

Senate
Senate Chamber
Room E3-262 Engineering Building
WEDNESDAY, November 6, 2019
1:30 p.m.

A G E N D A

I MATTERS TO BE CONSIDERED IN CLOSED SESSION - none

II MATTERS RECOMMENDED FOR CONCURRENCE WITHOUT DEBATE

1. Report of the Faculty of Graduate Studies Executive Committee on Course and Curriculum Changes RE: Faculties of Architecture, Engineering, and Graduate Studies, Departments of Community Health Sciences and Human Anatomy and Cell Science, and Université de Saint-Boniface (Education) [October 1, 2019] Page 3
2. Proposed Academic Schedule, 2020 Summer Term Page 7

III MATTERS FORWARDED FOR INFORMATION

1. Reports of the Senate Committee on Awards
 - a) [August 22, 2019] Page 12
 - b) [September 24, 2019] Page 24
2. In Memoriam: Dr. Usha Mittoo Page 32
3. In Memoriam: Dr. Deo Poonwassie Page 33
4. In Memoriam: Dr. Lance Roberts Page 34
5. In Memoriam: Dr. Kenneth Standing Page 35
6. Correspondence from the Provost and Vice-President (Academic) RE: Implementation of Post-baccalaureate Diploma in Medical Physiology and Pathophysiology Page 36

IV REPORT OF THE PRESIDENT

V QUESTION PERIOD

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

VI CONSIDERATION OF THE MINUTES OF THE MEETING OF OCTOBER 2, 2019

VII BUSINESS ARISING FROM THE MINUTES - none

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

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|----|--|---------|
| 1. | <u>Report of the Senate Executive Committee</u> | Page 38 |
| 2. | <u>Report of the Senate
Planning and Priorities Committee</u> | |

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

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

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|------|--|---------|
| 1. | <u>Reports of the Senate Committee on Admissions</u> | |
| a) | RE: Revised Direct Entry Admission Requirements,
Bachelor of Kinesiology, Bachelor of Physical
Education, and Bachelor of Recreation Management
and Community Development, Faculty of Kinesiology
and Recreation Management | Page 39 |
| b) | RE: Revised Advanced Entry Admission Requirements,
Bachelor of Health Studies, Interdisciplinary Health
Program, Rady Faculty of Health Sciences | Page 43 |
| 2. | <u>Reports of the Senate Committee on University Research</u> | |
| a) | RE: Proposal to Establish a Professorship in Business
Sustainability | Page 45 |
| b) | <u>RE: Periodic Reviews of Research Centres and Institutes</u> | |
| (i) | <u>Institute of Cardiovascular Sciences</u> | Page 52 |
| (ii) | <u>Spinal Cord Research Centre</u> | Page 55 |

X ADDITIONAL BUSINESS - none

XI ADJOURNMENT

Please call regrets to 204-474-6892 or send to shannon.coyston@umanitoba.ca.

Report of the Executive Committee of the Faculty of Graduate Studies on Course and Curriculum Changes

Preamble

1. The Faculty of Graduate Studies (FGS) has responsibility for all matters relating to the submission of graduate course, curriculum, program and regulation changes. Recommendations for such are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. In October 2007, the Faculty of Graduate Studies approved a process of *Streamlining Course Introductions, Modifications, & Deletions* which allows the Executive Committee to approve these changes in lieu of Faculty Council when the courses are not associated with a new program or program changes.
3. The Faculty of Graduate Studies Executive Committee met on the above date to consider proposals from the Faculty of Architecture, Dept. of Community Health Sciences, Faculty of Engineering, Faculty of Graduate Studies, Dept. of Human Anatomy & Cell Science, Université de Saint-Boniface (Education).

Observations

1. The **Faculty of Architecture** proposes the deletion of two (2) courses, ARCG 7100 and ARCG 7210. These courses were created together for use in the new Ph.D. Program in Design and Planning in 2005. The courses were used on one occasion and when the Ph.D. in Design and Planning Supplemental Regulations were refined in 2016-17, all references to these courses were deleted. This was in order to be more flexible for the trans-disciplinary program and more appropriate to the incoming students.

Course Deletions

ARCG 7100 Advanced Theory of Design and Planning -3

ARCG 7120 Advanced Research Methods in Design and Planning -3

NET CREDIT HOUR CHANGE -6

2. The **Dept. of Community Health Sciences** proposes the modification of two courses, CHSC 7710 and CHSC 7720. As the Centre on Aging has been undergoing its process of removing all references to the 'Specialization in Aging' concentration, the two course descriptions in CHS made specific reference to: "This course is a required course for the Graduate Specialization in Aging Certificate." In hindsight, such a sentence should not have been part of the course description in the first place. For example, CHS does not list as part of the calendar description that any of its other core courses are a core course for the M.Sc., M.P.H., or Ph.D. program. Rather, those types of

statements are reflected in program descriptions but not actual course content descriptions. It is expected that CHSC 7710 and CHSC 7720 would continue to be listed among a suite of possible graduate course offerings for students interested in Aging.

Course Modifications

CHSC 7710 Social Aspects of Aging

3

This course is an advanced seminar designed to examine current social issues in aging. The course is organized around selected topics related to aging. Where possible, the Canadian experience will be compared to international trends and diversity will be highlighted. The first section is a review of the field of gerontology, ageism, demographic trends, theoretical perspectives and methods and the second section explores contemporary social issues. Prerequisite: Students outside CHS require instructor permission.

CHSC 7720 Health and Aging

3

This course is an advanced seminar designed to examine health and health care issues in aging. Where possible, the Canadian (or Manitoban) experience will be highlighted. Key topics in the health domain will be covered, such as frailty, mental health and dementia. The provision of care for older adults will also be covered, focusing on both the formal care system, as well as informal care providers. Prerequisite: Students outside CHS require instructor permission.

NET CREDIT HOUR CHANGE

0

3. The **Faculty of Engineering** proposes the introduction of two (2) courses, ENG 7030 and ENG 7040. Both courses are designed for a learning experience in the various elements that meets or exceeds the senior undergraduate level. These courses reflect the research focus areas of present and past graduate students in the Faculty of Engineering who have directed their programs on engineering education topics, including three completed students and at least six students in progress. To date, these topics have been covered through one-on-one advisor mentoring and/or through Special Topics offerings. As the Faculty works towards a stronger and more directed focus on engineering education scholarship, these courses will serve the demonstrated interests and needs of students.

A letter of support has been received from the Deans of Education and Science.

Course Introductions

ENG 7030 The Discipline of Engineering Education

+3

An in-depth examination of the discipline of engineering education, including its evolution, its characteristics, application, and theoretical developments.

ENG 7040 Foundations of Engineering Education Research

+3

Engineering education research conceptual and theoretical frameworks, methodologies and methods in both qualitative and quantitative paradigms, and the scholarship of teaching & learning in engineering education.

NET CREDIT HOUR CHANGE**+6**

4. The **Faculty of Graduate Studies** proposes the modification of one (1) course, GRAD 7500. A more generic course description will better align with current and future changes to the tutorial in terms of content, structure and scoring.

Course Modification**GRAD 7500 Academic Integrity Tutorial****0**

New and continuing Masters and Doctoral students will learn about academic integrity by participating in online tutorials. A brief learning-check will be written after the tutorials have been viewed. Students newly admitted to a graduate program must successfully complete this course within the first term of registration. The course grade is a pass/fail.

NET CREDIT HOUR CHANGE**0**

5. The **Dept. of Human Anatomy & Cell Science** proposes the introduction of one (1) course, ANAT 7012. In Fall 2017, the department introduced IMED 7004 Human Brain Imaging Methods, and in Fall 2018, when the department offered IMED 7004 for the second time, student feedback indicated that more in-depth hands-on experience in the computer lab would be beneficial. Thus, the department is proposing a new course that is focused on computer lab sessions with more advanced brain imaging techniques. This course will cover the basic concepts for different advanced imaging analytic methods. Students will gain practical experience in analyzing brain imaging data using advanced techniques such as voxel-based morphometry, diffusion tensor imaging, independent component analysis, graph theory analysis and support vector machine.

Course Introduction**ANAT 7012 Advanced Brain Imaging Methods****+1.5**

Basic concepts and theories behind advanced brain imaging methods will be introduced, which includes multivariate pattern analysis and machine learning. Students will then analyze sample datasets using advanced computational approaches learned in class. Pre-requisites: IMED 7004.

NET CREDIT HOUR CHANGE**+1.5**

6. The **Université de Saint-Boniface** Faculty of Education proposes the introduction of one (1) course, EDUA 7901 in the area of mental health. As well as addressing an important issue, this new course is also meant to bolster course offerings in the M.Ed. program at USB.

Course Introduction

Étude des troubles de santé mentale chez les enfants et les adolescents en contexte scolaire.

NET CREDIT HOUR CHANGE

+3

Recommendations

The Executive Committee recommends THAT: the course changes from the units listed below be approved by Senate:

Faculty of Architecture

Dept. of Community Health Sciences

Faculty of Engineering

Faculty of Graduate Studies

Dept. of Human Anatomy & Cell Science

Université de Saint-Boniface (Education)

Respectfully submitted,

Dr. Louise Simard, Chair

Faculty of Graduate Studies Executive Committee

/ak

Comments of the Senate Executive Committee:

The Senate Executive Committee endorses the Report to Senate.

MEMO

REGISTRAR'S OFFICE

Room 400 UMSU University Centre

PH: 204 474 9425



**University
of Manitoba**

Date: October 3, 2019

Memo To: Senate

From: Neil Marnoch, Registrar

Re: **Proposed Academic Schedule for the 2020 Summer Term**

A committee established by Senate to review the Summer Term Academic Schedule commenced its work in March 2019. The committee anticipates that recommended changes approved by Senate will be implemented for the 2021 Summer Term. The proposed 2020 Summer Term Academic Schedule has been updated based on established scheduling practices.

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

Encl.



2.1 Summer Term 2020 Dates

2.1.1 Start and End Dates

Distance and online courses:

Winter/Summer spanned courses	Jan. 6 to July 2, 2020*
Summer Term courses	May 4 to July 31, 2020
May Day	May 4 to 27, 2020
May-June Day	May 4 to June 23, 2020
May-June Expanded	May 4 to June 23, 2020
May-June Evening	May 4 to June 18, 2020
May-August Evening 6 cr	May 4 to Aug. 6, 2020
May-August Evening 3 cr	May 4 to Aug. 6, 2020
June Day	June 1 to 23, 2020
June-August Evening	June 22 to Aug. 6, 2020
July Day	July 6 to 28, 2020
July-August Day	July 6 to Aug. 26, 2020
July-August Expanded	July 6 to Aug. 26, 2020
August Day	Aug. 4 to 26, 2020

*Previously approved

2.1.2 Registration and Withdrawal Dates

Regular Registration Period

Registration start dates are to be determined by the Registrar's Office.

Distance and online courses

Winter/Summer spanned courses	ends January 5, 2020*
Summer Term courses	Ends May 3, 2020
May Day	Ends May 3, 2020
May-June Day	Ends May 3, 2020
May-June Expanded	Ends May 3, 2020
May-June Evening	Ends May 3, 2020
May-August Evening 6 cr	Ends May 3, 2020
May-August Evening 3 cr	Ends May 3, 2020
June Day	Ends May 31, 2020
June-August Evening	Ends June 21, 2020
July Day	Ends July 5, 2020

July-August Day	Ends July 5, 2020
July-August Expanded	Ends July 5, 2020
August Day	Ends Aug. 3, 2020

*Previously approved

Limited Access for a term Expiry Date

Limited Access expires after all students have had a first opportunity to register for a course. The Limited Access Term Expiry date for Summer Term courses will be Tuesday, March 31, 2020.

Late Registration/Registration Revision Period

Students may use this period of time to make changes to their selected courses or class schedule.

Distance and online courses

Winter/Summer spanned courses	Jan. 6 to 20, 2020*
Summer Term courses	May 4 to 15, 2020
May Day	May 4 to 6, 2020
May-June Day	May 4 to 6, 2020
May-June Expanded	May 4 to 8, 2020
May-June Evening	May 4 to 8, 2020
May-August Evening 6 cr	May 4 to 8, 2020
May-August Evening 3 cr	May 4 to 15, 2020
June Day	June 1 to 3, 2020
June-August Evening	June 22 to 26, 2020
July Day	July 6 to 8, 2020
July-August Day	July 6 to 8, 2020
July-August Expanded	July 6 to 10, 2020
August Day	Aug. 4 to 6, 2020

*Previously approved

Last Date to Drop without Penalty

Last date to drop and have course excluded from transcripts; VWs will be recorded on transcripts for courses dropped after this date. There will be no refunds for courses dropped after this date.

Distance and online courses

Winter/Summer spanned courses	Jan. 17, 2020*
Summer Term courses	May 15, 2020
May Day	May 6, 2020
May-June Day	May 6, 2020
May-June Expanded	May 8, 2020
May-June Evening	May 8, 2020
May-August Evening 6 cr	May 8, 2020
May-August Evening 3 cr	May 15, 2020

June Day	June 3, 2020
June-August Evening	June 26, 2020
July Day	July 8, 2020
July-August Day	July 8, 2020
July-August Expanded	July 10, 2020
August Day	August 6, 2020

*Previously approved

Voluntary Withdrawal (VW) deadline

Last date to withdraw and not receive a final grade; students cannot withdraw from courses after this date.

Distance and online courses

Winter/Summer spanned courses	May 6, 2020*
Summer Term courses	July 10, 2020
May Day	May 21, 2020
May-June Day	June 11, 2020
May-June Expanded	June 11, 2020
May-June Evening	June 9, 2020
May-August Evening 6 cr	July 14, 2020
May-August Evening 3 cr	July 14, 2020
June Day	June 17, 2020
June-August Evening	July 28, 2020
July Day	July 23, 2020
July-August Day	Aug. 14, 2020
July-August Expanded	Aug. 14, 2020
August Day	Aug. 20, 2020

*Previously approved

2.1.3 Fee Deadlines

Fee payment deadlines

A financial penalty will be assessed on accounts with an outstanding balance after this date.

(determined by Financial Services)

2.1.4 Examination and Test Dates

Students are reminded that they must remain available until all examination and test obligations have been fulfilled.

Distance and online courses

Winter/Summer spanned courses	June 30 to July 4, 2020
Summer Term courses	Aug. 4 to 11, 2020
May Day	May 29 & 30, 2020
May-June Day	June 25 & 26, 2020
May-June Expanded	June 25 & 26, 2020
May-June Evening	June 19 & 20, 2020
May-August Evening 6 cr	Aug. 7 & 8, 2020
May-August Evening 3 cr	Aug. 7 & 8, 2020
June Day	June 25 & 26, 2020
June-August Evening	Aug. 7 & 8, 2020
July Day	July 31 & Aug.1, 2020
July-August Day	Aug. 28 & 29, 2020
July-August Expanded	Aug. 28 & 29, 2020
August Day	Aug. 28 & 29, 2020

2.1.5 Other Summer Term Start and End Dates

Business Administration (M.B.A.)	May 1 to Aug. 30, 2020
Dentistry	
IDDP Program, Year 1	May 4 to June 26, 2020
Medicine	
Year 3	June 1 to Aug. 28, 2020
Year 3 Summer Break	August 3 to 14, 2020
B.Sc. (Med.) Year 1	June 1 to Aug.21, 2020
B.Sc.(Med.) Year 2	May 25 to Aug.14, 2020 (subject to change)
Nursing	
Year 4 NURS 4580 Senior Practicum	May 6 to July 24, 2020
Occupational Therapy	<i>flexible start and end dates between</i>
Year 2 Advanced Fieldwork	June 22 to September 11, 2020
Pharmacy	
SPEP3	April 6 – May 1, 2020

REPORT OF THE SENATE COMMITTEE ON AWARDS

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 revised offers of awards that comply with the Student Awards Policy.

Observations

At its meeting of August 22, 2019, the Senate Committee on Awards approved 8 new offers, 11 revised offers and the withdrawal of 2 awards, as set out in Appendix A of the *Report of the Senate Committee on Awards (August 22, 2019)*.

Recommendations

On behalf of Senate, the Senate Committee on Awards recommends that the Board of Governors approve 8 new offers, 11 revised offers and the withdrawal of 2 award, as set out in Appendix A (August 22, 2019). These award decisions comply with the Student Awards Policy.

Respectfully submitted,

Dr Jared Carlberg

Chair, Senate Committee on Awards

SENATE COMMITTEE ON AWARDS

August 22, 2019

1. NEW OFFERS

Badner Family Bursary

Allan Badner (B.Sc. [C.E.]/1954) and his family established a fund at the Jewish Foundation of Manitoba to support bursaries for undergraduate students who are pursuing studies in the Civil Engineering Program in the Faculty of Engineering at the University of Manitoba. Each year, beginning in 2019-2020, two bursaries valued at \$5,000 each will be offered to undergraduate students who:

- (1) are enrolled full-time (minimum 60% course load) in the third year of study in the Civil Engineering Program in the Faculty of Engineering;
- (2) have achieved a minimum degree grade point average of 2.0; and
- (3) have demonstrated financial need on the standard University of Manitoba bursary application form.

The bursaries are renewable for one year, provided the student continues to be enrolled full-time (minimum 60% course load), and continues to meet criteria (2) and (3). Only two students can hold this award in any given year.

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

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, 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.

Dayna and Charlie Spiring Leadership Scholarship

Dayna Spiring (B.A. /98, LL.B. /01) and Charles Spiring (B.Comm. [Hons.]/80) generously contributed \$75,000 to the University of Manitoba in 2017 to create an annual scholarship for a five-year term. The purpose of the scholarship is to recognize the academic achievement of students entering the President's Student Leadership Program offered through the Institute for Leadership Development in the Asper School of Business at the University of Manitoba. Each year, beginning in 2019-2020 and ending in 2023-2024, three awards of \$5,000 each will be offered to undergraduate students who:

- (1) have been admitted to the President's Student Leadership program offered through the Institute for Leadership Development;
- (2) are enrolled full-time (minimum 80% course load) in any year of study in the Bachelor of Commerce (Honours) program in the Asper School of Business;
- (3) have completed at least 24 credit hours of study;
- (4) have achieved a minimum degree grade point average of 3.5; and
- (5) of those who have met the above criteria, have been ranked as the top three students admitted to the President's Student Leadership Program, as ranked by the President's Student Leadership Program admissions committee.

The Dean of the Asper School of Business (or designate) will name the selection committee for this award which will include the Director of the Institute for Leadership Development (or designate).

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, 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.

Dr. Vincent Taraska Bursary in Medicine

Dr. Vincent Taraska established an endowment fund at the University of Manitoba with an initial gift of \$75,000 in 2019. The purpose of the fund is to support students in the Undergraduate Medical Education program in the Max Rady College of Medicine. Each year, beginning in 2021-2022, the available annual income from the fund, rounded down to the nearest \$100 increment, will be used to offer one bursary to an undergraduate student who:

- (1) is enrolled full-time in any year of study in the Undergraduate Medical Education program in the Max Rady College of Medicine at the University of Manitoba;
- (2) is in good standing; and
- (3) has demonstrated financial need on the standard University of Manitoba bursary application form.

The Dean of the Max Rady College of Medicine (or designate) will name the selection committee for this award.

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, 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.

Education Leadership Scholarship

The Education Student Association and the Faculty of Education co-established an endowment fund at the University of Manitoba with an initial gift of \$25,000 in 2019. The purpose of the fund is to reward the academic achievements of students who demonstrate leadership in education. Each year, beginning in 2021-2022, the available annual income from the fund will be used to offer one or more scholarships to undergraduate students who:

- (1) are enrolled part-time or full-time in the second year of study in any Bachelor of Education program offered by the Faculty of Education at the University of Manitoba;
- (2) have achieved a minimum degree grade point average of 3.0;
- (3) participate actively in school and community activities; and
- (4) demonstrate potential as an educational leader.

Candidates are required to submit their current *curriculum vitae* and two letters of reference which clearly outline how the student meets criteria (3) and (4).

The selection committee will have the discretion to determine the number and value of the scholarships based on the available annual income from the fund.

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

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, 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.

Joseph Sorokowski Bursary

In honour of her grandfather, Joseph Sorokowski, Dr. Selena Papetti (MD/2010) established an annually funded bursary at the University of Manitoba. The purpose of the bursary is to provide a renewable and reliable source of funding to a medical student with financial need. Dr. Papetti will be funding the bursary for a three-year term and will have the option to renew the commitment at the end of the term. Each year, beginning in 2019-2020 and ending in 2021-2022, one bursary valued at \$2,500 will be offered to an undergraduate student who:

- (1) is enrolled full-time in the second year of study in the Undergraduate Medical Education program;
- (2) is in good standing;
- (3) has identified via the Undergraduate Medical Education program's admissions process as being from a disadvantaged socioeconomic background;
- (4) is a custodial parent; and
- (5) has demonstrated financial need on the standard University of Manitoba bursary application form.

In the event there are no eligible students who meet all of the above criteria, the bursary will be offered to a student who meets criteria (1) through (3) and (5).

The bursary is renewable in the third and fourth years of study if the student continues to be enrolled full-time in the Undergraduate Medical Education program and continues to meet criteria (2), (3) and (5) outlined above. In years where a renewal is made, no new award will be offered. If the student does not meet the renewal criteria, a student from the same year the renewal is to be made will be chosen. (If the student does not meet the renewal criteria in year 3, another 3rd year student will be chosen and they can renew the award for their 4th year if they continue to meet the criteria outlined above. If the student does not meet the renewal criteria in year 4, another 4th year student will be chosen.)

The Dean of the Max Rady College of Medicine (or designate) will name the selection committee for this award.

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, the Board of Governors of the University of Manitoba has the right to modify the terms of reference 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.

Trevor Anderson Fellowship

In honour of Trevor Anderson, his friends and classmates established an endowment fund at the University of Manitoba with an initial gift of nearly \$10,000 in 2015. The purpose of the fund is to provide a fellowship to reward the academic achievements of graduate students pursuing studies in the Faculty of Law. Each year, beginning in 2018-2019, the available annual income from the fund will be used to offer one fellowship to a graduate student who:

- (1) has completed an undergraduate degree in the Faculty of Law at the University of Manitoba;
- (2) is enrolled full-time in the Faculty of Graduate Studies in the LL.M. program delivered by the Faculty of Law;
- (3) has achieved a minimum grade point average of 3.25 based on the last 60 credit hours (or equivalent) of study; and
- (4) shows great promise as a researcher and scholar.

Candidates will be assessed on grade point average and their application for admission to the LL.M. program.

In the event that there are no eligible candidates who meet all of the criteria, the award will be offered to a student who meets criteria (2) through (4).

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Dean of the Faculty of Law (or designate) to name the selection committee for this award.

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, 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.

The Towie Scholarship

Through the generosity of an anonymous donor, an endowment fund was established at the University of Manitoba in 2017 to enable young Indigenous Canadians to fulfill their dreams and inspire others within their communities. Each year, beginning in 2019-2020, two awards of \$20,000 each will be offered to undergraduate students who:

- (1) have self-declared as First Nations, Métis or Inuit people from Canada;
- (2) have successfully completed their first year (minimum 24 credit hours) of an undergraduate degree program in any faculty, college, or school at the University of Manitoba;
- (3) have achieved a minimum degree grade point average of 3.5; and
- (4) in the ensuing academic year, are registered full-time (minimum 80% course load) in the second year of their undergraduate degree program in any faculty, college, or school at the University of Manitoba.

In order to be considered for this award, applicants must submit:

- (a) an unofficial transcript;
- (b) a statement, maximum 500 words, answering the following:
 - i. Tell us about yourself and your community, and why you are pursuing post-secondary education.
 - ii. What is your intended field of study?
 - iii. What are your plans after university, once completed?
 - iv. How do you currently give back to the community? If you are limited in your ability to volunteer at this time, please explain why.
 - v. How would receiving this award impact you and your community?

The award is renewable for up to three years of undergraduate study provided that the recipient:

- (a) continues to be enrolled full-time (minimum 80% course load) in any degree program in any faculty, college, or school at the University of Manitoba; and
- (b) continues to achieve a minimum degree grade point average of 3.5.

This award will only be offered to two students per academic year. If a student is not eligible for the renewal of this award, an alternate student who meets criteria (1) through (5) may be selected.

The Director of Financial Aid & Awards will ask the Indigenous Student Awards Committee to convene the selection committee for this award, which will include the donor (or designate).

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, 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.

Ukrainian National Home Association Scholarship

The Ukrainian National Home Association was a secular organization designed to support the cultural and educational needs of Ukrainian Canadians, regardless of their religious or political beliefs. In 2011, the membership of the Association decided to bring its operations to a conclusion, and in doing so established awards at the University of Manitoba. With an initial gift of over \$27,000, an endowment fund was established at the University of Manitoba to recognize and encourage students whose studies focus on Ukrainian Canadian or Ukrainian Studies. Each year, beginning in 2019-2020, the available annual income from the fund will be used to offer one scholarship to a student who:

- (1) is enrolled either:
 - (a) as a full-time graduate student, in any Master's or doctoral program offered through the Faculty of Graduate Studies at the University of Manitoba; or
 - (b) as a full-time (minimum 80% course load) undergraduate student in the second year of study or higher in any faculty, college, or school at the University of Manitoba;
- (2) has achieved either:
 - (a) as a graduate student, a minimum grade point average of 3.5 based on the last 60 credit hours (or equivalent) of study; or
 - (b) as an undergraduate student, a minimum degree grade point average of 3.0; and
- (3) is writing a thesis or conducting a research project in an area of Ukrainian Canadian or Ukrainian Studies.

Preference will be given, in the following order, to students conducting research related to:

- i. the Ukrainian National Home movement in Winnipeg or in Western Canada;
- ii. other Ukrainian organizations with a particular emphasis on Canada and/or Ukraine; and
- iii. a topic in any discipline, the primary focus of which is either Ukrainian Canadian or Ukrainian Studies.

To demonstrate how they have met criterion (3), applicants will be required to submit a concise statement (maximum 500 words) describing how their thesis or research project is related to Ukrainian Canadian or Ukrainian Studies.

The award is not automatically renewable, but previous recipients may apply.

In the event that there are no eligible candidates, the unspent revenue will be re-capitalized into the fund.

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) and Director of Financial Aid and Awards (or designate) will ask the Head of the Department of German and Slavic Studies (or designate) to name the selection committee for this award. The committee may include any of the following individuals: the University Archivist (or designate), the Slavic Librarian/Archivist (or designate), a faculty member or sessional instructor from the Department of German and Slavic Studies who teaches Ukrainian language and/or literature, and a faculty member or sessional instructor who teaches a course or courses with a focus on Ukrainian Canadian or Ukrainian Studies (or their designates). Any student named to receive the award under (1)(a) will be reported through the Faculty of Graduate Studies.

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, 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.

2. AMENDMENTS

College of Nursing Bursary (BN Year 3)

The followings amendments were made to the terms of reference for the **College of Nursing Bursary (BN Year 3)**:

- The preamble was revised to:
The College of Nursing established annually-funded bursaries at the University of Manitoba. The bursaries will provide financial support to nursing students in the College of Nursing. Each year, two bursaries valued at \$1,000 each will be available to undergraduate students who:

College of Nursing Bursary (BN Year 4)

The followings amendments were made to the terms of reference for the **College of Nursing Bursary (BN Year 4)**:

- The preamble was revised to:
The College of Nursing established annually-funded bursaries at the University of Manitoba. The bursaries will provide financial support to nursing students in the College of Nursing. Each year, two bursaries valued at \$1,000 each will be available to undergraduate students who:

College of Nursing Bursary (Indigenous Year 3)

The followings amendments were made to the terms of reference for the **College of Nursing Bursary (Indigenous Year 3)**:

- The preamble was revised to:
The College of Nursing has established annually-funded bursaries at the University of Manitoba. The bursaries will provide financial support to Indigenous nursing students in the College of Nursing. Each year, two bursaries valued at \$1,000 will be available to undergraduate students who:
- The numbered criteria were revised to:
(1) have self-declared as a First Nations, Métis, or Inuit person from Canada;

- (2) *are enrolled full-time (minimum 60% course load) in the third year of the Bachelor of Nursing Program in the College of Nursing at the University of Manitoba;*
- (3) *have achieved a minimum degree grade point average of 2.5; and*
- (4) *have demonstrated financial need on the standard University of Manitoba bursary application form.*

College of Nursing Bursary (Indigenous Year 4)

The followings amendments were made to the terms of reference for the **College of Nursing Bursary (Indigenous Year 4)**:

- The preamble was revised to:
The College of Nursing has established annually-funded bursaries at the University of Manitoba. The bursaries will provide financial support to Indigenous nursing students in the College of Nursing. Each year, two bursaries valued at \$1,000 each will be available to undergraduate students who:
- The criterion number (3) were revised to:
(3) have self-declared as First Nations, Métis, or Inuit person from Canada; and

D. George Morell Memorial Scholarship

The following amendments were made to the terms of reference for the D. George Morell Memorial Scholarship:

- The preamble was revised to:
Anne Morell, their children, Sarah and Jason Morell, and Mr. Morell's parents, George W. and M. Ethel Morell, have established an endowment fund in memory of George Morell at the University of Manitoba in 2001. The Manitoba Scholarship and Bursary Initiative has also made a contribution to the fund. The purpose of the award is to recognize student excellence in the study of Hellenic Civilization. Each year, the available annual income will be used to offer one or more scholarships to undergraduate students who:
- The numbered criteria were revised to:
 - (1) *are enrolled, full-time or part-time, in the second year of study or higher in the Faculty of Arts at the University of Manitoba;*
 - (2) *have achieved a minimum degree grade point average of 3.0;*
 - (3) *have completed at least two courses in any aspect of the study of Hellenic Civilization (language, literature, history, philosophy, art, mythology, religion, or archaeology) with a minimum grade of C in each course;*
 - (4) *continue study in this area in the year in which the scholarship is tenable by enrolling in at least two courses on Hellenic Civilization.*
- The preference statement was revised to:
Preference will be given to students whose courses include the ancient Greek language at any undergraduate level.
- The following statement was added:
The selection committee will have the discretion to determine the number and value of awards offered each year based on the available funds.
- The selection committee paragraph was revised to:
The selection committee will be named by the Head of the Department of Classics (or designate).
- The standard Board of Governors statement was added.

Dallas Taylor Memorial Prize

The following amendments were made to the terms of reference for the **Dallas Taylor Memorial Prize**:

- The preamble was revised to:
Through the generosity of friends of the late Miss Dallas Taylor, a fund was established at the University of Manitoba in 1966 to create the Dallas Taylor Memorial Prize. The purpose of this prize is to reward distinguished achievement in a Creative Writing course. Each year, the available annual income from the fund will be used to offer one prize to an undergraduate student who:
- The numbered criteria were revised to:
 - (1) *was enrolled full-time (minimum 80% course load) in the second year of study or higher in any faculty, college, or school at the University of Manitoba in the year in which the award was tenable;*
 - (2) *has achieved a minimum grade point average of 3.5; and*
 - (3) *has achieved the highest average in a course in Creative Writing offered by Department of English, Theatre, Film & Media in the Faculty of Arts at the University of Manitoba.*
- The following tie-breaking paragraph was added:
Ties are to be broken using the following criteria, in priority order: (i) the Degree Grade Point Average, calculated to the fourth decimal place; (ii) the higher proportion of A+ and A grades in a total program; (iii) the highest number of credit hours completed in the degree program; (iv) the greater proportion of senior- or advanced-level courses in the total program.
- The selection committee paragraph was revised to:
The Head of the Department of English, Theatre, Film & Media (or designate) will name the selection committee for this award.
- The standard Board of Governors statement was added.

Douglas R. Grimes Fellowship

The followings amendments were made to the terms of reference for the **Douglas R. Grimes Fellowship**:

- The preamble was revised to:
Colleagues, family and friends have established a fund at the University of Manitoba in honour of the late Douglas R. Grimes, P. Eng., former President of Wardrop Engineering Inc. The purpose of the fund is to provide financial support to students in the graduate program in Civil Engineering at the University of Manitoba who are specializing in the field of Structural Engineering. Each year, the available annual income from the fund will be used to offer two fellowships of equal value to graduate students who:
- The numbered criteria were revised to:
 - (1) *are enrolled full-time in the Faculty of Graduate Studies in the Master's or doctoral Civil Engineering program, and are specializing in Structural Engineering;*
 - (2) *have achieved a minimum grade point average of 3.5 based on the last 60 credit hours (or equivalent) of study; and*
 - (3) *have demonstrated leadership skills and involvement in the community.*
- The second paragraph was revised to:
Applicants will be asked to submit a curriculum vitae, a current transcript, and a one- to two-page letter outlining their leadership skills and community involvement.
- The third paragraph was revised to:

If only one eligible candidate is found in a given year, one fellowship in the value of the total available annual interest will be awarded. In the event that no suitable applicants are found in a given year, no award will be made in that year, and the interest will be re-capitalized.

- The selection committee paragraph was revised to:
The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Head of the Department of Civil Engineering (or designate) to name the selection committee for this award. The selection committee will be chaired by the Head of the Department of Civil Engineering (or designate), and will also include a representative of the Grimes family, the Registrar of the Association of Professional Engineers and Geoscientists of Manitoba (or designate), and a Professor of Structural Engineering.
- The standard Board of Governors statement was updated.

Emil and Lynette Hain Graduate Scholarship for Engineering

The followings amendments were made to the terms of reference for the **Emil and Lynette Hain Graduate Scholarship for Engineering**:

- The preamble was revised to:
Mr. Emil Hain (B.Sc.(C.E.)/59) and Mrs. Lynette Hain established an endowment fund at the University of Manitoba with an initial gift of \$25,000 in 2011. The purpose of the fund is to provide scholarship support for Engineering graduate students. Each year, the available annual income from the fund will be used to offer up to two scholarships to graduate students who:
- The numbered criteria were revised to:
 - (1) are enrolled full-time in the Faculty of Graduate Studies, in any Master's or Doctoral program delivered by a Department in the Faculty of Engineering;*
 - (2) have achieved a minimum grade point average of 3.5 based on the last 60 credit hours (or equivalent) of study; and*
 - (3) have demonstrated exceptional research ability, as determined by the selection committee.*
- The following paragraph was added:
In years in which, in the opinion of the selection committee, there are two equally-qualified applicants, the available annual income from the fund will be divided to offer two scholarships of equal value. In years where, in the opinion of the selection committee, there is one outstanding applicant, the total available annual income will be used to offer one scholarship.
- The application paragraph was revised to:
Eligible students will apply for this scholarship on or before the designated deadline date of April 30. Applicants will be required to submit a letter of application (maximum 500 words) and one letter of reference from the faculty advisor in the College of Nursing.
- The selection committee paragraph was revised to:
The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Chair of the Scholarships, Bursaries, and Awards Committee of the Faculty of Engineering to name the selection committee for this award.
- The standard Board of Governors statement was updated.

Helen S. Maroy Scholarship

The following amendments were made to the terms of reference for the **Helen S. Maroy Scholarship**:

- The preamble was revised to:

Helen S. Maroy (B.H.Ec./42) bequeathed \$10,000 to the University of Manitoba in 2007 to establish a scholarship for undergraduate students in the Faculty of Human Ecology. In 2018, the Faculty of Human Ecology was discontinued and the Helen S. Maroy Scholarship was transitioned to the Faculty of Education. The purpose of this award is to acknowledge the academic achievement of undergraduate students in the Faculty of Education focusing on Early Years Education. Each year, the available annual income will be used to offer one scholarship to an undergraduate student who:

- The numbered criteria were revised to:
 - (1) is enrolled full-time (minimum 80% course load) in the final year of study in the Bachelor of Education degree program in the Faculty of Education;*
 - (2) is enrolled in the program with a focus in Early Years Education;*
 - (3) has achieved a minimum degree grade point average of 3.5; and*
 - (4) has achieved the highest degree grade point average.*
- The following tie-breaking paragraph was added:

Ties are to be broken using the following criteria, in priority order: (i) the Degree Grade Point Average, calculated to the fourth decimal place; (ii) the higher proportion of A+ and A grades in a total program; (iii) the highest number of credit hours completed in the degree program; (iv) the greater proportion of senior- or advanced-level courses in the total program.
- The following selection committee paragraph was added:

The Dean of the Faculty of Education (or designate) will name the selection committee for this award.
- The standard Board of Governors statement was added.

Kenneth Main Family Bursary in Civil Engineering

The followings amendments were made to the terms of reference for the **Kenneth Main Family Bursary in Civil Engineering**:

- The preamble was revised to:

The family of Kenneth Main [B.Sc. (C.E.)/86] established an endowment fund at the University of Manitoba to honour his memory. The fund was established with an initial gift of \$25,000 in 2009 and additional gifts of \$25,000 in both 2014 and 2017. The Manitoba Scholarship and Bursary Initiative made contributions to the fund. Each year, beginning in 2016-2017, the available annual income from the fund will be used to offer four bursaries of equal value to undergraduate students who:
- The numbered criteria were revised to:
 - (1) are Canadian Citizens or Permanent Residents;*
 - (2) are enrolled full-time (minimum 60% course load) in the Civil Engineering degree program in the Faculty of Engineering;*
 - (3) have completed at least 24 credit hours of study at the University of Manitoba;*
 - (4) have achieved a minimum degree grade point average of 2.5; and*
 - (5) have demonstrated financial need on the standard University of Manitoba bursary application form.*
- The standard Board of Governors statement was updated.

University of Manitoba Faculty Association Bursaries

The following amendments were made to the terms of reference for the **University of Manitoba Faculty Association Bursaries**:

- The preamble was revised to:
The University of Manitoba Faculty Association (UMFA) created an annually-funded bursary in 1984 to support undergraduate students pursuing studies at the University of Manitoba. Each year, three awards valued at \$1,800 each will be awarded to undergraduate students who:
- The numbered criteria were revised to:
 - (1) are enrolled full-time (minimum 60% course load) in the second or subsequent year of study in any faculty, college or school at the University of Manitoba;*
 - (2) have achieved a minimum degree grade point average of 2.0; and*
 - (3) have demonstrated financial need on the standard University of Manitoba bursary application form.*
- The selection committee paragraph was revised to:
The Director of Financial Aid and Awards (or designate) will name the selection committee for this bursary.
- The standard Board of Governors statement was added.

3. WITHDRAWALS

Leadership Entrance Award

The award is being withdrawn at the request of the donor.

Tamara Kucey Memorial Scholarship

The award is being withdrawn at the request of the donor.

REPORT OF THE SENATE COMMITTEE ON AWARDS

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 revised offers of awards that comply with the Student Awards Policy.

Observations

At its meeting of September 24, 2019, the Senate Committee on Awards approved 6 new offers, 2 revised offers and the withdrawal of 6 awards, as set out in Appendix A of the *Report of the Senate Committee on Awards (September 24, 2019)*.

Recommendations

On behalf of Senate, the Senate Committee on Awards recommends that the Board of Governors approve 6 new offers, 2 revised offers and the withdrawal of 6 award, as set out in Appendix A (September 24, 2019). These award decisions comply with the Student Awards Policy.

Respectfully submitted,

Dr Jared Carlberg

Chair, Senate Committee on Awards

SENATE COMMITTEE ON AWARDS

September 24, 2019

1. NEW OFFERS

Barry France Memorial Scholarship in Materials Science in Mechanical Engineering

Dr. Robert L. France, B.Sc.(Hons.)/1979, M.Sc./1983, established an endowment fund at the University of Manitoba in memory of his father, Barry France, with an initial gift of \$40,000 in 2018. The purpose of the fund is to reward the academic achievements of undergraduate students pursuing studies in mechanical engineering in the Faculty of Engineering. Beginning in 2020-2021, the available annual interest from the fund will be used to offer one scholarship to an undergraduate student who:

- (1) is enrolled full-time (minimum 80% course load) in any year of study in the Mechanical Engineering degree program in the Faculty of Engineering;
- (2) has achieved a minimum degree grade point average of 3.5; and
- (3) has achieved the highest standing in the course Engineering Materials (currently numbered MECH 2272).

Ties are to be broken using the following criteria, in priority order: (i) the Degree Grade Point Average, calculated to the fourth decimal place; (ii) the higher proportion of A+ and A grades in a total program; (iii) the highest number of credit hours completed in the degree program; (iv) the greater proportion of senior- or advanced-level courses in the total program.

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

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, 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.

CIBC Bison Golf Athletic Scholarship

CIBC established an annually-funded athletic scholarship for a three-year term to recognize students in the Bison Golf program at the University of Manitoba. Each year, beginning in 2019-2020 and ending in 2021-2022, a maximum of \$5,000 will be used to offer a minimum of two scholarships to undergraduate students who:

- (1) are eligible to compete in U Sports and are members of the Men's or Women's Bison Golf program;
- (2) are enrolled full-time, as defined by U Sports, in any faculty, college, or school at the University of Manitoba; and
- (3) have achieved either:
 - a. as an entering student, a minimum average of 80% on those high school courses used for admission to the University; or
 - b. as a continuing student, a minimum degree grade point average of 2.0.

The selection committee will have the discretion to determine the number and value of awards offered each year based on the number of eligible candidates.

The Director of Athletics and Recreation (or designate) will name the selection committee for this award, which will include the Coach of Bison Golf (or designate).

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, 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.

The terms of this award will be reviewed annually against the U Sports criteria governing “Athletic Financial Awards Policy” (also referred to as “Athletics Scholarships Policy”), currently numbered C50.10 in the U Sports Operations Manual.

Douglas and Elizabeth MacEwan Bursary in Medicine

Douglas and Elizabeth MacEwan established an endowment fund with an initial pledge of \$200,000 in 2013 to offer the Douglas and Elizabeth MacEwan Student Resident Award. In 2019 the fund was expanded to support the Douglas and Elizabeth MacEwan Bursary in Medicine. The purpose of this award is to provide financial support to students in Medicine from rural Manitoba. Each year, beginning in 2020-2021, the available annual income, minus \$20,000 (allocated to the Douglas and Elizabeth MacEwan Student Resident Award), will be used to offer one or more bursaries to undergraduate students who are enrolled full-time in any year of study in the Undergraduate Medical Education program in the Max Rady College of Medicine at the University of Manitoba;

- (1) are in good standing;
- (2) have graduated from a rural Manitoba high school and have declared rural status in the supplementary application to the Max Rady College of Medicine; and
- (3) have demonstrated financial need on the standard University of Manitoba bursary application form.

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

The Dean of the Max Rady College of Medicine (or designate) will name the selection committee for this award.

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, 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.

Dr. Moe Lerner Memorial Bursary

Through a bequest, Edythe Muirhead Cummings has generously established an endowment fund at the University of Manitoba with a gift of \$150,000 in 2019. The purpose of the fund is to support undergraduate medical education students in the Max Rady College of Medicine at the University of Manitoba. Each year, beginning in 2020-2021, the available annual income from the fund will be used to offer one or more bursaries with a minimum value of \$3,500 each to undergraduate students who:

- (1) are enrolled full-time in the second or third year of the Undergraduate Medical Education program in the Max Rady College of Medicine at the University of Manitoba;

- (2) are in good standing; and
- (3) have demonstrated financial need on the standard University of Manitoba bursary application form.

The Dean of the Max Rady College of Medicine (or designate) will name the selection committee for this award.

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, 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.

Martha Donovan History Scholarship

A scholarship fund was created through The Winnipeg Foundation to encourage and support graduate students who are conducting historical research in the areas of medicine and health. This is broadly defined to include physical, mental and social well-being, as well as preventing disease and prolonging life through the efforts of public institutions, community organizations or private individuals. Each year, beginning in 2019-2020, one scholarship valued at \$7,500 will be offered to a graduate student who:

- (1) is enrolled full-time in the second year of study in the Faculty of Graduate Studies in the Joint Master's Program in the Department of History at the University of Manitoba;
- (2) has achieved a minimum grade point average of 3.0 based on the last 60 credit hours (or equivalent) of study; and
- (3) has demonstrated outstanding interest in or commitment to research in the history of medicine or public health.

Applicants will be required to submit: (i) a description of the proposed research and a statement of its relevance to history in medicine or public health (broadly defined to include physical, mental and social well-being, as well as preventing disease and prolonging life through the efforts of public institutions, community organizations or private individuals), (ii) information on their educational background and research experience, and (iii) a copy of their transcript.

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Joint Discipline Committee in the Department of History to name the selection committee for this award.

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. Any future modifications that may be necessary due to changed conditions will require complete consultation with the Winnipeg Foundation.

Price Graduate Scholarships for Women in Engineering

The Price Family Foundation will make an annual contribution of \$120,000 per year to the University of Manitoba for a five-year term to offer the Price Graduate Scholarships for Women in Engineering. When funds are available, the Manitoba Scholarship and Bursary Initiative may make a contribution to the award. The purpose of the scholarships is to reward the academic achievements of students who identify as female and who are pursuing graduate studies in engineering. Each year, beginning in 2019-2020, and ending in 2023-2024, ten scholarships valued at \$12,000 each will be offered to graduate students who:

- (1) identify as female;

- (2) are enrolled full-time in the Faculty of Graduate Studies in either:
 - (a) the first two years of an M.Sc. program in Biomedical Engineering, Biosystems Engineering, Civil Engineering, Electrical and Computer Engineering, or Mechanical Engineering; or
 - (b) the first four years of a PhD program in Biomedical Engineering, Biosystems Engineering, Civil Engineering, Electrical and Computer Engineering, or Mechanical Engineering;
- (3) have achieved a minimum degree grade point average of 3.5 based on the last 60 credit hours (or equivalent) of study; and
- (4) are nominated by their department head or program director.

The department head or program director will be required to submit a nomination letter (maximum 500 words) explaining why they recommend the student for this scholarship.

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Faculty of Engineering Graduate Awards Committee to serve as the selection committee for this award.

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, 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.

(Attachment I)

2. AMENDMENTS

Aron Katz Memorial Bursary

The following amendments were made to the terms of reference for the **Aron Katz Memorial Bursary**:

- The preamble was revised to:

In memorial tribute to Aron Katz, a student in the Max Rady College of Medicine until his untimely death, his family and friends have established an endowment fund at the University of Manitoba. The Manitoba Scholarship and Bursary Initiative has made a contribution to this fund. Each year, the available annual income from the fund, rounded down to the nearest \$500 increment, will be used to offer one bursary to an undergraduate student who:
- The numbered criteria was revised to:
 - (1) *is enrolled full-time in their first year of study in the Undergraduate Medical Education (UGME) program in the Max Rady College of Medicine; and*
 - (2) *has demonstrated financial need on the standard University of Manitoba bursary application form.*
- The selection committee paragraph was revised to:

The Dean of the Max Rady College of Medicine (or designate) will name the selection committee for this award.
- The standard Board of Governor statement for was added.

Dr. Donalda Margaret Huggins Scholarship in Anesthesia

The following amendments were made to the terms of reference for the **Dr. Donalda Margaret Huggins Scholarship in Anesthesia**:

- The numbered criteria was revised to:
 - (1) *is enrolled part-time or full-time in the Postgraduate Medical Education Program in one of the following areas:*
 - (a) *an established M.Sc., Ph.D., or similar program of Basic Science relevant to the practice of anesthesiology; or*
 - (b) *an M.Sc. or Ph.D., or similar program in clinical epidemiology, biostatistics, or population health relevant to the practice of anesthesiology; or*
 - (c) *an M.Ed. or Ph.D. Ed., or a similar program relevant to medical education, specifically as it affects teaching of anesthesiology; or*
 - (d) *advanced clinical, research or educational training relevant to the practice of anesthesiology; and*
 - (2) *has completed Doctor of Medicine training or has been in practice as a clinical Anesthesiologist for a period of less than five years in the Winnipeg Regional Health Authority Anesthesia Program; and*
 - (3) *has demonstrated excellence in the discipline and wishes to continue in it.*
- The name of the Department of Anesthesia was updated to the Department of Anesthesiology, Perioperative and Pain Medicine, Max Rady College of Medicine, Rady Faculty of Health Sciences, University of Manitoba.
- The application process was revised to:

Interested individuals will be required to submit an application to the Associate Dean of Research, Max Rady College of Medicine, University of Manitoba. Applicants are required to submit:

 - (i) *a curriculum vitae;*
 - (ii) *three professional letters of reference;*
 - (iii) *a Fellowship description (maximum 500 words);*
 - (iv) *a letter from the identified mentor or Fellowship director (where applicable) outlining the resources available to the trainee and how the mentor will facilitate the research or an outline of proposed studies/Fellowship training with educational objectives; and*
 - (v) *and a letter of support from the department head outlining the departmental resources and facilities available to the trainee, including anticipated contributions to the Department following completion of studies and or Fellowship training.*
- The selection committee paragraph was revised to:

The Dean of the Max Rady College of Medicine (or designate) will ask the Head of the Department of Anesthesiology, Perioperative and Pain Medicine (or designate) to name the selection committee for this award.
- The standard Board of Governor statement for was added.

3. WITHDRAWALS

Anthony J. Besarabowicz Award

At the request of the donor

Inventio Scholarhsip

At the request of the donor

Marguerite Clara Germaine Jerome Scholarship in Religion

At the request of the donor

Men's Volleyball Alumni Scholarship

At the request of the donor

Pearson Education Canada Book Prizes

At the request of the donor

SAHPER Travelling Award

At the request of the donor



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11 September 2019

Dr. Jared Carlberg
Chair, Senate Committee on Awards
University of Manitoba
Winnipeg, MB R3T 2N2

Dear Dr. Carlberg:

RE: Price Graduate Scholarships for Women in Engineering

The Faculty of Engineering strongly supports the establishment of the Price Graduate Scholarships for Women in Engineering.

Increasing the gender balance within the Faculty of Engineering is written into the faculty's vision statement and continues to be a top priority for me.

Historically, women have faced barriers to pursue studies and careers in many areas of science, technology, engineering and math (STEM). These barriers have created historical disadvantages which have contributed to women being significantly underrepresented in STEM. While we are making progress, we have a long way to go to ensure gender equality in the Faculty of Engineering and the engineering profession.

Scholarships like the Price Graduate Scholarship for Women in Engineering address aspects of this historical disadvantage and encourage, inspire, and support women to pursue engineering at the graduate level.

Sincerely,

Jonathan Beddoes, Ph.D., P.Eng.
Professor and Dean

In Memoriam: Dr. Usha Mittoo

Asper School of Business alumna and celebrated professor, Dr. Usha Mittoo [MBA/81] passed away on September 14, 2019.

Usha received her Bachelor of Arts in Mathematics, Economics and English from Panjab University in India, where she later pursued her Masters in Mathematics. Usha also worked at the Government of India from 1974-79 before moving to Canada.

Usha received her MBA from the Asper School of Business in 1981, and her PhD in Finance from the University of British Columbia in 1988. Later in 1988, she joined the Asper School of Business and has since had a long-lasting positive impact on the faculty and the field of finance. She was a prolific researcher known worldwide for her influential work in the areas of international and corporate finance.

As the first female Associate Dean at the Asper School of Business (1996-98), Usha spearheaded the faculty's first AACSB accreditation. She received numerous awards and notations for her research, teaching and service, held the BMO Professorship in Finance from 2000 to 2012, and the Stu Clark Professorship in Financial Management from 2012 until her recent passing.

Usha made a difference to the lives of the thousands of students she taught at all levels, especially to her doctoral students who aspire to follow in her footsteps.

While we are all overwhelmed and saddened by Usha's passing, our sincere sympathies go to Usha's husband Rakesh, her children Shikha, and her grandson Ishan as they navigate through this difficult time.

In Memoriam: Deo Harry Poonwassie

Professor Emeritus, Department of Educational Administration, Foundations & Psychology, Faculty of Education

On September 8, 2019, the Faculty of Education and the University of Manitoba lost a dear friend and colleague, Dr. Deo Poonwassie. Deo grew up in a loving family and village community environment in Trinidad. He attended the Elementary and Secondary Canadian Mission Schools supported by the Presbyterian Church prior to admission to the University of the West Indies. After a brief stint teaching at his previous high school, Deo attended the University of Manitoba in 1965 on a Canadian Government Scholarship. With his B.A. and B.Ed. in hand, he taught at collegiates in both Virden and Winnipeg making many new friends along the way. On completion of his M.Ed. at the University of Manitoba, he continued his graduate education at OISE/University of Toronto.

After that, Brandon University came calling and Deo became a professor in the Indigenous Access Program. A few years later, Deo took a leave from BU to complete his Ph.D. at the University of Oregon in 1978 and with a completed Ph.D. in hand, he returned to BU. In 1979, he moved to the U of M as Director of the Access Program and Special Pre-Medical Program for First Nations students. These programs achieved National awards for their contribution to the development of First Nations education.

Deo's approach to exemplary scholarship, his work ethic, his tenacity and his ability to cooperate with other stakeholders resulted in the establishment of a Ph.D. program for Aboriginal scholars at U of M in 2007. Deo initially taught in the area of Teacher Education and later in Adult Education. He also served as Associate Dean in the Faculty of Continuing Education at U of M. He was a disciplined, effective teacher, professor and administrator.

Deo reviewed and published numerous articles and books and served on many National and International Organizations. He was an evaluator of a major Secondary Education Management Program (SEMP) in Trinidad and Tobago. He served as Assistant Director of the OCOD – CIDA Program in the Caribbean and Guyana. He was President of the Canadian International Education Society (CIESC) and was a Board Member of the Canadian Society for the Study of Education (CSSE). He was also a member of the Executive Board of the Canadian Commission for UNESCO from 1994 – 1999. For his service to the Community, the Nation and the wider world, Deo was awarded the Queen Elizabeth Diamond Jubilee Medal in 2012.

Deo was not only an academic scholar – par excellence – he was a humanist helping many needy causes, personally and financially. He was deeply involved with his extended family, his siblings in Trinidad and England as well as friends including his unofficial adopted family here in Manitoba. He loved his only son, Alex, very dearly. We will miss his humour, his presence and his enlightenment but will not forget his footprints on the sands of time.

In Memoriam – Dr. Lance Roberts

September 3, 1950 - September 14, 2019

In the early morning hours of September 14, Lance passed away peacefully, with family at his side, starting on his next great adventure.

Lance is and will forever be greatly missed by all those who had the good fortune to know him, including his loving children, Megan and Jason; their spouses, Cory and Natalie; grandchildren, Charlie, Henry, Reilly and Rorrie; beloved friend Connie Turner; and numerous close friends who were so dear to Lance and his family. Lance was predeceased in 2018 by his wife of almost 40 years, Laverne, and his parents, Eric and Elaine Roberts of Edmonton, Alberta.

Lance was a well-respected and long-tenured professor of the Sociology Department at the University of Manitoba, having contributed as a member of the Faculty for over 40 years, as well as a Fellow at St. John's College. He touched innumerable lives through his teaching, extensive body of academic research and writings, and professional relationships.

Beyond his academic and professional achievements, Lance was also a man of eclectic interests, especially those in art, poetry, literature and music, devoting himself most recently to becoming a proficient banjo player and a bluegrass music aficionado. Perhaps most importantly of all, Lance was a devoted and caring father, dedicating his time and energies into ensuring his children and grandchildren were most loved and imbued with self-confidence and strength of character.

Special thanks to CancerCare Manitoba and all the wonderful nurses at the Buhler Centre at Victoria Hospital, and to Dr. Vi Dao for expertly guiding Lance's treatment. In his final week, the ICU doctors and nurses at St. Boniface Hospital were endlessly supportive and caring, and in particular, his primary caregivers, Carly, Shareen, Kerri and Amanda.

Flowers are gratefully declined. Instead, donations can be made to Myeloma Canada, CancerCare Manitoba or other charity of your choice. Alternatively, a scholarship will soon be established in Lance's name, and donations can be made to St. John's College in trust for the fund.

All are invited to attend a ceremony in celebration of Lance's brilliant and inspiring life, which will be held at St. John's College Chapel on September 29, 2019 at 2:00 p.m., officiated by Father Paul Lampman. Refreshments will follow.

In Memoriam – Dr. Kenneth G. Standing

Alumnus and professor Kenneth G. Standing [BSc (Hons)/48, DSc/09], recognized worldwide for designing and building tools to study large biomolecules, especially proteins, died Mar. 21 in Winnipeg. He was 93.

Standing and his team of researchers made important advances in the use of time-of-flight mass spectrometry—a scientific tool that can identify the chemical composition of compounds, especially proteins and peptides. In 2003, during the global outbreak of severe acute respiratory syndrome (SARS), Standing’s team was the first to describe SARS virus proteins. He also nurtured the careers of many young scientists from Canada and abroad.

In 2009, Standing received an honorary doctorate degree from the U of M. The following year, Standing and his colleague Werner Ens won the Manning Innovation Award, dubbed the “Canadian Nobel Prize,” for their advancements in time-of-flight mass spectrometry.

“Dr. Standing was a gifted scientist, teacher, and mentor,” said Dr. Digvir Jayas, Vice-President (Research and International) and Distinguished Professor. “His research innovations transformed science around the globe and provided the basis for life-saving discoveries.”

Standing’s innovations have made mass spectrometry more efficient and cost-effective. As a result, researchers are using equipment with higher sensitivity for more sophisticated protein analysis. This is enhancing the study of kidney transplant rejection, disease resistance in wheat, drug development, and biofuels, among other areas.

Standing distinguished himself early on, receiving scholarships towards his studies in math and physics. He took off 18 months to serve with the Navy during the Second World War, then came back to finish his studies. As treasurer of the Students’ Union, he controversially reallocated student fees across faculties to attempt to balance the budget.

In his graduating year, Standing was described as “one of our outstanding campus personalities... definitely most likely to succeed.” He proceeded to earn a PhD in Nuclear Physics from Princeton University and returned shortly after to launch his academic career at U of M. Standing designed, built, and commissioned a cyclotron, and directed the lab in which it was housed (1959-67, 1968-74) before turning his attention to time-of-flight mass spectrometry.

Apart from the Manning Award, he received the NSERC Bertram Brockhouse Prize, the NSERC Synergy Award, and honours from the American Chemical Society and American Physical Society. The flag at the U of M was lowered on May 6, 2019 in honour of Kenneth Standing.



Office of the Provost & Vice-President (Academic)

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Date: June 27, 2019

To: Dr. Brian Postl, Dean, Max Rady College of Medicine, Rady Faculty of Health Sciences

From: Dr. Janice Ristock, Provost and Vice-President (Academic)

Re: Implementation of Post-baccalaureate Diploma in Medical Physiology and Pathophysiology

On June 25, 2019, UM received formal notification of approval from Manitoba Education and Training (MET) (*see attached*) to establish a Post-baccalaureate Diploma in Medical Physiology and Pathophysiology. The Assistant Deputy Minister identified the program as an educational opportunity for students interested in pursuing graduate or professional programs in medical sciences, or a career in the healthcare sector.

I hereby approve implementation of the program commencing in the Fall Term (September) 2020, noting the following:

- Operating costs for the program will be met through reallocation of existing resources within the unit and offset by tuition and laboratory fee revenue, and external research funding (to support the laboratory project course).
- Students in the program will be assessed the standard per credit hour tuition rate for the College of Medicine as approved by the Board of Governors.
- The anticipated average annual intake for the program is six (6) students; however, the program has been approved for a maximum of 30 students.

Consistent with Section 9.7(1) of the Advanced Education Administration Act, should you wish to make any significant modifications to, or cease to provide the program in the future, you are required to seek and receive prior approval from MET. In this respect, the program is and will be subject to any regulations prescribed under Section 9.7(1) of the Act.

On behalf of the University of Manitoba, I extend my congratulations to all who have worked hard in developing this exciting new program.

Cc.: Dr. David Collins, Vice-Provost (Integrated Planning and Academic Programs)
Mr. Jeff Leclerc, University Secretary
Mr. Jeff Adams, Director, Enrolment Services
Mr. Neil Marnoch, Registrar
Mr. Randy Roller, Executive Director, OIA
Ms. Giselle Martel, Executive Director, Financial Planning
Ms. Cassandra Davidson, Academic Programs Specialist



Education and Training

Assistant Deputy Minister, Post-Secondary Education and Workforce Development Division
405 – 800 Portage Avenue, Winnipeg, Manitoba, Canada R3G 0N4
T 204-945-3047 F 204-945-1557
www.manitoba.ca

June 25, 2019

Dr. David Barnard
President and Vice-Chancellor
University of Manitoba
president@umanitoba.ca

Dear Dr. Barnard:

I am pleased to advise that Manitoba Education and Training has approved the University of Manitoba's proposal to establish the Post-baccalaureate Diploma in Medical Physiology and Pathophysiology program, as submitted.

I understand from the proposal that the University has committed internal resources and external funds to support the operation of this program. As such, there will be no funding or other resource requests associated with this program to government.

I trust that this program will provide great educational opportunities for students who are interested in pursuing a graduate or professional program in medical sciences, or a career in the healthcare sector. I wish the University and students success with this program.

Should you have any questions regarding this approval, please contact Mr. Grant Prairie, Acting Director of Institutional Relations at Post-Secondary Education and Labour Market Outcomes, at 204-945-8564 or at Grant.Prairie@gov.mb.ca.

Sincerely,

Colleen Kachulak

- c. Dr. David Collins, Vice-Provost, University of Manitoba
Mr. Grant Prairie, A/Director of Institutional Relations, Post-Secondary Education and Labour Market Outcomes, Manitoba Education and Training

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 Peter Blunden will be the Speaker for the Executive Committee for the November meeting of Senate.

2. Comments of the Executive Committee of Senate

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

Respectfully submitted,

Dr. Janice Ristock, Acting Chair

Senate Executive Committee

Terms of Reference:

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

Report of the Senate Committee on Admissions concerning a proposal from the Faculty of Kinesiology and Recreation Management to modify the direct entry admission requirements for three degree programs (2019.06.24)

Preamble:

1. The terms of reference for this committee can be found at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/490.htm.
2. The Faculty of Kinesiology and Recreation Management is proposing to modify the direct entry admission requirements for three degree programs: Bachelor of Kinesiology, Bachelor of Physical Education, Bachelor of Recreation Management and Community Development.
3. The proposal was approved by the Faculty of Kinesiology and Recreation Management Faculty Council on December 18th, 2018 and was endorsed by SCADM on June 24th, 2019.

Observations:

1. At the May 16, 2018 Senate meeting a new direct entry framework was approved.
2. The proposed modifications align with the direct entry framework.
3. The faculty decided to retain the minimum 85% average over the required courses; under the new framework they had the option of lowering the average to a minimum of 70%.

Recommendation:

The Senate Committee on Admissions recommends that the proposal to modify the direct entry admission requirements for three degree programs in the Faculty of Kinesiology and Recreation Management be approved effective for the Fall 2022 intake.

Respectfully submitted


Laurie Schnarr, Chair, Senate Committee on Admissions

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



September 30, 2019

TO: Ms. Laurie Schnarr, Vice Provost (Students), Chair, Senate Committee on Admissions

FROM: Dr. Douglas Brown, Dean 

RE: A proposal to the Senate committee on Admissions from the Faculty of Kinesiology and Recreation Management Recommending Modification to Direct Entry Admissions Categories.

As outlined in the attached Summary of Proposal, the Faculty of Kinesiology and Recreation Management is requesting modification to the direct entry admissions categories for the following degrees:

Bachelor of Kinesiology
Bachelor of Physical Education
Bachelor of Recreation Management and Community Development.

The modifications to Direct Entry Admissions Categories were approved by FCRM Faculty Council on December 18, 2018.

Modification to the Direct Entry Admissions Categories, effective for Fall 2022.

The Faculty of Kinesiology and Recreation Management seeks to adopt the new direct entry framework as proposed by the Admissions Office and approved at Senate on May 16, 2018.

The current direct entry admissions requirements include:

Bachelor of Kinesiology degree:

A minimum 85% average over the following, with no less than 60% in each course:

1. English 40S
2. Applied Mathematics 40S or Pre-Calculus Mathematics 40S
3. One of Biology, Chemistry, Physics or Computer Science 40S

Bachelor of Physical Education degree:

A minimum 85% average over the following, with no less than 60% in each course:

1. English 40S
2. Applied Mathematics 40S or Pre-Calculus Mathematics 40S
3. One of Biology, Chemistry, Physics or Computer Science 40S

Bachelor of Recreation Management and Community Development degree:

A minimum 85% average over the following, with no less than 60% in each course:

1. English 40S
2. Applied Mathematics 40S or Pre-Calculus Mathematics 40S
3. A third 40S course

Revised Admissions Preferences:

The preferred new direct entry model for the Faculty of Kinesiology and Recreation Management is as follow:

Bachelor of Kinesiology degree

The four courses required for admission consideration will include:

1. English 40S
2. Applied Mathematics 40S or Pre-Calculus Mathematics 40S
3. One of Biology 40S, Chemistry 40S, or Physics 40S
4. Any other academic 40S course

Bachelor of Physical Education degree

The four courses required for admission consideration will include:

1. English 40S
2. Applied Mathematics 40S or Pre-Calculus Mathematics 40S

3. One of Biology 40S, Chemistry 40S, or Physics 40S
4. Any other academic 40S course

Bachelor of Recreation Management and Community Development degree

The four courses required for admission consideration will include:

1. English 40S
2. Applied Mathematics 40S or Pre-Calculus Mathematics 40S
3. A third 40S course
4. A fourth academic 40S course

For all three degree programs, the minimum high school average over the 4 courses used for admission will be 85%, with no less than 60% in each course.

Recommendation:

The Faculty of Kinesiology and Recreation Management will adopt the University of Manitoba's new direct entry framework by including four 40S courses in the high school grade calculation. The Faculty will retain the current 85% average over the required courses for admission, with no course less than 60%.

Report of the Senate Committee on Admissions concerning a proposal from the Rady Faculty of Health Sciences to revise the admission requirements for the Interdisciplinary Health Program (2019.09.16)

Preamble:

1. The terms of reference for this committee can be found at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/490.htm.
2. The Rady Faculty of Health Sciences is proposing a modification to the advanced entry admission requirements for the Interdisciplinary Health Program (IHP). The proposal is to add ten courses to the list of courses that are recognized as science electives for admission purposes.
3. The proposal was approved by the Rady Faculty of Health Sciences Faculty Executive Council on June 18th, 2019, and was endorsed by SCADM on September 16th, 2019.

Observations:

1. In the Fall of 2018 the Health Studies curriculum was revised and ten additional courses were added to the list of recognized science electives.
2. Adding these courses to the list of eligible courses in the admission criteria for the program will ensure alignment with the program curriculum.
3. This change will provide applicants with more choice in the courses they take while ensuring that they will be able to fulfill the admission requirements for the program.

Recommendation:

The Senate Committee on Admissions recommends that the proposal to revise the admission regulations for the Interdisciplinary Health Program be approved and in effect for the fall 2021 intake.

Respectfully submitted
Laurie Schnarr, Chair, Senate Committee on Admissions

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

Science Admission Requirements for Health Studies (Interdisciplinary Health Program)
June 2019

Preamble: The Interdisciplinary Health Program, specifically for the Health Studies degree is proposing an expansion of the science electives used for admission into the degree.

Observation: The current requirement for admission into the Health Studies degree is:

24 credit hours of University study

2.00 GPA

Of the 24 credit hours, six credit hours must be equivalent to or from the Faculty of Arts and six credit hours must be equivalent to or from the Faculty of Science.

As the Health Studies curriculum has been revised as of Fall 2018, additional courses have been added as science electives that are not offered through the Faculty of Science. These courses are listed below:

Faculty of Agricultural and Food Sciences

FOOD 4150 Food Microbiology 1

HNSC 1200 Food, Facts and Fallacies

HNSC 2130 Nutrition through the Life Cycle

Clayton H. Riddell Faculty of Environment, Earth and Resources

EER 1000 Earth: A User's Guide

ENVR 1000 Environmental Science 1: Concepts

ENVR 3400 Introduction to Environment and Health

ENVR 4400 Advanced Issues in Environment and Health

Max Rady College of Medicine

BGEN 3022 Introduction to Human Genetics A

BGEN 3024 Introduction to Human Genetics B

PHGY 1030 Fundamentals of Medical Physiology

We would like to include the above courses as part of the science admission criteria into Health Studies. Students would then be able to use courses offered by the Faculty of Science and/or the above courses as admission criteria. Once in the Health Studies degree students can use the courses to fulfill the six credit hours of science elective courses or program elective requirements.

As many students do not always have courses from the Faculty of Science, this proposal broadens the scope of courses allowed for admission. If students have the above courses already but not Faculty of Science courses they can still apply to the degree program as the courses are considered science electives by the degree.

Recommendation: We recommend that students be able to use courses offered by the Faculty of Science and/or from the list above as admission criteria to the Bachelor of Health Studies degree.

September 23, 2019

Report of the Senate Committee on University Research Re: Proposal to Establish a Professorship in Business Sustainability

Preamble:

1. The terms of reference for the Senate Committee on University Research (SCUR) can be found at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/510.html
2. At its meeting on September 17, 2019, SCUR received for review, a proposal to establish a Professorship in Business Sustainability.
3. The University of Manitoba Policy for Chairs and Professorships specifies (section 2.14) “In the case of proposals for Chairs and Professorships that are primarily intended to enhance the University’s research programs, the Senate Committee on University Research shall recommend to Senate.”

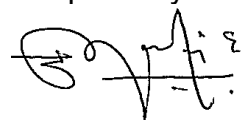
Observations:

1. The Asper School of Business has proposed a Professorship in Business Sustainability.
2. The purpose of the Professorship is to “provide academic and professional leadership in the area of business sustainability within the Department of Business Administration” and to “foster original research focused on business sustainability”.
3. The Chair will be funded through the Norman Frohlich Professorship in Business Sustainability Endowment Fund.

Recommendation:

The Senate Committee on University Research recommends THAT: the Professorship in Business Sustainability be approved by Senate.

Respectfully submitted,



Digvir Jayas, Chair
Senate Committee on University Research.

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



**University
of Manitoba**

Office of Provost and Vice-President (Academic)

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Date: August 30, 2019

To: Digvir Jayas, Vice-President (Research and International)

From: Janice Ristock, Provost and Vice-President (Academic)

Re: Proposal to Create a Professorship in Business Sustainability

On behalf of the Asper School of Business, Dean Gady Jacoby has submitted a proposal to convert the previously created Norman Frohlich Fellowship into a Professorship in Business Sustainability. This Professorship aligns with the priorities of the Department of Business Administration, the Faculty and the University and will support research in the area of business sustainability.

The policy on Chairs and Professorships specifies that:

- (1) Professorships are established to advance the University's academic goals and objectives;
- (2) Professorships be funded by way of an endowment or through annual expendable gifts for at least five years, or by a combination of endowment and annual expendable gifts;
- (3) Professorships shall normally be attached to a department, faculty, school, college, centre or institute and the goals of the Professorship shall be consistent with that unit;
- (4) The establishment of a Professorship normally shall not be tied to the appointment of a particular person;
- (5) Individuals appointed to the Professorship shall normally have the academic qualifications commensurate with an appointment at the rank of Assistant Professor, Associate Professor, or Professor; and
- (6) The initial term of the appointment of the Professorship shall be 3 to 5 years, and if renewal is permitted, such renewal shall be subject to a successful performance review and the availability of funds.

The proposed Professorship satisfies the above requirements. Funding will be derived from the Norman Frohlich Endowment Fund (with a current value of \$750,000) and an Asper endowment fund, to bring the total endowment balance to \$1,000,000.

I support this proposal from the Asper School of Business and request that you present it to the Senate Committee on University Research for consideration and recommendation to Senate and, in turn, the Board of Governors.

If you have any questions or concerns, I would be pleased to meet with you.

MEMORANDUM

Date: July 16, 2019

To: Dr. Janice Ristock, Provost and Vice-President (Academic)

From: Dr. Gady Jacoby, Dean and CPA Manitoba Chair in Business Leadership 

Subject: A Proposal for the Professorship in Business Sustainability

Enclosed please find the terms of reference for a new Professorship in Business Sustainability. The proposal for this new professorship is based on converting the Norman Frohlich fellowship into a research Professorship in Business Sustainability at the I.H. Asper School of Business. The purpose of the proposed Professorship in Business Sustainability is to provide academic and professional leadership in the area of business sustainability within the Department of business Administration at the Asper School. The intent is to foster original research focused in business sustainability and in particular the areas of strategy, human resources, industrial relations, entrepreneurship, organizational behavior, and/or organizational theory. The Professorship will contribute to undergraduate and graduate teaching in the area of business sustainability.

This Professorship will be filled at the rank of Assistant, Associate or Full Professor in the Department of Business Administration within the School. The selection of the individual to the Professorship shall be done in accordance with the normal University of Manitoba policies on academic hiring and the University of Manitoba/University of Manitoba Faculty Collective Agreement.

The annual income from the endowment will fund the support of graduate students and research, and may also fund a stipend. Half of the annual income will be directed towards graduate student fellowships in the Department of Business Administration, and the remaining 50% will fund high priority work projects, research and related travel and expenditures in support of academic excellence in the field of management. Our Faculty Council has unanimously endorsed the terms of reference for this new Professorship in Business Sustainability.

The Professorship will be funded through the Norman Frohlich Endowment Fund (with a current market value of \$750,000) and a transfer from the Asper Unrestricted Fund to bring the endowment balance to \$1 million required for a professorship. The income of the endowment fund shall be allocated in accordance with the policies of the University of Manitoba. It is the intention of the Asper School to fill the Professorship during the 2019-2020 academic year.

I look forward to your response. Please let me know if you require any further information or documentation.

Professorship in Business Sustainability Terms of Reference

May 2019

1.1 Type of Appointment

Professorship

1.2 Name of Professorship

Professorship in Business Sustainability

1.3 Purpose and Objective of Professorship

The purpose of the Professorship is to provide academic and professional leadership in the area of business sustainability within the Department of Business Administration at the I.H. Asper School of Business. The intent is to foster original research focused on business sustainability and in particular the areas of strategy, human resources, industrial relations, entrepreneurship, organizational behavior, and/or organizational theory. The Professorship will contribute to undergraduate and graduate teaching in the area of business sustainability.

1.4 Relationship of the Goals of the Professorship to the Proposing Unit

The establishment of a Professorship in Business Sustainability aims to build on research strengths in the Department of Business Administration. The individual awarded the professorship will be a faculty member appointed in the Department of Business Administration in the I. H. Asper School of Business. This department currently holds a Canada Research Chair in Entrepreneurship and Innovation, Stu Clark Endowed Chair in Entrepreneurship, IG Wealth Management Chair in Leadership Education, IG Wealth Management Chair in Leadership Research, and Richard Morantz and Sheree Walder Morantz Professorship in Business Ethics. This new Professorship is intended to build research strength in management areas related to business sustainability.

The location of the Professorship within the I.H. Asper School of Business will allow for:

- Increased research output, with publications in top journals in Management
- Specialized teaching in the area of business sustainability
- Potential for new sources of graduate student funding.

1.5 Method by which Professorship will be funded

The Professorship will be fully funded through the Professorship in Business Sustainability Endowment Fund. The income of the endowment fund shall be allocated in accordance with the policies of the University of Manitoba and will contribute support to the scholarly activities, and salary and benefits of the Professorship.

1.6 General and Specific Required Academic Qualifications of the Candidates or Nominees

In accordance with the University of Manitoba's Chairs and Professorships Procedure, individuals appointed to the Professorship in Business Sustainability shall have the following qualifications:

- Academic qualifications commensurate with an appointment at the rank of Assistant Professor, Associate Professor, or Professor.
- Minimum degree requirement of PhD specializing in management, specifically in strategy, international business, human resources, industrial relations, entrepreneurship, organizational behavior, and/or organizational theory.
- History of excellence in research as evidenced by high quality research output, successful and promising research projects and programs, and significant contributions to the academic and professional community at the national and international level.
- Established research program with evidence of ongoing research productivity in management.
- Demonstrated evidence of external research grant funding.
- Demonstrated evidence of successful graduate student supervision.
- Demonstrated teaching ability.

1.7 Term of Appointment and Provision for Reappointment

- The initial term of appointment will be five years.
- The appointee will provide an annual report on his/her activities to the Dean on July 1 of each year following the appointment to the Professorship.
- The Professorship will be renewable, subject to performance, and the appointee will have to reapply to the Professorship at the end of their initial term in order to be considered.

The selection of the individual to the Professorship shall be done in accordance with the normal University of Manitoba policies on academic hiring and the University of Manitoba/University of Manitoba Faculty Association Collective Agreement.

The Professorship selection committee should include, but is not restricted to, the following members:

- Dean, I.H. Asper School of Business (or designate)
- Head, Department of Business Administration - in the event that the Head is a candidate for the chair, the Dean will designate an alternate tenured faculty member to serve on the selection committee
- At least one faculty member who conducts research in management
- At least one faculty member from a department other than Business Administration within the I.H. Asper School of Business.

A successful performance review will provide evidence of the following:

- High-quality peer reviewed publications
- Leadership in the area of business sustainability
- Successful research grant submissions from recognized funding sources
- Effective teaching and supervision of undergraduate and graduate students.

The title of Professorship shall appear on business cards, publications, conference papers, public communications, and all other university publications and the like pertaining to the appointee.

1.8 Other Provisions unique to the Professorship

- 1) The duties and responsibilities of the individual appointed to the proposed Professorship will be in accordance with the University Policy and Procedures on Chairs and Professorships.
- 2) Annual reporting requirements shall also be in accordance with the University Policy on Chairs and Professorships. The appointee will provide an annual report of his/her activities to the Dean, the Office of the Provost and Vice-President (Academic), and the Office of the Vice-President (Research and International) by July 1 of each year following the appointment to the Chair.
- 3) In accordance with University Policy, the annual performance of the professor will be reviewed in the same manner as other faculty members. The Dean of the I.H. Asper School of Business shall be responsible for initiating and coordinating any reappointment review process and for recommending on reappointment.
- 4) The appointment of the Professorship will be made on the recommendation of the Department of Business Administration and shall be conducted in accordance with the University policy on Academic Appointments and the guidelines for the establishment of Chairs/Professorships.

- 5) It is understood that the Professorship will be structured with a five-year maximum term with an option of renewal subject to satisfactory performance of the incumbent.
- 6) The annual income from the endowment will fund the support of graduate students and research, and may also fund a stipend. The value of the stipend cannot exceed 50% of the annual income up to a maximum of \$10,000.00. After the stipend is paid, half of the remaining annual income will be directed towards graduate student fellowships in the Department of Business Administration, and the remaining funds will fund high priority work projects, research and related travel and expenditures in support of academic excellence in the fields of business sustainability and management.

Approved at Faculty Council May 31, 2019.

THE SENATE COMMITTEE ON UNIVERSITY RESEARCH REPORT ON THE REVIEW OF THE INSTITUTE OF CARDIOVASCULAR SCIENCES

Preamble:

1. The terms of reference for the Senate Committee on University Research (SCUR) can be found at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/510.html
2. At its meeting on September 17th, 2019, SCUR received a report from the Institute of Cardiovascular Sciences (ICS) for its periodic review, as per University policy.
3. The Policy for *Research Centres, Institutes and Groups*, stipulates that all research centres/institutes be reviewed by the Senate Committee on University Research (SCUR) on a periodic basis but not less than once every 5 years. Accordingly and following the approval by Senate of this Policy, the Senate Committee on University Research established a schedule for the review of all research centres/institutes.
4. For each research centre/institute identified for review, a sub-committee of the Senate Committee on University Research was established. In accordance with the Policy, the task of each sub-committee was to recommend to SCUR on whether a formal, independent review committee should be struck to conduct a full review. If a sub-committee was of the view that a full review of a specific research centre/institute was not warranted, it was further charged with recommending to SCUR on the continuance or termination of the research centre/institute.

Observations:

1. The review process followed that which is outlined in sections 2.6 to 2.13 of the Procedures, and involved a review of annual reports of each centre/institute as well as a report prepared by each research centre/institute director which (as per section 2.8 of the Procedures) contained:
 - a) A description of how and why the centre/institute has achieved or revised its original objectives; a detailed listing of its research and training accomplishments; a current membership list; and a detailed financial statement;
 - b) a five-year plan which identifies future research directions and development strategies;
 - c) letters indicating continued support for the research/centre institute from appropriate department heads and faculty/school deans/directors; and
 - d) the names of individuals who could provide external assessments of the research centre/institute.
2. The membership of this sub-committee was as follows:

Michelle Porter, Faculty of Kinesiology and Recreation Management (Chair)
Stefi Baum, Faculty of Science
Jason Leboe-McGowan, Faculty of Arts
3. The assessment of the sub-committee was as follows:
 - a) The extent to which the research centre/institute has fulfilled:

- (i) The general objectives of research centres/institutes as stipulated under the Policy; and

It has met the general objectives of research centres/institutes.

- (ii) Its specific objectives, as indicated on its establishment;

It has met the specific objectives of the ICS.

- b) Highlight past research training and funding of the centre. Discuss the appropriateness of its proposed five-year plan for future research directions and development strategies and;

The Institute has continued its long track record of excellence in research with 306 papers in refereed journals, 51 book chapters/proceedings, and researchers have received about \$22 million in research funding from agencies such as CIHR, NSERC and the Heart and Stroke Foundation. In total, the ICS has been involved in the training of 15 postdoctoral fellows, 12 PhDs, 25 MScs, and 3 BScMed students. In addition, hundreds of students have received summer training.

The Institute has a new Director who has established an Advisory Committee of 5 members of the ICS, as well as delegated specific responsibilities of oversight to each executive member of the committee. The Institute held a faculty retreat in 2018 with all faculty and WRHA members in attendance. Priorities for the Institute in the next 5 years include increased knowledge translation, particularly between clinicians and researchers, recruiting new faculty members of the ICS, expanding international connections for research and training opportunities, and a major thrust on training students through journal clubs, workshops, a visiting scientist program, scholarships and conference travel funding. Specific funding will be sought from CFI to provide a state of art research platform.

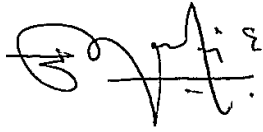
- c) Its current and projected financial viability.

The Institute's operations are largely funded by the St. Boniface Hospital Foundation, which provides support for secretarial/lab services, general supplies/expenses, and funds for visiting speaker travel and activities. While no guarantees have been provided that the same level of funding will exist in the future, Grant Pierce, Executive Director of Research at St. Boniface Hospital, stated that "there are assurances given by the Foundation that every effort will be made to continue this level of support to the Research Enterprise at St. Boniface Hospital."

Recommendation:

THAT the *Institute of Cardiovascular Sciences*, be renewed for a term of 5 years, from January 1, 2020 through December 31, 2024.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Digvir Jayas', with a horizontal line drawn through the middle of the signature.

Dr. Digvir Jayas, Chair
Senate Committee on University Research

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

THE SENATE COMMITTEE ON UNIVERSITY RESEARCH REPORT ON THE REVIEW OF THE SPINAL CORD RESEARCH CENTRE

Preamble:

1. The terms of reference for the Senate Committee on University Research (SCUR) can be found at:

http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/510.html

2. At its meeting on September 17th, 2019, SCUR received a report from the Spinal Cord Research Centre (SCRC) for its periodic review, as per University policy.

3. The Policy for *Research Centres, Institutes and Groups*, stipulates that all research centres/institutes be reviewed by the Senate Committee on University Research (SCUR) on a periodic basis but not less than once every 5 years. Accordingly and following the approval by Senate of this Policy, the Senate Committee on University Research established a schedule for the review of all research centres/institutes

4. For each research centre/institute identified for review, a sub-committee of the Senate Committee on University Research was established. In accordance with the Policy, the task of each sub-committee was to recommend to SCUR on whether a formal, independent review committee should be struck to conduct a full review. If a sub-committee was of the view that a full review of a specific research centre/institute was not warranted, it was further charged with recommending to SCUR on the continuance or termination of the research centre/institute.

Observations:

1. The review process followed that which is outlined in sections 2.6 to 2.13 of the Procedures, and involved a review of annual reports of the Spinal Cord Research Centre (SCRC), as well as a report prepared by the director of the SCRC, Dr. Philip Gardiner, which (as per section 2.8 of the Procedures) contained:

- a) A description of how and why the SCRC has achieved or revised its original objectives; a detailed listing of its research and training accomplishments; a current membership list; and a detailed financial statement;
- b) a five-year plan which identifies future research directions and development strategies;
- c) letters indicating continued support for the SCRC from appropriate department heads and faculty/school deans/directors; and
- d) the names of individuals who could provide external assessments of the SCRC.

2. The membership of this sub-committee was as follows:

Dr. Jason Leboe-McGowan (Chair)
Professor, Department of Psychology
Associate Dean, Faculty of Arts

Dr. Diane Hiebert-Murphy
Professor & Acting Dean, Faculty of Social Work
Vice-Provost (Academic Affairs)

Dr. Gary Glavin
Professor, Department of Pharmacology and Therapeutics
Associate Vice-President (Research)

3. The assessment of the sub-committee was as follows:

In our view, the Spinal Cord Research (SCRC) fulfills the objectives of a research centre as defined by the University of Manitoba's *Research Centres, Institutes and Groups Policy*. Under that policy, research centres must "focus and sustain research in specific areas and encourage research collaborations among disciplines and between Departments, Faculties and Schools", "provide unique training opportunities for students", and "serve as a valuable information source for the community at large." The SCRC also succeeds in fulfilling its stated mission "to provide an environment for world-class preclinical and clinical spinal cord research and training, through our leadership and expertise in the areas of spinal cord function, from cellular properties to spinal cord pathophysiology, to enhance the lives of those living with spinal cord injury."

Since 1987, the SCRC has provided an essential context for scholars across the University to collaborate on spinal cord function and injury and to contribute their expertise to the broader scientific community. The Centre's core members and affiliated members represent several disciplines related to health and wellness, including researchers from the Departments of Physiology and Pathophysiology, Internal Medicine, Human Anatomy and Cell Science, Radiology, Physical Therapy, in the Faculty of Health Sciences, and from the Faculty of Kinesiology and Recreation Management. Within the report that we received, there was considerable evidence that these collaborations provide the context for an extraordinarily vibrant and productive research community. Over the past 5 years, members of the SCRC have served as editors, associate editors, or as reviewers for many scientific journals, published 98 refereed articles, have been granted \$13.7 million in research funding, and have received 99 invitations to present their work at the University of Manitoba and at other institutions throughout the world. It is important to note that, during the previous review of this centre, the sub-committee recommended that "more joint publications/research funding would be desirable". Therefore, sub-committee members were pleased to see that SCRC members worked together on several publications and efforts to secure research funding over the past five years. However, the sub-committee recommends that development of these joint initiatives should increase during the next review period. Moreover, we recommend a particular focus on increasing the number of clinician members of the SCRC and on increasing collaborative research, funding, and student training activities between current non-clinical members and clinicians.

The Centre has also facilitated the development of collaborations between its members and leading scientists across the globe. The Centre's leadership in organizing a Visiting Scientist program, hosting guest speakers for their Journal Club colloquium series, and co-hosting lectures with the Manitoba Neuroscience Network (MNN)/Society for Neuroscience Winnipeg Chapter provides a further impetus for the development of collaborative research opportunities. These activities contribute a valuable opportunity for students engaged in spinal cord research to learn about contemporary advancements in the area. Moreover, many of the Journal Club speakers are graduate students, allowing them to gain experience presenting their own research findings. Indeed, in support of the mandate to "provide unique training opportunities for students", over the past 5 years the SCRC has trained or is in the process of training 6 research associates, 6 postdoctoral fellows, 3 PhD students, 12 MSc students, and 11 undergraduate student researchers. SCRC members have also taken on much of the responsibility for providing instruction on basic neuroscience in the College of Medicine and the College of Pharmacy.

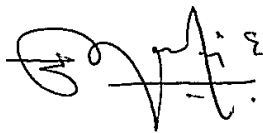
Through these activities, our assessment is that the SCRC succeeds in fulfilling both the general objectives defined by the University of Manitoba's Policy governing research centres and the stated mission of the Centre established through their development of a Strategic Plan in 2017.

As for the financial health of the SCRC, the report included a description of three sources of funds dedicated to the Centre's activities and additional details from the Director regarding the contributions of funds to the Centre from the various research grants awarded to members. These funds ensure the financial viability of the Centre for at least the duration of the renewal period.

Recommendation:

THAT the *Spinal Cord Research Centre* be renewed for a term of 5 years, from January 1, 2020 to December 31, 2024

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Digvir Jayas', with a stylized flourish at the end.

Dr. Digvir Jayas, Chair
Senate Committee on University Research

Comments of the Senate Executive Committee:

The Senate Executive Committee endorses the Report to Senate.