyright. Work will continue on a more comprehensive copyright policy, to be brought to the Board for approval.

- **Knowledge Infrastructure Program** The University's projects funded under the federal Knowledge Infrastructure Program (KIP) are being audited. The process has begun and the Financial Services and the Government Relations Office is working with Industry Canada and the auditing consultants to provide all the required documentation.
- **Radioactive Material in Scrap Metal** A balance that was disposed of as scrap metal for recycling triggered a radiation detector at the recycling plant. The balance was retrieved and was found to contain small sealed radioactive sources. The sources were used to control static in some older balances (in this case, the one involved was manufactured between 1955 and 1966). The balance was not labeled by the manufacturer and was designed for use in a normal laboratory environment. While the balance posed no risk in normal use the sources were found to be strong enough to require special precautions during disposal. Environmental Health and Safety Office worked with the recycler, the scrap metal collection firm and Physical Plant to ensure that no other radioactive active sources had inadvertently been sent for recycling, created and distributed a hazard alert so that other suspect balances can be located and tested and made required notifications/reports to the Canadian Nuclear Safety Commission and Manitoba Environment. We have also shared this experience with other educational institutions that may face similar issues.
- **Pension Contributions** – Pension contributions will increase January 1, 2011 by 0.5% (matching increases for both employer and employee), 0.5% effective January 1, 2012 and 1.0% effective January 1, 2013. Over the three year period, these increased contributions will reduce the pension plan annual current service cost deficit by approximately \$ 4 million dollars.
- **Staff Anniversary Awards** – Receptions were held at the Fort Garry Campus (November 25) and Bannatyne Campus (December 3) for staff who were celebrating significant anniversary milestones of 5, 10, 15, 20, 25, 30, 35, 40 and 45 years.

- **University Centre** - The removal of the subfloor was carried out over the holidays and the new tile will be installed in sections with completion anticipated by end of February. Two wall murals and the proposed modular furniture in the Fireplace Lounge were reviewed with UMSU and will be in place by the end of February/March. Negotiations are ongoing with UMSU for an UMSU-managed community- focused pub to replace Wise Guys in University Centre. No other expressions of interest are being considered at this time.
- **CAW Bargaining Update** - The collective agreement in place between the University of Manitoba and members of the CAW Local 3007 (representing caretakers, food service workers, groundskeepers, engineering and skilled trades workers) expired in October, 2010, although the terms and conditions of the agreement will remain in place until at least October, 2011. There are 341 full-time, continuing and seasonal staff and 236 part-time, seasonal and casual staff who work in physical plant, food services and residences.

The university has been in active talks with the union to establish a new collective agreement. Recently, the union held a strike vote with members voting 87% in favour of a strike. No strike deadline has been set. Talks continued last week and more dates for bargaining meetings are being scheduled for later in January and early February. Contingency plans are in place to ensure the continuation of university activities during any labour dispute. Classes would continue.

- **Alcohol-Related Bus Events** - A letter banning 'booze cruises' was sent to all local nightclubs and bus companies that practice sending buses to the Fort Garry campus for the purpose of taking students to bars for excessive alcohol consumption. In light of a number of incidents over the past few months involving over-served students, it was felt prudent to inform bars and bus companies that any buses coming on campus for this purpose would be trespassing and would be dealt with accordingly. The Alcohol Policy is currently under review.
- **Domino Projects:**

ART Lab – Site services and foundation work are virtually complete. Some piling and underpinning work will be required at the Tache Hall connection which is scheduled in January. Concrete work completed on Level 200; walls, columns and elevator shaft; Level 300 floor (partial) and exterior V-shaped columns. Phase 3 began on November 2 and is progressing at an accelerated rate with substantial performance expected in October, 2011.

Biological Sciences Building – New tunnel concrete work is complete and backfilled. The foundation waterproofing is complete on the south, east and north sides. Mechanical and electrical rough-in work is ongoing on all levels. Project completion scheduled for March 31, 2011.

New Student Residence at Pembina Hall – Pembina Hall Residence - The construction schedule continues to be on track. Steel erection above Pembina Hall is complete and the Dining Hall has now reopened to residence students. The colour board for the interior design of the building is in the process of being evaluated and paint options will be applied to the mockup suite for review by Housing and Student Life representatives. Residence bedroom and lounge furniture tenders were issued the week of December 21st.

- **Delta Marsh Field Station** - The Faculty of Science has made the decision to continue funding the operation of the DMFS at a reduced level of activity. Because a number of buildings are unsafe, consultant Ian Shaw is working with the Faculty to identify buildings to be demolished and to also identify recommendations for moving forward. A meeting was held to review the draft report with Mark Whitmore and it will be re-issued by January 14th that will include final observations and recommendations.

- **Application of the Security Guard Act to Security-like Roles** – The University has been working with Manitoba Justice to ensure proper implementation of the new Provincially mandated Security Guard Act that applies to all staff working in a ‘security’ capacity (with the exception of Special Constables). The Act involves ensuring that the University is licensed as a formal Security Guard Employer and also involves training, screening and licensing processes for all security guard staff working for Residence Life and University Centre. Because the administrative process is ongoing and complex, (annual licensing requirements etc) the management of it will now be housed in Security Services which will coordinate and implement all security guard functions across both campuses.
- **Quadrangle Skating Rink** – A skating rink is available for staff and students to enjoy in the Quad. A tarp will protect the underlying grass from damage. This is a joint project with UMSU. The University prepared the rink and students are responsible for keeping the rink clear of snow throughout the winter months.
- **Curry Place Tree Lighting** - Three large deciduous trees have been identified for lighting along Curry Place to enhance the visual presence of the walkway. Those lights should be operational by the end of January.
- **Inspections** – The Winnipeg Fire Department is inspecting all Fort Garry and Bannatyne Campus buildings and has notified the University of violations which need to be addressed. Many of the violations are being addressed through maintenance or project work.
- **Wallace Building Flood** – Significant water damage, estimated at \$4.5 million, occurred to levels 100-400. Some staff have been able to move back to their spaces. A major asbestos/mould abatement program is being carried out. Tender packages are being prepared for carpet replacements and exterior wall painting.
- **Sustainability** –Waste Prevention Office achieved a 3% decrease in waste sent to landfill in 2009/10. Physical Plant expects to assume responsibility for the campus beverage container recycling program by March 2011. While UMSU/UMREG will have a role in dealing with some of the issues facing the recycling program via a steering committee, their role in managing the program will be transferred to the Waste Prevention Office. A cost-sharing agreement with UMSU will fund the wages of student employees.
- **Smartpark** – The grand opening of the **Monsanto Canola Breeding Centre** was held on November 23, 2010 hosting farmers, retail customers and other key industry stakeholders. The new breeding centre is home to the company’s high –tech research and breeding activities focused on top-yielding canola hybrids. The new 29,000 square ft. center was built to “LEED Silver” certification standards.

Innovation Plaza - Work has begun on Innovation Plaza in front of the RCFFN with significant project funding from the Richardson Foundation. A bust of Baldur Stefansson will be created for the Plaza and revealed when the project is complete at the opening ceremony in September. Madeline Vrignon is the artist selected to create the bronze bust. She is a graduate of the University’s School of Art. The University will manage the process of commissioning the bust and the Richardson Foundation would cover all costs.

Eureka Project – The official ribbon cutting of the Eureka Incubator expansion took place on November 9, 2010 hosting incubator clients, industry, government and university stakeholders and supporters.

Manitoba Conservation – Trees for Tomorrow will complete their planting of 10,000 tree seedlings in the spring of 2011. These young trees are a mix of mostly poplar cultivars and some white spruce. Half were planted last spring in the north half of Parcel B along Pembina Highway.

EXTERNAL MATTERS

- The External Relations division has renewed its vision and team purpose statements.

Vision:

- To be acclaimed as international advancement leaders who inspire exciting, mutually beneficial relationships that drive the University of Manitoba's success as a global leader in teaching, learning, research and community engagement.

Team purpose:

- We are committed to a fully integrated program of communication and engagement that inspires deep and long-term relationships with alumni, key stakeholders and potential partners to build better futures for students and the community.
- The division is presently determining its goals and strategies. These will include:
 - focusing on meeting its current fundraising objectives for defined capital projects, research initiatives and student support while developing a long-term campaign strategy to support new opportunities;
 - creating a fully-integrated marketing and communications network that unites the University community in a single vision and mandate while recognising and celebrating its many unique entities;
 - positioning the President and the University of Manitoba leadership as global thought leaders specifically in areas reflecting the strategic planning framework.
 - In addition to internal organizational matters, the Vice-President has conducted face to face meetings with 20 alumni, donors and stakeholders.
 - As of December 22, 2010, \$15,470,879.49 has been raised in philanthropic support. These are preliminary numbers as the department is still busy processing end of year donations. Examples of giving in November and December include:
 - Anonymous gift of \$256,000 to the Faculty of Science Endowment Fund;
 - Anonymous gift of \$114,000 to Bison Men's Basketball;
 - Stu Clark gift of \$3,019,805.17 to the Asper School of Business to support the academic programs of the Stu Clark Centre for Entrepreneurship; and
 - N. Murray Edwards gift of \$252,000 in support of a Financial Data Centre in the Asper School of Business.
 - The December 2010 issue of On Manitoba was sent in mid-December to 114,652 graduate households. The alumni e-news, Alumni FYI (featuring alumni and university news), was sent to approximately 45,300 e-mail addresses in late November and another in late December.
 - Welcome to the University of Manitoba iPhone app! The first version of the free app – which provides users with the ability to view the UM newsroom, podcasts and videos as well as the ability to share them across platforms – has been approved by Apple and is now included in the iTunes store listings. The app will be updated regularly with new student-focused tools.
 - Videos of the Sol Kanee Lecture Series (Arthur V. Mauro Centre for Peace and Justice) are now available on the University of Manitoba YouTube channel. The series, which has a dedicated playlist on UM's YouTube channel, currently includes four of the eight Sol Kanee lectures with the final four to be uploaded soon. The videos show the lectures in their entirety.

Report of the Senate Executive Committee

Preamble

The Executive Committee of Senate held its regular monthly meeting on the above date.

Observations

1. Speaker for the Executive Committee of Senate

Professor Jennifer Mactavish will be the Speaker for the Executive Committee for the February meeting of Senate.

2. Review of Senate Committee on Rules and Procedures (SCRP) Report (as referred by Senate on November 3, 2010)

At the January meeting, the Senate Executive Committee established an ad hoc committee, chaired by Professor Emeritus J. (Archie) Cooper to consider the broad issues arising from the discussion of the SCR report at the November 3, 2010 Senate meeting. The objective of this committee is to understand the University's current practices and to examine and propose ways by which the University can improve its policies, procedures and practices. The committee shall consider issues related to the accommodation of students with disabilities, issues surrounding Degrees Notwithstanding a deficiency, and better definitions of the authority of deans, department heads and faculty members in waiving and substituting requirements. The work of the committee will also include a review of 'best practices' at other institutions and mechanisms by which faculty members can express concerns about such matters.

Membership of the ad hoc committee will be finalized over the next month and the terms of reference will be finalized. The committee will report to the Senate Executive Committee after its initial meeting.

3. Comments of the Executive Committee of Senate

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

Respectfully submitted,

Dr. David Barnard, Chair
Senate Executive Committee
Terms of Reference:

http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/477.htm

Report of the Faculty Council of Graduate Studies on Program and Curriculum Changes

Preamble:

1. The Faculty of Graduate Studies has responsibility for all matters relating to the submission of graduate course, curriculum and program changes. Recommendations for new programs or changes are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on December 6, 2010 to consider proposals from the School of Medical Rehabilitation, the Faculty of Kinesiology and Recreation Management and the Department of Computer Science.

Observations:

1. **The School of Medical Rehabilitation proposes the reduction of credit hours in two admission streams for its M.Sc. program.**

- *Background*

The MSc Rehabilitation degree is a thesis-based program offered within the School of Medical Rehabilitation. The program faculty is drawn from the faculty members of the Depts. of Occupational Therapy, Physical Therapy and Respiratory Therapy. The M.Sc. Rehab program has a typical enrollment of 25-30 students. The program offers both full-time and part-time study.

The current requirement of 15 credit hours of course work has been in place since the inception of the M.Sc. Rehab program 20 years ago. Over that time a substantial proportion of those enrolling in the M.Sc. Rehab program have had a professional degree, either entering the program immediately upon completion of their professional training or returning to the academic setting after several years of practicing as an occupational or physical therapist. The previous academic standard for these professional programs had been a bachelor's degree; however, the accreditation bodies that oversee these programs have now implemented a change to a masters level professional credential with a prerequisite undergraduate degree. The Dept. of Occupational Therapy has already implemented this change and the Dept. of Physical Therapy has a proposal under review by COPSE to do the same.

These recent changes have generated a need to review the current program requirements in light of two very different streams by which students may seek enrollment. One stream consists of individuals with a bachelor's level professional degree with the other stream being those with a masters level professional degree.

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

- *Proposed Changes*

1) For those within the bachelor's admission stream, it is proposed that the current requirement of 15 credit hours be **reduced to 12 credit hours**. This would place the course work requirement in line with similar programs at nine other universities across the country where the mean and median are 12.3 and 12 credit hours, respectively.

2) For those within the masters admission stream, it is proposed that potential applicants be permitted to request a reduction in the requirement from 12 **to as low as 6 credit hours**. This request would be prepared in consultation with the intended advisor and submitted prior to applying for admission. The chair of the M.Sc. Rehab Program Committee would have to approve all such requests. The primary rationale for this option is to ensure that those who have already obtained a bachelor's degree and a masters level professional degree may still have reasonable access to a research-based M.Sc. program without a large burden of further course work.

In support of the above proposal, all professional programs that have moved to the masters level are placing a greater emphasis on research with the inclusion of research methods courses and independent research projects as part of the program curriculum. It is apparent (even at this early stage) that some of these research projects are approaching the extent and quality of an M.Sc. thesis and these projects could easily be expanded into a full thesis. However, the course work requirement becomes a deterrent despite the interest in the research component of the M.Sc. Rehab program. It is also relevant that several Canadian Universities are recognizing the quality of the graduates of these masters level professional programs (e.g., MOT, MPT) and are accepting them into their Ph.D. programs despite lacking a formal thesis-based masters degree. Thus, it becomes attractive to bypass the M.Sc. stage despite the benefits of gaining initial research training at the M.Sc. level. It is notable that since the inception of the MOT program at the University of Manitoba a marked decline in applications has been seen from recent graduates of the Occupational Therapy program. For these reasons, it is necessary to have the ability to facilitate the research training of suitable applicants by reducing the required number of course work credit hours. The reduction to a minimum of 6 credit hours would be on par with two other programs across Canada.

Canadian Rehabilitation Science Thesis-based Graduate Programs (M.Sc.)

Below is a list of similar programs across Canada indicating the minimum number of credit hours required for completion of the degree:

1. U of Alberta	15 credit hours
2. U of Western Ontario	6 credit hours
3. U of Toronto	9 credit hours
4. UBC	24 credit hours
5. Dalhousie	15 credit hours
6. Queens	12 credit hours
7. McGill	12 credit hours
8. McMaster	12 credit hours
9. U of Sask	6 credit hours

Mean = 12.3 credit hours; Median = 12 credit hours

- The Faculty of Graduate Studies Programs and Planning Committee met on October 6, 2010 and unanimously endorsed the proposal for the School of Medical Rehabilitation.
- The Faculty of Graduate Studies Executive Committee met on October 25, 2010 and unanimously endorsed the proposal for the School of Medical Rehabilitation.

2. **The Faculty of Kinesiology and Recreation Management proposes changing its major designations for both the Master of Arts and Master of Science to *Kinesiology and Recreation*.** Currently, the major designations are Master of Arts in *Recreation Studies* and Master of Science in *Kinesiology*. Major designations appear on a student's transcript. **The degrees will remain as Master of Arts and Master of Science.**

Given the many personnel changes in the Faculty of Kinesiology & Recreation Management and the distribution of potential advisors within the Faculty's disciplines, it is necessary for the major designations to change. Moreover, the current designations create confusion for prospective applicants in terms of their research interests. The current designations, which have become too limited in scope, reflect the disciplinary backgrounds and topics of students when the M.A. and M.Sc. were first introduced (M.A.: 1999; M.Sc. changed from Master of Physical Education in 1990).

(Please see Attach. A for full proposal or [click here](#))

- The Faculty of Graduate Studies Programs and Planning Committee met on September 1, 2010 and unanimously endorsed the proposal for the Faculty of Kinesiology and Recreation Management.
- The Faculty of Graduate Studies Executive Committee met on September 29, 2010 and unanimously endorsed the proposal for the Faculty of Kinesiology and Recreation Management.

3. a) **Department of Computer Science: M.Sc. Thesis Route: Course and Credit Hour Changes**

The Department of Computer Science, Faculty of Science, proposes the deletion of one course, **COMP 7220 Research Methodologies (0)**, and the introduction of one course, **COMP 7210 Research Methodologies (3)**. The result of the change is to give COMP 7210 *Research Methodologies* a credit hour value of 3 (letter graded) from 0 (pass/fail) and thereby put more emphasis on the importance of this course. The course begins by teaching students how to perform research in Computer Science and culminates in students creating a thesis proposal. This change emanates from the Computer Science graduate program review (Feb. 2008). The dept. feels it will have a positive bearing on time-to-completion rates, as the earlier the

proposal is deemed suitable, the earlier the student is on the path toward finishing their research.

As a further result of making *Research Methodologies* a 3 credit hour course, the total number of required credit hours in the thesis route will move from 12 to **15 credit hours**.

There are no budgetary affects from this change.

b) **Department of Computer Science: M.Sc. Course Work Route:
Revival of Course Work M.Sc. and Removal of Comprehensive
Exam**

The Department of Computer Science, Faculty of Science, proposes re-opening registrations to its Master of Science coursework route, which has been “on the books” but has been dormant for a number of years, primarily because it was deemed unworkable from the standpoint of both students and administrators. Re-opening the course work route has a number of advantages:

- Attracting a demographic that might not be satisfied by the M.Sc. thesis route;
- Local professionals looking to advance their skills who do not have a strong interest in thesis research;
- Foreign students interested in upgrading with a Canadian degree; and
- An alternate route for current thesis route students who realize thesis research is not for them and who would otherwise withdraw from the program/university.

The Universities of Alberta, Saskatchewan, British Columbia, and Waterloo, all of whom are competitors to the University of Manitoba Computer Science graduate programs, offer an M.Sc. coursework route.

The revival of the course work route would see two (2) changes:

- **Program requirement of 24 credit hours, of which up to 6 credit hours may be taken at the 4000 level and the remaining 18 credit hours at the 7000 level.** The course work route was originally approved with a requirement of 24 credit hours at the 7000 level.
- Previously, the course work route required a series of comprehensive examinations to ensure a student’s breadth, which proved to be extremely unwieldy to administer (and take)—one of the major reasons why enrolment in the program route was suspended. **The dept. proposes to delete the comprehensive examinations** as it feels that in recent years it has taken significant steps to ensure that breadth can be obtained through course work.*

* Note: See full proposal to read about breadth earned through course work
(Please see Attach.B or click here).

The preceding proposed changes emanate from the Computer Science graduate program review (Feb. 2008).

There are no budgetary effects from these changes.

- The Faculty of Graduate Studies Programs and Planning Committee met on September 1, 2010 and unanimously endorsed the proposal for the Faculty of Kinesiology and Recreation Management.
- The Faculty of Graduate Studies Executive Committee met on September 29, 2010 and unanimously endorsed the proposal for the Faculty of Kinesiology and Recreation Management.

Recommendations:

THAT Senate approve the Report of the Faculty Council of Graduate Studies on Program and Curriculum Changes [dated December 6, 2010] regarding the School of Medical Rehabilitation, the Faculty of Kinesiology and Recreation Management and the Department of Computer Science.

Respectfully submitted,

Dean J. Doering, Chair
Graduate Studies Faculty Council
/py



UNIVERSITY
OF MANITOBA

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MEMORANDUM

To: Faculty of Graduate Studies
From: Michelle Porter, Graduate Program Chair
Date: June 4, 2010
Re: Master of Science: Designation of Degree Major
Master of Arts: Designation of Degree Major

Based on motions approved at both the Graduate Program Committee and the Faculty Council of the Faculty of Kinesiology and Recreation Management we would like to change the major designations for both our graduate degrees to "Kinesiology and Recreation". **The degrees will remain as a Master of Science and a Master of Arts.**

Given many personnel changes in the Faculty and the distribution of these potential advisors within the different disciplines that are covered by our Faculty it has become time for our major designations to change. The Master of Arts degree currently has a major designation of Recreation Studies. While this designation reflected the disciplinary backgrounds and topics of students when the Master of Arts program first started in the Faculty, it is now too limited in scope. The same could be said for the MSc degree in Kinesiology. For example, we now have advisors from the humanities and social sciences who are not working in the recreation field, but they would prefer to have the students that they advise attain an MA and not an MSc with their Master's degree in our Faculty. Also, the current major designations create confusion for students who are contemplating apply for graduate programs in our Faculty, and they don't know which one they should apply to. Therefore, to better reflect the interests of students and advisors, we are proposing the above change to the designation to our degrees. In addition, changes to streamline courses and requirements are also being proposed in separate applications to the appropriate FGS committees.

Background information on the Faculty's graduate programs and names of degrees and the Faculty

In 1950 a Department of Physical Education, Recreation and Athletics was established at the University of Manitoba. The purpose of this unit was to provide physical education courses for the various schools and faculties and to direct, organize and supervise the intramural and intercollegiate athletic programs.



In February 1964, the Senate of the university approved the establishment of a three-year program leading to the degree Bachelor of Physical Education.

In June 1966, the status of School of Physical Education was achieved.

Senate approved the establishment of a Master of Physical Education degree program in May of 1979 to be offered through the Faculty of Graduate Studies.

In May 1982 the School of Physical Education became the Faculty of Physical Education and Recreation Studies.

In 1990 the Master of Physical Education was changed to the Master of Science. The Faculty of Graduate Studies then referred to the degree as a Master of Science with a major in Physical Education.

In the spring of 1998, a four-year degree program, the Bachelor of Exercise and Sport Science, was approved by the Council on Post-Secondary Education (COPSE). The Graduate Committee of the Faculty of Physical Education and Recreation Studies then voted to reflect the Master of Science degree as a Master of Science in Exercise and Sport Science. This reference was for advertising the program only. The Faculty of Graduate Studies continued to refer to the degree as a Master of Science with the major as Physical Education.

In 1999 the Master of Arts in Recreation Studies was implemented as the needs of students and advisors doing research in recreation were not being met by the Master of Science degree [in 1981 the Bachelor of Recreation Studies (BRS) degree was added which was renamed the Bachelor of Recreation Management and Community Development (BRMCD) in 2006].

In December 2005, Senate approved the recommendation to change the name of the undergraduate degree of Bachelor of Exercise and Sport Science degree (BESS) to a Bachelor of Kinesiology degree (BKin) effective October 2006. The Graduate Committee then voted to reflect the Master of Science as a Master of Science with a focus in Kinesiology.

In March 2007, the Board of Governors approved the recommendation to rename the Faculty of Physical Education and Recreation Studies to the Faculty of Kinesiology and Recreation Management effective July 1, 2007. In 2008, the Master of Science program designation was changed to Kinesiology to reflect the new Faculty name.

We are therefore recommending to the Faculty of Graduate Studies that the designation of the major for both the Master of Science degree and the Master of Arts degree in the Faculty of Kinesiology and Recreation Management be reflected as a major in Kinesiology and Recreation as follows:

**Master of Science - Major: Kinesiology and Recreation
Master of Arts - Major: Kinesiology and Recreation**

The degrees will remain a Master of Science and a Master of Arts.



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Dr. John Anderson
Professor and Graduate Chair
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Department of Computer Science
Winnipeg, Manitoba, Canada R3T 2N2

May 27, 2010

Dr. B. Hann,
Associate Dean, Faculty of Graduate Studies

Dear Dr. Hann,

At its meeting of May 12, 2010, Computer Science Departmental Council passed a series of resolutions proposing changes to our graduate programs, in response to last year's external graduate program review. As the department's Graduate Chair, I would like to request the Faculty of Graduate Studies' approval of these changes. You are already in receipt of a proposed set of supplemental regulations, updating our regulations to the department's current practices, as well as implementing these changes.

There are three items, all supported directly from the findings of the external review.

- 1) Changes in credit hours and grading to COMP 7220 (Research Methods). Comp 7220 is currently a 0 credit hour pass/fail course, and is compulsory for thesis M.Sc. students. It introduces the subject of performing research in Computer Science, and culminates in students creating a thesis proposal, which is a necessary step toward performing thesis work in our department. For a number of reasons, including time-to-completion (since the earlier the proposal is deemed suitable, the earlier the student is on the path toward finishing their research) the external review suggested that the department emphasize the importance of this course by giving it formal credit and grading. The department's graduate studies committee, and departmental council as a whole concurred with this view, and so we are requesting this course be allocated 3 credit hours and be graded rather than pass/fail. The format and nature of the course would not change at all.
- 2) Changing the number of credit hours in the thesis M.Sc. program, from 12 to 15 credit hours. The change in point 1) has an impact on the thesis M.Sc. program in that if the total number of credit hours remains unchanged, an

effective decrease in required courses would result. The department wishes to negate this effect by increasing the total number of credit hours in the program by 3, resulting in a requirement of 15 credit hours. This proposal is purely to ensure that the impact of adding credit hours to COMP 7220 remains neutral on the program as a whole, and points 1) and 2) together should have no budget impact.

- 3) The department was directed by the external review to consider re-opening registrations to its coursework M.Sc., which has been on the books, but dormant, for a number of years. Reopening this has a number of advantages, including attracting a demographic that might not currently be satisfied by the thesis M.Sc. For example, local professionals looking to advance their skills, but without a strong interest in thesis research *per se*, or foreign students interested in upgrading with a Canadian degree would be ideal for such a program. This route would also allow students who are in the thesis M.Sc. and realize that thesis research is not for them to have an alternative to simply leaving the University. A significant number of Computer Science departments in Canada offer coursework-based Master's programs (including the Universities of Alberta, Saskatchewan, British Columbia, and Waterloo, all major competitors for our students), and reopening this program would allow us to better compete with these departments. For all these reasons, reopening the existing program to new registrations was viewed positively by the department. Because the current coursework M.Sc. program was closed to registrations mainly because it was deemed unworkable from standpoint of both students and administrators in its current form, the CS Graduate Studies Committee was directed to examine ways to make the coursework M.Sc. program more effective. Two changes to this program were recommended and passed by departmental council:

- a) The current program description requires 24 credit hours at the 7000 level. Various programs across Canada were examined. These range in credit hours from 18 to 30. It was felt that given that in comparison with the thesis M.Sc. program (currently 12 credit hours excluding COMP 7220), having only 18 would be too small an addition without a thesis (and would violate the minimum requirement of 24 credit hours stipulated by our own Faculty of Graduate Studies regulations), while requiring 30 was too much. It was noted that Faculty of Graduate Studies regulations allow up to 12 of the minimum 24 credit hours to be provided by courses below the 7000 level, and that other programs (e.g. the Electrical and Computer Engineering M.Eng.) typically allow a number of 4000 (or even lower) levels of courses. It was felt that this would be helpful to students in our coursework M.Sc., in part because the larger number of graduate courses required (over the thesis M.Sc.) would make it more likely that students would have to explore areas of less familiarity, requiring them to gather some background

at the undergraduate level, and that credit should be given for this. It was felt that allowing up to 6 credit hours at the 4000-level would be appropriate, but still allow a greater requirement in terms of the number of 7000-level courses than does the thesis M.Sc. Thus, the request from the Department of Computer Science is to keep the current 24 credit hours required for the coursework M.Sc., but allow up to 6 credit hours of this to be at the 4000 level (or above), with the remaining 18 credit hours required to be at the 7000 level. We anticipate that reopening our coursework M.Sc. would have no impact on the number of graduate courses offered, because we already have to offer a significant range due to course-based breadth requirements in the thesis M.Sc. The number of students initially allowed into the coursework M.Sc. program would be controlled so that current graduate courses would remain manageable in terms of class size. This should thus have no budgetary impact at the graduate level. At the undergraduate level, while there would be some additional 4000-level courses being taken by graduate students, these courses do not currently have any problems with full class sizes. There should thus be no impact on undergraduate students being inconvenienced by the presence of additional graduate students, and no budgetary impact.

- b) Previously, our coursework M.Sc. required a series of comprehensive examinations intended to ensure a student's breadth. These proved extremely unwieldy to administer (and to take), and were the major reason why enrolment in the program was suspended. In recent years the department has taken significant steps to ensure that breadth can be obtained through coursework, and indeed, breadth in the thesis M.Sc. is defined through coursework. We divide the field of computer science into three areas (fundamentals, theory, and applications), and every graduate course must be approved by the department's graduate studies committee as offering breadth in one of these three areas before the course can be offered. Our supplemental regulations for the thesis M.Sc. programs prescribes breadth in terms of the number of courses required in each of these three areas (no more than 6 credit hours out of the 12 required to be in any one area). The department has passed supplemental regulations requiring an analogous method for ensuring breadth in the coursework M.Sc. (at least 6 credit hours at the 7000 level in each of the three areas). The department feels that in conjunction the fact that every 7000-level course is evaluated for breadth, this is a strong check on breadth and that the comprehensive exams can be eliminated. From the standpoint of a student considering a coursework M.Sc. program in Canada, having comprehensive examinations gives an archaic appearance and makes the program uncompetitive: the vast majority of coursework-based M.Sc. programs we would be competing with (e.g. Alberta, UBC, Concordia, Lakehead, Queen's, Western, Waterloo, Carleton, McGill, McMaster) do not

require comprehensive examinations. The elimination of the comprehensive exam requirement is the final program change requested by the department, and this should have no budgetary impact.

If you require any further information, please get in touch at any time.

Sincerely,

A handwritten signature in black ink, appearing to read "John Anderson". The signature is fluid and cursive, with the first name "John" and last name "Anderson" clearly distinguishable.

Dr. John Anderson
Professor and Graduate Chair

REPORT OF THE SENATE COMMITTEE ON AWARDS – PART B

Terms of reference for the Senate Committee on Awards 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 the policy on the *Non-Acceptance of Discriminatory Awards*, such offers shall be submitted to Senate for approval. (Senate, October 7, 2009)

Observation

At its meeting of December 16, 2010, the Senate Committee on Awards reviewed one amended offer, the Vision Quest – Steve Prince Memorial Bursary, which appears to be discriminatory according to the *Policy for Non-Acceptance of Discriminatory Awards*.

Recommendation

The Senate Committee on Awards recommends that Senate and the Board of Governors approve one amended offer, the Vision Quest – Steve Prince Memorial Bursary, as set out in Appendix A of the *Report of the Senate Committee on Awards- Part B* (dated December 16, 2010).

Respectfully submitted,

Dr. Philip Hultin
Chair, Senate Committee on Awards

Comments of the Senate Executive Committee:

The Senate Executive Committee endorses the report to Senate.

Appendix A

MEETING OF THE SENATE COMMITTEE ON AWARDS December 16, 2010

1. AMENDED OFFER

Vision Quest – Steve Prince Memorial Bursary

Two changes have been made to the terms of reference for the Vision Quest – Steve Prince Memorial Bursary, which is offered to Aboriginal students enrolled in the I.H. Asper School of Business.

- Criterion (3) has been revised to read: “[who] has completed at least 24 credit hours of university course work,” from: “[who] has completed at least one year of study in the I.H. Asper School of Business.”
- In criterion (4), a reference to cumulative grade point average has been corrected to degree grade point average, and the required dgpa has been lowered from: 3.0 to: 2.5.

(Attachments I and II)



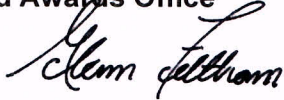
UNIVERSITY
OF MANITOBA

Asper School of Business

Glenn Feltham, PhD, MBA, LLB, CMA, FCMA
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DATE: December 14, 2010

TO: Shannon Coyston, Awards Establishment Coordinator
Financial Aid and Awards Office

FROM: Glenn Feltham 

SUBJECT: VISION QUEST - STEVE PRINCE MEMORIAL BURSARY

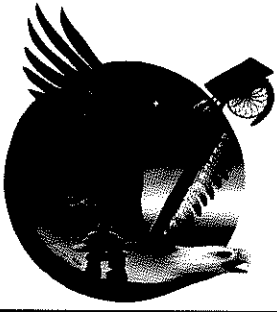
The Asper School of Business is committed to growth in Aboriginal Business Education. During 2009-2010, a total of 59 aboriginal students were studying in the Asper School of Business, only 3.1% of our total student population.¹ Over the past five year, the percentage of students enrolled in the Asper School of Business relative to the total number of students enrolled averaged 2.6%.¹ As aboriginal peoples represent 15.5% of Manitoba's population,² aboriginal students are under-represented at the Asper School of Business in comparison to the general population.

The Vision Quest Bursary provides meaningful support to aboriginal students enrolled in the Bachelor of Commerce (Honours) program in the Asper School of Business. Given the Asper School's commitment to growth in Aboriginal Business Education, and given the under-representation of aboriginal students in the School, I strongly support the continued offering of this bursary.

¹Office of Institutional Analysis, University of Manitoba

²2006 Census, Statistics Canada





ABORIGINAL STUDENT CENTRE

November 30, 2010

Dr. Phil Hultin
Chair of the Senate Committee on Awards
C/o Ms. Shannon Coyston
Awards Establishment Coordinator
422 University Centre

Dear Dr. Coyston & Senate Committee:

Please accept this letter as formal support for the proposed changes to the Vision Quest Bursary designed to assist Aboriginal students in the Asper School of Business.

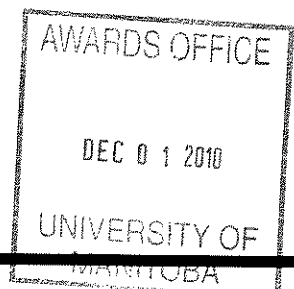
As the Director of the Aboriginal Student Centre I can verify that financial strain is the leading cause for Aboriginal students leaving school before graduation. It is common knowledge that many Aboriginal peoples live in poverty and whereas a university education can help rectify this, most cannot afford to do so and few have the privilege of obtaining financial support from their families. Bursaries and scholarships are a major component of a successful retention plan.

The number of Aboriginal students attending the University of Manitoba continues to increase and I believe this is partially due to the financial assistance made available through programs and faculties. The Vision Quest Bursary is an example of a Faculty wanting to assist with the financial difficulties faced by some of their students. The proposed changes are to assist making the bursary more accessible to Aboriginal students studying in the Asper School of Business and for this I extend my full support. As of November, 2010 there are 62 self declared Aboriginal students in the Faculty, or 3.2% (Office of Institutional Analysis, 2010).

I trust that the Senate committee will approve this amendment and assist with the retention efforts of the Asper School of Business for Aboriginal students.

In education, miigwetch

Kali Storm, Director
Aboriginal Student Centre



**STUDENT
AFFAIRS**

creating opportunities for student success



**UNIVERSITY
OF MANITOBA**

Report of the Senate Committee on Nominations

Preamble

1. The Terms of Reference for the Committee are found on the University Governance website at www.umanitoba.ca/governance.
2. The Senate Committee on Nominations is responsible for recommending academic staff and student nominees for standing, *ad hoc* and special committees of Senate, as well as recommending Senate representatives on other University committees and outside boards. The Committee's recommendations are forwarded to Senate for consideration and approval.

Observations

1. Listed below are academic committee vacancies to be filled, along with the names of the nominees being proposed, their faculty/school and the expiry date of their terms.

COMMITTEE	NOMINEE(S)	FACULTY/SCHOOL	TERM END DATE
Senate Committee on Admissions	Michele Piercey-Normore (leave replacement)	Science	2011.06.30

2. Listed below are student Senate committee vacancies to be filled, along with the names of the nominees being proposed, their faculty/school and the expiry date of their terms.

COMMITTEE	NOMINEE(S)	FACULTY/SCHOOL	TERM END DATE
Senate Committee on Awards	Neil Loewen	Architecture	2011.10.14
Senate Committee on Admissions	Kevin Wiens	Architecture	2011.10.14
	Michael Butterworth	Architecture	2011.10.14
Senate Committee on Academic Computing	Jason Shields	Architecture	2012.10.14
	Raja Chakraborty	Graduate Studies	2012.10.14
	TBA	Graduate Studies	2012.10.14
	TBA	Undergraduate Student	2012.10.14
Senate Committee on Academic Dress	Gabrielle Vanstraelen	Human Ecology	2011.10.14

COMMITTEE	NOMINEE(S)	FACULTY/SCHOOL	TERM END DATE
Senate Committee on Academic Freedom	Jordan Bull	Engineering	2011.10.14
Senate Committee on the Calendar	Nick Shamanski	Kinesiology	2011.10.14
Senate Committee on the Libraries	Mohammed Sadek	Graduate Studies	2012.10.14
	TBA	Graduate Studies	2012.10.14
Senate Committee on Animal Care	Ning Ma	Graduate Studies	2012.10.14
Senate Committee on the Ethics of Research Involving Human Subjects	Raja Chakraborty	Graduate Studies	2012.10.14
Senate Committee on Appeals	TBA (alternate position)		2011.10.14
Senate Committee on Instruction and Evaluation	TBA	Graduate Studies	2011.10.14
JSC Master's Programs	TBA	Graduate Studies	2011.10.14
JSC Master's Appeals	TBA	Graduate Studies	2011.10.14
Senate Planning and Priorities Committee	TBA	Undergrad	2012.10.14
	TBA	Graduate Studies	2012.10.14
Senate Committee on Rules and Procedures	TBA	Senator	2011.10.14
Senate Committee on University Research	TBA	Graduate Studies	2012.10.14
	TBA	Graduate Studies	2012.10.14

Respectfully submitted,

Professor E. Etcheverry, Chair
Senate Committee on Nominations

/lrjl

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