

Senate
Senate Chamber
Room E3-262 Engineering Building
WEDNESDAY, March 4, 2015
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. Reports of the Senate Committee on Medical Qualifications

(a) RE: Dr. Yoav Keynan Page 3

(b) RE: Dr. Erick Sell Page 4

Curricula vitae of Dr. Keynan and Dr. Sell will be available for inspection by members of Senate in the Office of the University Secretary and in the Dean's Office, College of Medicine, prior to the March Senate meeting.

III MATTERS FORWARDED FOR INFORMATION

1. **Report of the Senate Committee on Awards** Page 5
 [January 13, 2015]

2. **Report on Research Contract Funds Received,** Page 13
 July 1, 2014 – December 31, 2014

3. **Proposed Admission Targets for Fall 2015** Page 17

4. **Items Approved by the Board of Governors** Page 20
 on January 27, 2015

5. **Implementation of Concentration in Inorganic Chemistry** Page 21

6. **Update from the Academic Integrity Working Group**

IV REPORT OF THE PRESIDENT Page 22

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. of the day preceding the meeting.

VI CONSIDERATION OF THE MINUTES OF THE MEETING OF FEBRUARY 4, 2015

VII BUSINESS ARISING FROM THE MINUTES - none

VIII	<u>REPORTS OF THE SENATE EXECUTIVE COMMITTEE AND THE SENATE PLANNING AND PRIORITIES COMMITTEE</u>	
1.	<u>Report of the Senate Executive Committee</u>	Page 33
2.	<u>Report of the Senate Planning and Priorities Committee</u>	
	(a) The Chair will make an oral report of the Committee's activities.	
	(b) <u>RE: Merger of the Department of Textile Sciences with the Department of Biosystems Engineering</u>	Page 34
IX	<u>REPORTS OF OTHER COMMITTEES OF SENATE, FACULTY AND SCHOOL COUNCILS</u>	
1.	<u>Report of the Senate Committee on Instruction and Evaluation RE: Revised Academic Regulations on Maximum Time Limits for the Post-Baccalaureate Diploma in Education</u>	Page 47
X	<u>ADDITIONAL BUSINESS</u> - none	
XI	<u>ADJOURNMENT</u>	

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



College of Medicine
Faculty of Health Sciences

Office of Academic Affairs
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750 Bannatyne Avenue
Winnipeg, Manitoba
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Telephone (204) 977-5647

February 3, 2015

Ms. Shannon Coyston
Academic Specialist
Office of the University Secretary
312 Administration Building

Re: Application for Approval under Section 64 of the Manitoba Medical Act - Dr. Yaov Keynan

Dear Colleagues:

The Senate Committee on Medical Qualifications met today to consider the application from the Department of Internal Medicine, Faculty of Health Sciences, University of Manitoba, to grant Dr. Keynan a certificate under the academic seal of the university. He has had an appointment as an Assistant Professor in the Department of Internal Medicine since 2012 and has had a contingent license to practice in the area of Infectious Disease from 2012-2014. Dr. Keynan's Curriculum Vitae and letters of support are enclosed.

Dr. Keynan completed his medical degree and Internal Medicine residency in Israel. He came to the University of Manitoba in 2005 to complete a clinical fellowship in Infectious Diseases, and subsequently entered a PhD program in Medical Microbiology. Since his appointment to the Faculty in 2012 he has established himself as an outstanding clinician, clinical teacher and researcher. He has developed national and international research collaborations in the area of HIV immuno-genetics, and is highly valued as an academic colleague by his Section and Department.

The Senate Committee on Medical Qualifications unanimously supports this application for use of Section 64. The Head of the Department of Internal Medicine, Dr. Dan Roberts considers, and the Senate Committee on Medical Qualifications agrees, that Dr. Keynan has demonstrated excellence as a clinician-scientist. His department has made a commitment to support his academic career advancement.

The Senate Committee on Medical Qualifications would appreciate your support for this application to the College of Physicians and Surgeons of Manitoba to grant Dr. Keynan a certificate under the academic seal of the University.

Sincerely,

Sara J. Israels, MD FRCPC
Assistant Dean (Academic)
Chair, Senate Committee on Medical Qualifications

Cc: Dr. Dan Roberts, Head, Department of Internal Medicine
Dr. Brian Postl, Dean, College of Medicine
Dr. Anna Ziomek, Registrar, College of Physicians & Surgeons of Manitoba

/md



UNIVERSITY
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February 3, 2015

Ms. Shannon Coyston, Academic Specialist
Office of the University Secretary
312 Administration Building

Re: Application for Approval under Section 64 of the Manitoba Medical Act - Dr. Erick Sell

Dear Colleagues:

The Senate Committee on Medical Qualifications met today to consider the application from the Department of Pediatrics and Child Health, College of Medicine, to grant Dr. Sell a certificate under the academic seal of the university. Dr. Sell is the favoured candidate to replace the retiring Head of the Section of Pediatric Neurology. Dr. Sell's Curriculum Vitae and letters of support are enclosed.

Dr. Sell completed his medical degree and Pediatric residency in Costa Rica. In 2002 he entered subspecialty training in Pediatric Neurology at the Hospital for Sick Children at the University of Toronto, followed by a fellowship in Pediatric Epilepsy. After returning briefly to Costa Rica, he was recruited by the University of Ottawa, where he has held an academic appointment as an Assistant Professor in Pediatrics since 2007. Since his appointment he has worked as an academic clinician in Pediatric Neurology at the Children's Hospital of Eastern Ontario.

The Senate Committee on Medical Qualifications unanimously supports this application for the use of Section 64. The Head of the Department of Pediatrics and Child Health, Dr. Terry Klassen considers, and the Senate Committee on Medical Qualifications agrees, that Dr. Sell is an excellent clinician and teacher, and will be an effective leader, based on his accomplishments as a clinical educator and the positive letters of support.

The Senate Committee on Medical Qualifications would appreciate your support for this application to the College of Physicians and Surgeons of Manitoba to grant Dr. Sell a certificate under the academic seal of the University.

Sincerely,

Sara J. Israels, MD FRCPC
Assistant Dean (Academic)
Chair, Senate Committee on Medical Qualifications

Cc: Dr. Terry Klassen, Head, Department of Pediatrics and Child Health
Dr. Brian Postl, Dean, College of Medicine
Dr. Anna Ziomek, Registrar, College of Physicians & Surgeons of Manitoba

/md

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 amended offers of awards that meet the published guidelines presented to Senate on November 3, 1999, and as thereafter amended by Senate. Where, in the opinion of the Committee, acceptance is recommended for new offers and amended offers which do not meet the published guidelines or which otherwise appear to be discriminatory under the policy on the *Non-Acceptance of Discriminatory Awards*, such offers shall be submitted to Senate for approval. (Senate, October 7, 2009)

Observations

At its meeting of January 13, 2015 the Senate Committee on Awards approved one new offer, eleven amended offers, and the withdrawal of three awards as set out in Appendix A of the *Report of the Senate Committee on Awards* (dated January 13, 2015).

Recommendations

On behalf of Senate, the Senate Committee on Awards recommends that the Board of Governors approve one new offer, eleven amended offers, and the withdrawal of three awards as set out in Appendix A of the *Report of the Senate Committee on Awards* (dated January 13, 2015). These award decisions comply with the published guidelines of November 3, 1999, and are reported to Senate for information.

Respectfully submitted,

Dr. Phil Hultin
Chair, Senate Committee on Awards

SENATE COMMITTEE ON AWARDS

Appendix A January 13, 2015

1. NEW OFFERS

Edwin Cohen Scholarship in Finance

Mr. Edwin Cohen will offer an annual scholarship for a five year period beginning in 2015-2016. The initial value of the scholarship will be \$1,500. The Jewish Foundation of Manitoba, which holds the capital used to generate the annual money for the scholarship, will confirm the scholarship value with the Financial Aid and Awards Office at the University of Manitoba on an annual basis. The purpose of the scholarship is to reward the academic achievement of a student studying finance in the I.H. Asper School of Business. The scholarship will be offered to an undergraduate student who:

- (1) is enrolled full-time (minimum 80% course load) in the fourth year of study of the B.Comm. (Hons.) program, with a declared major in finance, in the I.H. Asper School of Business of the University of Manitoba;
- (2) has achieved a minimum degree grade point average of 3.5;

At the end of the five-year commitment, the donor will confirm the continuation of the scholarship.

The Dean of the I.H. Asper School of Business (or designate) shall name the selection committee for this award.

2. AMENDMENTS

Archie Nunn Scholarship for Women's Soccer

The following amendments have been made to the terms of reference for the Archie Nunn Scholarship for Women's Soccer:

- The name of the award has been changed to the *Bison Women's Soccer Leadership Scholarship*.
- The preamble has been reworded to: *The family of Archie Nunn has established a scholarship to help recognize young women who exemplify the positive qualities of leadership, good sportsmanship, and a commitment to achieving excellence, both by playing soccer and in their everyday lives.*
- The numbered eligibility criteria have been updated to reflect current standards and now read:
 - (1) *is eligible to compete in Canadian Interuniversity Sport (CIS) and is a member of the University of Manitoba Women's Soccer team;*
 - (2) *is enrolled full-time, as defined by CIS regulations, in any faculty or school at the University of Manitoba;*
 - (3) *is enrolled in a minimum of 9 credit hours in their term of competition;*
 - (4) *has achieved:*
 - (a) *as an entering student, a minimum average of 80 percent 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.*
 - (5) *has demonstrated leadership and involvement within the soccer community in Manitoba.*
- The selection committee statement has been revised to:

The Chair of the selection committee will be the Athletic Director (or designate) from the Faculty of Kinesiology and Recreation Management and will include the Head Coach of the Bison Women's Soccer team (or designate).

- The standard Board of Governors statement has been added.
- The Canadian Interuniversity Sport statement has been revised to reflect current terminology.

Clayton H. Riddell Faculty of Environment, Earth, and Resources Graduate Initiative Prize

The following amendments have been made to the terms of reference for the Clayton H. Riddell Faculty of Environment, Earth, and Resources Graduate Initiative Prize:

- The purpose of the fund has been revised and now states:
... to recognize a graduate student who has demonstrated a commitment to voluntary service that has developed, built upon and/or contributed to a local, regional, national, or international initiative that serves the greater good.
- The numbered criteria have been revised to:
 - (1) *was enrolled full-time in the Faculty of Graduate Studies, in any Master's or doctoral program delivered by a unit in the Clayton H. Riddell Faculty of Environment, Earth, and Resources, in the year in which the award was tenable;*
 - (2) *has achieved a minimum degree grade point average of 3.0 (or equivalent) based on the last 60 credit hours of study;*
 - (3) *has by his/her significant voluntary service efforts and accomplishments developed, built upon and/or contributed to a local, regional, national, or international initiative that serves the greater good. Such initiatives may target specific populations (e.g. students, youth, the elderly), specific issues (e.g. global warming, poverty, resource exploration, environmental pollution), and/or specific outcomes (e.g. policy development).*
- The accompaniments for nominations now include a cover letter, a résumé or *curriculum vitae*, and two letters of recommendation.
- The following statements have been added:
 - *Completed nominations must be submitted to the attention of the Awards Secretary in the Dean's office of the Clayton H. Riddell Faculty of Environment, Earth, and Resources.*
 - *The Clayton H. Riddell Faculty of Environment, Earth, and Resources will notify the Financial Aid and Awards office by no later than March 31 in any year this award will not be offered.*
- The selection committee statement has been revised to:
The Vice Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Chair of the Awards and Honours Committee of the Clayton H. Riddell Faculty of Environment, Earth, and Resources (or designate) to convene the selection committee for this award.

Clayton H. Riddell Faculty of Environment, Earth, and Resources Undergraduate Initiative Prize

The following amendments have been made to the terms of reference for the Clayton H. Riddell Faculty of Environment, Earth, and Resources Undergraduate Initiative Prize:

- The purpose of the fund has been revised and now states:

... to recognize an undergraduate student who has demonstrated a commitment to voluntary service that has developed, built upon and/or contributed to a local, regional, national, or international initiative that serves the greater good.

- The numbered criteria have been revised to:
 - (1) *was enrolled full-time (minimum 80% course load) in the Clayton H. Riddell Faculty of Environment, Earth, and Resources, in any General, Advanced, Major, or Honours degree program in the year in which the award was tenable;*
 - (2) *has achieved a minimum degree grade point average of 3.0;*
 - (3) *has by his/her significant voluntary service efforts and accomplishments developed, built upon and/or contributed to a local, regional, national, or international initiative that serves the greater good. Such initiatives may target specific populations (e.g. students, youth, the elderly), specific issues (e.g. global warming, poverty, resource exploration, environmental pollution), and/or specific outcomes (e.g. policy development).*
- The accompaniments for nominations now include a cover letter, a résumé or *curriculum vitae*, and two letters of recommendation.
- The following statements have been added:
 - *Completed nominations must be submitted to the attention of the Awards Secretary in the Dean's office of the Clayton H. Riddell Faculty of Environment, Earth, and Resources.*
 - *The Clayton H. Riddell Faculty of Environment, Earth, and Resources will notify the Financial Aid and Awards office by no later than March 31 in any year this award will not be offered.*

Dave Curtis Award

The following amendments have been made to the terms of reference for the Dave Curtis Award:

- The name of the award has been changed to the *Dave Curtis Prize*.
- The fund type has been included in the preamble of the terms.
- The award terms have been changed to reflect that the Career Services Centre is a separate department from the Student Counselling Centre.
- The numbered criteria have been revised to:
 - (1) *were enrolled as part- or full-time students in any faculty, school, or college at the University of Manitoba in the year in which the prizes were tenable;*
 - (2) *have achieved:*
 - a) *for undergraduate students, a minimum degree grade point average of 3.0;*
 - b) *for graduate students, a minimum degree grade point average of 3.5 (or equivalent) based on the last 60 credit hours of study;*
 - (3) *have volunteered in Career Services at the University of Manitoba and have made exceptional contributions to the Centre.*
- The following statements have been added:
 - *To support criterion (3), nominations (maximum 250 words) will be invited from Career Services staff.*
 - *The value of the prizes may be adjusted in the final year the award is to be offered, based on the available funds.*

- *The prizes will first be allocated to eligible full-time students followed by eligible part-time students.*
- *The donor will notify the Financial Aid and Awards office by March 31 in any year this award is not to be offered.*
- The selection committee will be named by the Director of the Career Services Centre.

Great-West Life Student Athletic Award

The following amendments have been made to the terms of reference for the Great-West Life Student Athletic Award:

- The name of the award has been changed to the *Great-West Life Student Athletic Scholarship*.
- The number of awards has increased from one award to “at least two”.
- The maximum value of each award offered is \$3,000.
- The numbered criteria have been revised to:
 - (1) *are eligible to compete in Canadian Interuniversity Sport (CIS) and are members of a Bison team;*
 - (2) *are enrolled full-time (minimum 60% course load) in any faculty or school at the University at Manitoba;*
 - (3) *are enrolled in a minimum of 9 credit hours in the term of competition;*
 - (4) *have achieved:*
 - (i) *as continuing students, a minimum sessional grade point average of 3.0 on a minimum of 18 credit hours in his/her previous academic session at the University of Manitoba; or*
 - (ii) *as entering students, a minimum average of 80 percent on those high school courses used for admission to the University;*
 - (5) *have demonstrated involvement in community service activities.*
- The paragraph regarding the selection of teams that will be awarded the funds has been revised to:

The award will be offered to a student on a Bison Team that has been identified by the Athletic Director, following August 1st of each year, as the team that would benefit most from having this award presented to a student athlete on that team. Bison coaches are invited to submit a letter of application on why their team is in need of this award, as well as a letter of nomination for a student athlete from their team who meets the criteria for this award and would receive the award if their team is chosen.
- The selection committee will have the discretion to determine the number and value of awards based on the available funds each year.
- The selection committee will be chaired by the Athletic Director from the Faculty of Kinesiology and Recreation Management (or designate).

Helen Humphrey Ross Award of Excellence

The following amendments have been made to the terms of reference for the Helen Humphrey Ross Award of Excellence:

- The name of the award has been changed to the *Helen Humphrey Ross Prize of Excellence*.
- The prize amount has increased to \$300

- The numbered eligibility criteria have been revised and now read:
 - (1) *was enrolled full-time in the Faculty of Graduate Studies in the second year of the Master of Physical Therapy program at the College of Rehabilitation Sciences at the University of Manitoba;*
 - (2) *has achieved a minimum degree grade point average of 3.5;*
 - (3) *has achieved high standing in the following courses: Integrated Practice (currently numbered PT6250), Clinical Skills (currently numbered PT6120), and Professional Issues (currently numbered PT6260) in the first year of the program;*
 - (4) *was a student member of the Canadian Physiotherapy Association (CPA) in the first year of the program and continues to be a student member during the second year of the program.*
- The following statement has been added:
 - *The recipient of this prize may not hold other awards offered by the College Rehabilitation Sciences valued at over \$300 in the academic year in which this prize was tenable.*
- The selection committee statement has been revised to:
 - *The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Chair of the College of Rehabilitation Sciences Awards Committee (or designate) to name the selection committee for this award.*

Karen Hudson (Kowbel) Memorial Physiotherapy Award

The following amendments have been made to the terms of reference for the Karen Hudson (Kowbel) Memorial Physiotherapy Scholarship:

- The numbered eligibility criteria have been revised to reflect the Master of Physical Therapy program and new courses and now read:
 - (1) *is enrolled full-time in the Faculty of Graduate Studies in the second year of the Master of Physical Therapy program at the College of Rehabilitation Sciences;*
 - (2) *has achieved a minimum degree grade point average of 3.5;*
 - (3) *has achieved the highest average in Neuromusculoskeletal Conditions I and II (currently numbered PT 6221 and PT 6222) among those students who meet criteria (1) and (2).*
- The following statement has been added:
 - *The donor will contact the Financial Aid and Awards office by no later than March 31 in any year this award will not be offered.*
- The selection committee statement has been revised to:
 - *The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Chair of the College of Rehabilitation Sciences Awards Committee (or designate) to name the selection committee for this award.*

Laurel Maley Memorial Bursary

The following amendments have been made to the terms of reference for the Laurel Maley Memorial Bursary:

- The numbered eligibility criteria have been revised and now read:
 - (1) *is a Manitoba resident;*
 - (2) *is enrolled full-time in the Faculty of Graduate Studies in the Master of Physical Therapy*

program at the College of Rehabilitation Sciences;
 (3) *has achieved a minimum degree grade point average of 3.0;*
 (4) *demonstrates financial need on the standard University of Manitoba bursary application form.*

- The selection committee statement has been revised to:
 - *The selection committee shall be named by the Chair of the College of Rehabilitation Sciences Awards Committee (or designate).*
- The definition of Manitoba residency has been added.
- The standard Board of Governors statement has been added.

MPha / William G. Eamer Graduate Scholarship in Pharmacy

The following amendments have been made to the terms of reference for the MPha / William G. Eamer Graduate Scholarship in Pharmacy:

- The name of the award has been changed to the *William G. Eamer/College of Pharmacists of Manitoba Graduate Scholarship*.
- All references to the Manitoba Pharmaceutical Association (MPhA) have been revised to *College of Pharmacists of Manitoba (CPhM)*.
- All references to the Faculty of Pharmacy have been revised to *College of Pharmacy*.
- Priority towards Master's vs. Ph.D. students will normally alternate each year.
- The selection committee statement has been revised to:
The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Graduate Studies Chair of the College of Pharmacy to name the selection committee for this award. The selection committee will include a representative from the College of Pharmacists of Manitoba.
- The standard Board of Governors statement has been added.

William G. Eamer / Manitoba Pharmaceutical Association Scholarship for Student Excellence in Pharmacy

The following amendments have been made to the terms of reference for the William G. Eamer / Manitoba Pharmaceutical Association Scholarship for Student Excellence in Pharmacy:

- The name of the award has been changed to the *William G. Eamer/College of Pharmacists of Manitoba Undergraduate Scholarship*.
- All references to the Manitoba Pharmaceutical Association (MPhA) have been revised to *College of Pharmacists of Manitoba (CPhM)*.
- All references to the Faculty of Pharmacy have been revised to *College of Pharmacy*.
- The biographical information was excised and moved to a separate section.
- The standard Board of Governors statement has been added.

Military Personnel Bursary

The following amendments have been made to the terms of reference for the Military Personnel Bursary:

- The number and value of the bursary has increased (to two bursaries valued at \$500 each).
- The following statements have been added:
 - *In the years when there is not more than one eligible applicant, one bursary valued at \$1,000 will be awarded.*
 - *The selection committee will have the discretion to determine if one award of \$1,000 or two awards of \$500 shall be offered each year based on the number of applicants.*
 - *The donor will contact the Financial Aid and Awards office by no later than March 31 in any year this award will not be offered.*

3. WITHDRAWALS

Coca-Cola Bottling Award and Coca-Cola Bottling Scholarship

These awards are being withdrawn from the University of Manitoba's awards program at the request of the donor.

Deanna B. Cohen Bursary

This award is being withdrawn from the University's awards program at the request of the donor, and replaced with the Edwin Cohen Scholarship in Finance.



UNIVERSITY
OF MANITOBA

OFFICE OF THE
VICE-PRESIDENT (RESEARCH
AND INTERNATIONAL)

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MEMORANDUM

TO: Mr. Jeff Leclerc, University Secretary

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

DATE: January 19, 2015

SUBJECT: Report on Research Contract Funds Received

COPIES: Dr James Blatz, Associate Vice President (Partnerships)
Dr. Gary Glavin, Associate Vice-President (Research)

Attached is the Report on Research Contracts Received for the period July 1, 2014 to December 31, 2014. Please include the report for information on the next Senate agenda.

Thank you.

DSJ/nis

Attach.

Research Contract Funds Awarded (over \$20,000)
ORS Processed Date: July 1, 2014 to December 31, 2014

Faculty	PI Name	Dept	Sponsor	Awarded Amount	Project Title
Faculty of Agricultural and Food Sciences	Brewin, Derek	Agribusiness & Agricultural Economics	Manitoba Corn Growers Association	14,375	Corn end users
	Brule-Babel, Anita	Plant Science	Canadian Seed Growers' Association	50,000	Evaluation and analysis of crop inspection procedures to maintain genetic purity in pedigreed seed
	Entz, Martin	Plant Science	Dalhousie University	33,100	Optimizing green manure and fertility management for organic cereal production
	Entz, Martin	Plant Science	Dalhousie University	65,711	Organic oat breeding
	Entz, Martin	Plant Science	Dalhousie University	156,579	Participatory plant breeding and seed production approaches for Canadian organic crop production
	Entz, Martin	Plant Science	Dalhousie University	37,324	Restoring yield productivity and C sequestration in organic farming systems on the Prairies: The role of composted manure in long-term studies
	Entz, Martin	Plant Science	Manitoba Organic Alliance	83,700	Crop management for high quality organic seed production
	Flaten, Donald	Soil Science	Manitoba Livestock Manure Management Initiative Inc	326,255	Agronomic evaluation of separated manure solids applied as fertilizers and soil amendments under Manitoba conditions
	Flaten, Donald	Soil Science	Manitoba Livestock Manure Management Initiative Inc	99,947	Long term nutrient management BMPs for manure applied to annual and perennial crops
	Gulden, Robert	Plant Science	Flax Council of Canada	23,000	Optimizing integrated weed management in flax crops
	Khafipour, Ehsan	Animal Science	Manitoba Livestock Manure Management Initiative Inc	100,234	Porcine Epidemic Diarrhea Virus (PEDV) spread and survivability: Lagoon testing
	Lawley, Yvonne	Plant Science	Manitoba Pulse Growers Association	137,232	Soybean residue management
	Lawley, Yvonne	Plant Science	Western Grains Research Foundation	68,617	Soybean residue management
	Slominski, Bogdan	Animal Science	Canadian Poultry Research Council	320,000	Development of an enzyme/yeast-based prebiotic for poultry
	Stasolla, Claudio	Plant Science	Manitoba Corn Growers Association	23,000	Corn physiology for flooding survival
Faculty Total:				1,539,074	
Faculty of Arts	Ivanco, Tammy	Psychology	True Patriot Love	25,000	Perceived stress management during a North Pole expedition
	Mackenzie, Corey	Psychology	Manitoba Liquor & Lotteries Corporation	20,000	Substance-use as a moderator in the relationship between social anxiety disorder and pathological gambling
Faculty Total:				45,000	

Faculty	PI Name	Dept	Sponsor	Awarded Amount	Project Title
Faculty of Engineering	Alfaro, Marolo	Civil Engineering	Poly-Mor Canada Inc.	50,000	Mechanical and thermal characteristics of reinforced polymer base for road embankment applications
	Stadnyk, Tricia	Civil Engineering	Environment Canada	23,000	Setup of the WATFLOOD model for the Nelson-Churchill River Basin
	Faculty Total:			73,000	
Faculty of Environment, Earth and Resources	Elias, Robert	Geological Sciences	Natural Resources Canada (NRCAN)	35,478	Stratigraphy and sedimentology of upper Ordovician-middle Devonian Strata, Hudson Bay and James Bay Lowlands, Northern Manitoba and Ontario
	Fayek, Mostafa	Geological Sciences	Natural Resources Canada (NRCAN)	49,450	Thermochronology of alteration minerals associated with uranium and sulphide mineralization from the Thelon orogenic zone
	Faculty Total:			84,928	
Faculty of Human Ecology	House, James	Human Nutritional Sciences	Manitoba Agri-Health Research Network (MAHRN)	30,000	Canadian Climate Advantage (CCAD) validation
	Lengyel, Christina	Human Nutritional Sciences	University of Waterloo	74,623	Making the most of mealtimes (M3): Determinants of food intake in long term care
	Slater, Joyce	Human Nutritional Sciences	Manitoba Agri-Health Research Network (MAHRN)	25,000	Canadian climate advantage (CCAD) validation - review of models to support validation of youth nutrition
	Faculty Total:			129,623	
Faculty of Kinesiology and Recreation Management	Duhamel, Todd	Kinesiology and Recreation Management	St. Michael's Hospital	42,562	The PREHAB study - pre-operative rehabilitation for reduction of hospitalization after coronary bypass and valvular surgery
	Faculty Total:			42,562	
Faculty of Medicine	Beer, Darcy	Pediatrics and Child Health	Hospital For Sick Children Research Institute	126,157	Magnesium nebulization utilization in management of pediatric asthma - Magnum PA
	Crockett, Maryanne	Centre for Global Public Health (CGPH)	Gates (Bill and Melinda) Foundation	7,312,825	Improved quality of community and low level facility management of childhood pneumonia and diarrhea in Uttar Pradesh
	Elias, Brenda	Community Health Sciences	Manitoba Liquor & Lotteries Corporation	450,000	The role of nutrition in the prevention of FASD
	Fernyhough, Paul	Pharmacology and Therapeutics	University of California, San Diego	144,897	Cholinergic constraint and diabetic neuropathy

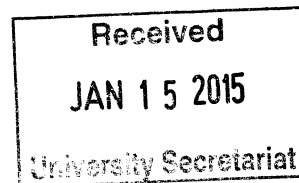
Faculty	PI Name	Dept	Sponsor	Awarded Amount	Project Title
Faculty of Medicine, cont'd.	Fowke, Keith	Medical Microbiology	University of Manitoba	45,000	The Canadian HIV Cure Enterprise (CanCURE)
	Freed, Darren	Physiology	University of Alberta	25,630	Canadian national transplant research program: Increasing donation and improving transplantation outcomes
	Halayko, Andrew	Physiology	Ottawa Hospital Research Institute	500,000	The Canadian Respiratory Research Network: Origins and progression of airway disease
	Wall, Donna	Pediatrics and Child Health	Multiple Sclerosis Scientific Research Foundation	60,000	Mesenchymal stem cell transplant: A potential cell-based treatment for inflammatory forms of MS
			Faculty Total:	8,664,509	
Faculty of Pharmacy	Alessi-Severini, Silvia	Pharmacy	Merck Canada Inc.	75,575	Assessment of health and economic burden of Herpes Zoster in Manitoba: A population-based study
	Xu, Wayne	Pharmacy	Canadian Breast Cancer Foundation - Prairies/NWT Region	130,583	Transitional study of gene expression biomarkers signature for breast cancer
			Faculty Total:	206,158	
Faculty of Science	Van Lierop, Johan	Physics and Astronomy	Toyota Motor Engineering & Manufacturing North America Inc.	40,000	Multi-phase strong permanent nanocomposite magnet
	Whyard, Steven	Biological Sciences	Monsanto Canada Inc	325,710	RNA interference technologies to protect crop plants
			Faculty Total:	365,710	
I. H. Asper School of Business	Porth, Lysa	Warren Centre for Actuarial Studies and Research	Agriculture and Agri-Food Canada	500,000	AAFC-Agricultural risk management and insurance research - Guy Carpenter professorship
			Faculty Total:	500,000	
Vice-President's Office (Research & International)	Jayas, Digvir	Vice-President's Office (Research & International)	Canadian Bureau for International Education	27,500	Emerging Leaders of the Americas 2014/2015
	Jones, Peter	Richardson Centre for Functional Foods and Nutraceuticals	TM Therapeutics	145,500	Validating the "Foods for Health" portfolio of functional food products: Effects on lipid management and blood glucose in individuals intolerant of statin (HMG-CoA reductase inhibitor) therapy
	Jones, Peter	Richardson Centre for Functional Foods and Nutraceuticals	University of Toronto	32,000	Field feeding research
			Faculty Total:	205,000	
			Total funds from contracts over \$20,000 awarded	11,855,564	



UNIVERSITY
OF MANITOBA

Office of the Vice-President
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MEMORANDUM

TO: Jeff Leclerc, University Secretary

FROM: Susan Gottheil, Vice-Provost (Students)

DATE: January 15, 2015

RE: **Proposed Admission Targets**

Attached are the proposed admissions targets for programs for Fall 2015. There are no significant changes from this academic year. However the table does reflect our organizational changes in the Faculties of Health Sciences, Agricultural and Food Sciences and Human Ecology.

I would appreciate you providing a copy of this document to members of Senate and the Board of Governors for information.

SMG:md

Attachment

Summary of Undergraduate Admission Targets

9-Jan-15

Program	2014-15 Target	2015-16 Target
Faculty of Agricultural & Food Sciences		
Agricultural & Food Science (Degree)*	165	165
Human Nutritional Sciences (Degree)	-	90 - See note 1
Agriculture (Diploma)*	85	85
Internationally Educated Agrologists	15	15
Faculty of Architecture		
Environmental Design	100	100
Faculty of Arts*		
Arts (Degree)	open	open
Arts (Degree) - Integrated Studies	open	open
Asper School of Business*		
Management (Degree)	420	420
Faculty of Education		
Education After Degree (Early)	70	70
Education After Degree (Middle)	70	70
Education After Degree (Senior)	140	140
Education After Degree (Weekend)	35 - See note 2	35 - See note 2
Faculty of Engineering		
Engineering*	336	346
Engineering - Internationally Educated Engineers	25	25
CHR Environment, Earth & Resources*		
Environment, Earth & Resources (Degree)	120	120
School of Art		
School of Art: Diploma*	15	15
School of Art: Degree*	100	100
School of Art: Art History	15	15
Faculty of Health Sciences		
Health Studies (Degree)	-	25 - See note 3
Health Sciences (Degree)	-	25 - See note 3
College of Dentistry		
Dentistry (Degree)	29	29
Dentistry - International Dentist Degree	6	6
School of Dental Hygiene		
Dental Hygiene*	26	26
Dental Hygiene - Degree Completion	3	3
College of Rehabilitation Sciences		
Respiratory Therapy (Degree)	16	16
College of Medicine		
Medicine	110	110
Family Social Sciences	-	80 - See note 4
College of Nursing		
Nursing (Degree)	240	240 - See note 5
College of Pharmacy		
Pharmacy (Degree)	60	55
Faculty of Human Ecology*	260	-
Faculty of Kinesiology & Rec Management		
B Kin (AT)	24	24
B Kin*	65	65
B P E*	35	35
B RM & CD*	40	40
Faculty of Law		
Law (Degree)	104	106
Marcel Desautels Faculty of Music		
Music*	60	60
Music - Jazz Studies*	15	15

Faculty of Science*		
Science (Degree)	Target under development - See note 6	Target under development - See note 6
Faculty of Social Work		
Social Work (on campus)	75	75
Social Work - Distance Delivery	100	100
Social Work - Inner City	60	60
Social Work - Northern External	10	10
Social Work - Northern Program	35	35

Programs with an asterisk have a direct entry option

Notes:

1. The Human Nutritional Sciences target is based on admission trends in Human Ecology over the past 2 years. HNS has both a September and January intake.
2. One intake every three years.
3. The target is based on the admission trends in Health Sciences and Health Studies in Human Ecology over the past 2 years. These programs are a collaboration between the Faculty of Arts, the Faculty of Science, and the Faculty of Health Sciences.
4. The target is based on admission trends in Family Social Sciences in Human Ecology over the past 2 years.
5. Effective September 2015, Nursing will have a Fall and Winter intake, 120 seats will be available in each intake.
6. Science does have a cap of between 1200 & 1500; however, this is an older figure and discussions are required prior to finalizing the target.



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MEMORANDUM

DATE: January 28, 2015

TO: David Barnard, Chair of Senate

FROM: Jeff M. Leclerc, University Secretary 

SUBJECT: ***APPROVAL OF MOTION, Board of Governors MEETING –
January 27, 2015***

At its meeting on January 27, 2015, the Board of Governors approved the following motions:

THAT the Board of Governors approve two new offers and one amended offer, as set out in Appendix A of the Report of the Senate Committee on Awards – Part A [dated September 2, 2014].

THAT the Board of Governors approve six new offers, one amended offer, and the withdrawal of four offers, as set out in Appendix A of the Report of the Senate Committee on Awards – Part A [dated November 13, 2014].

THAT the Board of Governors approve the closure of the Master of Mathematical, Computational and Statistical Sciences program, effective immediately [as recommended by Senate, December 3, 2014].

THAT the Board of Governors approve the revised policy on Naming of Academic Units [as recommended by Senate, January 7, 2015].

Copy: D. Jayas, Vice-President (Research & International)

JML/sf



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Date: January 20, 2015
To: Stefi Baum, Dean, Faculty of Science
From: Joanne C. Keselman, Vice-President (Academic) and Provost
Subject: **Program Approval - Concentration in Inorganic Chemistry**

At its meeting of December 3, 2014, the University of Manitoba Senate approved the proposal by the Faculty of Science to offer a 27 credit hour concentration in Inorganic Chemistry beginning in 2015/2016. The concentration will be offered through the Honours and Major degree programs in Chemistry.

I hereby approve the implementation of the concentration in Inorganic Chemistry effective the Fall 2015 term. As stipulated in the proposal, this implementation will involve no additional resources.

cc. Jeff Adams, Executive Director, Enrolment Services
Cassandra Davidson, Undergraduate Program Analyst
Jeff Leclerc, University Secretary
Thelma Lussier, Executive Director, Institutional Analysis
Neil Marnoch, Registrar
Michelle Piercey-Normore, Associate Dean, Faculty of Science

PRESIDENT'S REPORT: March 4, 2015

GENERAL

The University of Manitoba now has produced 98 Rhodes Scholars, more than any university in Western Canada. Faculty of Arts graduate Alexa Yakubovich is the recipient of a Rhodes Scholarship for 2015. Alexa has done undergraduate and postgraduate research in a variety of fields, including gender studies, belief systems, cancer, heart disease and HIV/AIDS. She is currently working with Katherine Starzyk of the Social Justice Laboratory and with the Centre for Human Rights Research, on strategies to improve water and sanitation services for First Nations in Canada. When she returns to Oxford this winter, her focus will be on improving child well-being in socially disadvantaged communities, specifically how social disadvantage compounds child health problems, studying HIV-positive adolescents in low-income South African communities.

In follow up to the November 2014 message to the University of Manitoba community about the need for fiscal restraint heading into the 2015/16 budget year and beyond, the University's financial situation was the topic of a presentation and discussion at Senate on January 7, 2015 and at a Town Hall on January 21, 2015. The University will be continuing to share information on the process and encourage dialogue with and input from the community. The University of Manitoba is in the early stages of its annual resource allocation process. Budget submissions from units are being reviewed and a proposed budget will be presented to the Board of Governors in May, 2015.

The University of Manitoba hosted Open Doors, Open Knowledge: Big Ideas for Better Business in support of AUCC's national campaign. The event showcased and celebrated successful partnerships between University of Manitoba researchers and businesses. Paul Soubry, President and CEO of New Flyer Industries Inc., delivered the keynote speech. The event was attended by leaders in the business community, faculty, researchers, students and staff.

The Council of Presidents of Universities in Manitoba (COPUM) continues to meet regularly to pursue avenues for cooperation and collaboration among Manitoba universities. Four working groups (articulation, Indigenous education, Campus Manitoba and Operational/Administrative) have finalized their terms of reference and have begun to develop specific options to be considered.

In recent weeks, I have met with both the Honourable Greg Dewar, Minister of Finance and with the Honourable Greg Selinger, Premier, as part of the University's ongoing process of engagement with the provincial government.

ACADEMIC MATTERS

- Neil Holliday, professor emeritus in entomology, has been elected second vice-president of the Entomological Society of Canada.
- Rotimi Aluko, human nutritional sciences, was recently appointed Associate Editor for the Journal of Functional Foods.

- Crystal Jorgenson, agricultural and food sciences communications, was named as Canadian Agri-Marketing Association (CAMA) Manitoba's Honour Roll recipient at the 2014 Canadian Agri-Marketing Association national awards gala in November.
- Randall Jamieson, psychology, was elected President of the Society for Computers in Psychology.
- Glen McCabe, education, received the first ever Outstanding Role Model Award from The Westland Foundation.
- Vaclav Smil, Distinguished Professor Emeritus, environment and geography, received the Organization of the Petroleum Exporting Countries (OPEC) Award for Research in recognition of his work on global oil and energy problems.
- John Page, physics and astronomy, was elected a Fellow of the American Physical Society.
- Kelly Beaulieu, agricultural and food sciences alumna and founder of Canadian Prairie Garden Purees, attended the Canadian Aboriginal and Minority Business Council awards gala in Toronto to receive the Canadian Advanced Technology Alliance (CATA) Technology Innovation Award, which is awarded to an Aboriginal or minority-owned business for the most innovative new technology-based product or service.
- Myron and Jill Krahn, agricultural and food sciences alumni, have been recognized as Canada's Outstanding Young Farmers for 2014. The program is designed to recognize young farmers that exemplify excellence in their profession. The Krahns grow corn, soybeans, cereals and grass seed on their farm near Carman and they also run a seed dealership, specializing in corn seed.
- Lorisa Dubuc, computer science alumna, has been recognized on the World Council and Assembly on Cooperative Education's Co-op Wall of Fame. Lorisa has combined industry roles (MOO Print, IBM, Google, Citrix) with research as a PhD in human computer interaction at the University of Cambridge. Supported by prestigious scholarships including Boeing and NSERC she is combining two passions from her undergraduate degree – Computer Science and Psychology – to dedicate her PhD work to Alzheimer's patients, innovating in design research and technology to improve quality of life for those with dementia and their caregivers. Her strategic research at Google produced the first stages of the framework, which became 'Circles' in Google+. Co-op was a factor in her success and she promotes it at every opportunity.
- A team from the department physics and astronomy, managed to capture a video image of an asteroid passing in front of a star, at the Glenlea Astronomical Observatory south of Winnipeg. The astronomical event, called an occultation, is rare and difficult to observe, and the astronomers' ability to observe it required a great deal of skill — so much skill that the international astronomy Sky and Telescope magazine profiled their work online.
- Alana Roberts, political studies student, won the Sybil Shack Human Rights Youth Award which recognizes the work of a person or group of people, 25 years old and under, that has had an impact on the advancement of human rights as guaranteed in the Canadian Charter of Rights and Freedoms and human rights legislation in Manitoba.

- Anna Liu, science student, received one of four prestigious Fessenden Trout Scholarships administered by the Association of Universities and Colleges of Canada.
- Dentistry was named the winner of the 2015 William J. Gies Award for Outstanding Innovation – Academic Dental Institution by the ADEAGies Foundation, an arm of the American Dental Education Association (ADEA). Individuals and organizations from around the world compete for the annual Gies Awards, which honour outstanding commitment to dental education, research and leadership. The College of Dentistry is receiving the Gies Award for an innovative curriculum project: Oral-Systemic Health Education for Non-Dental Healthcare Providers, launched by its International Centre for Oral-Systemic Health (ICOSH).
- The Faculty of Health Sciences unveiled their Canada Research Chair honor wall at Bannatyne Campus. The wall has brought much positive attention to the important role of research within the faculty and at the University of Manitoba.
- In 2013, the then Faculty of Medicine was the first such faculty in Canada to partner with Habitat for Humanity and in 2014, the new Faculty of Health Sciences completed its second build. The “Habitat for Humanity Build Key Ceremony” in December was meaningful, beginning with a traditional smudge and the key presentation to the Indigenous partner family (a single mother and three children.)
- Physics and Astronomy Days were held on November 29, 2014 and 45 high school students from select schools with an interest in physics and astronomy were invited to campus. They spent the day being exposed to learning opportunities in areas such as medical imaging, cosmic imaging, seeing the invisibles with microwaves, twisting light-polarizations, to name just a few. The day included a presentation on careers in physics, and tours of the facilities and research laboratories.

RESEARCH MATTERS

- MP Rod Bruinooge, on behalf of Agriculture and Agri-food Canada Minister Gerry Ritz, announced funding of \$500,000 over five years to the Guy Carpenter Professorship in Agricultural Risk Management and Insurance recipient, Lysa Porth (I.H. Asper School of Business) on November 14, 2014. The project has been funded under AgriRisk Initiatives, research and development stream which is aimed at increasing the availability of risk management tools for the agricultural sector. The research conducted by the Guy Carpenter Professorship will add tremendous value to the agricultural sector in Canada by contributing to innovative risk management policy.
- The Women’s Executive Network named two U of M women among Canada’s Most Powerful Women Top 100 for 2014: Zahra Moussavi (Engineering) and Tracy Dahl (Desautels Faculty of Music). These awards celebrate the professional achievements of strong female leaders across the country in the private, public and not-for-profit sectors. Dahl was recognized in the BMO Arts and Communications category and Moussavi in the SunLife Financial Trailblazers and Trendsetters category.

Canada's premiere coloratura soprano Dahl has appeared throughout her career with the Metropolitan Opera, Canadian Opera Company, Teatro alla Scala (Milan) and the Théâtre du Châtelet (Paris), among many others. In 2009, Dahl was honoured with the Ruby Award by Opera Canada for outstanding achievements on stage. She has received two Juno nominations for *Glitter and Be Gay* with the Calgary Philharmonic and *Rhymes and Reveries*, both for the CBC label. Dahl has also developed as one of Canada's finest voice teachers, producing some of Canada's best young talent. Her students' successes have taken them to stages in Canada, Holland, Italy, Germany, China and the United States, including the Metropolitan Opera, where this past year her student Andriana Chuchman made her debut. Dahl's ability to bring out the very best in her students has proven to be among the finest of her many accomplishments.

Zahra Moussavi is known for her research in two major diseases: Obstructive sleep apnea and Alzheimer's. Her work has not only resulted in novel technologies, but is also directly applied and practiced for diagnosis and treatment. As a full professor at the U of M, as well as a Canada Research Chair in Biomedical Engineering, she has served as a role model, particularly for her female students. Since her time here, she has created the Biomedical Engineering Graduate Program, now serving as its director, and started research that has led to the establishment of three major laboratories. Moussavi is a recipient of the Women of Distinction Award in Science and Technology (2014) from the YMCA-YWCA and Manitoba Government. She has also received the title of IEEE Engineering in Medicine & Biology Society distinguished lecturer.

- A blessing ceremony was held on November 5, 2014 to prepare the historic Chancellor's Hall to become the first home of Canada's National Research Centre for Truth and Reconciliation (NRCTR). Elder Swain was assisted in the ceremony by Elders Sylvia Genaille, Harry Bone and Carl Stone as prayers, hopes and good wishes were offered for the Centre's work going forward. Participants were President David T. Barnard and other university representatives, Centre Director Ry Moran, partners, friends and supporters, members of the Centre's Governing Circle, and the Centre's small staff – mostly students from the University's archival studies program.

On November 26, 2014 the members of the inaugural Governing Circle of the NRCTR were announced by Director Ry Moran. The seven-member Governing Circle is comprised of: three members representing Survivors, their families or descendants (one First Nations, one Inuit and one Métis); two members from NRCTR partner organizations and two members from the University of Manitoba. The members are: Eugene Arcand, Andrew Carrier, Dr. Catherine Cook, Grand Chief Edward John (Akile Ch'oh), Gregory Juliano, Jennifer Watkins and Dr. Cynthia Wesley-Esquimaux.

The NRCTR **English: umanitoba.ca/nrctr and Français: umanitoba.ca/cnrvr websites were also launched.**

- Ninety-three projects received \$6,085,031 in funding from various sources. Those projects over \$25,000 are as follows:

PI	Sponsor	Title	Awarded
Ayele, Belay (Plant Science)	Manitoba Pulse Growers Association	Mitigating the deleterious effects of excessive soil moisture on the productivity of pulse crops through seed treatment	\$80,000

Ball, Terry (Blake) (Medical Microbiology)	University of Washington	Quantifying the impact of genital mucosal inflammation on HIV-1 acquisition risk	\$190,136
Becker, Marissa (Centre for Global Public Health (CGPH))	CIHR	Estimating female sex workers' early HIV risk and the implications for HIV epidemic control: A multi-country observational and mathematical modeling study	\$337,568
Burgener, Adam (Medical Microbiology)	University of Louisville	Griffithsin-based rectal microbicides for prevention for viral entry (PREVENT)	\$106,169
Burgener, Adam (Medical Microbiology)	CIHR	Investigating the role of mucosal biomarkers associated with HIV infection risk in the CAPRISA-004 clinical trial	\$100,000
Chochinov, Harvey (Psychiatry)	CancerCare Manitoba	Dignity management in palliative care and the development of the Dignity Caregiving Assessment Scale (DCAS)	\$36,750
Chochinov, Harvey (Psychiatry)	Manitoba Health Research Council	Dignity management in palliative care and the development of the Dignity Caregiving Assessment Scale (DCAS)	\$36,750
Cicek, Nazim (Biosystems Engineering)	Rosser Holsteins Ltd	Evaluation of a bedding recovery unit for dairy farm application at Rosser Holsteins Ltd. - summer and fall operation	\$50,000
Comack, Agnes (Sociology)	Canadian Centre for Policy Alternatives (CCPA)	Pathways out of crime and violence	\$37,300
Dolinsky, Vernon (Pharmacology and Therapeutics)	CIHR	Adiponectin in gestational diabetes and the development origins of disease	\$503,599

Durrant, Joan (Family Social Sciences)	SSHRC	Mobilizing social science and humanities knowledge to reduce violence against children around the world	\$58,300
Entz, Martin (Plant Science)	International Development Research Centre (IDRC)	Ecological approaches to ensuring food security: A learning platform for understanding and advancing conservation agriculture in Africa and Asia	\$60,000
Friel, James (Human Nutritional Sciences)	Lallemand Health Solutions, Inc.	Assessment of safety and efficacy of Bifidobacterium longum subp. Infantis R0033 use in premature infants	\$71,406
Goertzen, Andrew (Radiology)	NSERC Idea to Innovation (I2I)	Extended field of view detectors for a MRI compatible positron emission tomography imaging system	\$125,000
Hayglass, Kent (Dean's Office - Faculty of Medicine)	CIHR	Md/PhD program grant (starting in 2013-14)	\$132,000
Hossain, Ekram (Electrical and Computer Engineering)	NSERC Collaborative Research & Development (CRD)	Radio resource management for spectrum and energy efficient design of 5G networks	\$170,500
House, James (Human Nutritional Sciences)	NSERC Engage	Assessment of novel Algal Biomass streams for their potential to enrich eggs with Bioactive Carotenoids	\$25,000
Hryshko, Larry (Physiology)	Heart & Stroke Foundation of Manitoba	Mechanistic studies of novel sodium-calcium exchange inhibitors	\$100,000
Jackson, Alan (Internal Medicine)	University Medical Group	Rabies virus - induced mitochondrial dysfunction	\$40,000
Jackson, Alan (Internal Medicine)	Research Manitoba	Rabies virus - induced mitochondrial dysfunction	\$40,000

Johnson, Jay (Kinesiology and Recreation Management)	SSHRC	Transforming the Canadian sport culture: A national study of gender, race, sexuality and violence in sport hazing as barriers to sport participation	\$138,955
Keynan, Yoav (Internal Medicine)	Association of Medical Microbiology and Infectious Disease Canada (AMMI)	Emmonsiosis: Optimizing diagnostics, and an investigation into risk factors and burden of disease	\$70,000
Keynan, Yoav (Internal Medicine)	University of British Columbia	Assessment of the effect of geographical distance between Canadian HIV-infected individuals and their care providers on treatment adherence and virologic suppression	\$55,000
Leslie, William (Internal Medicine)	Research Manitoba	Improving assessment of fracture risk with DXA-based finite element modeling: Large-scale technical and clinical validation	\$65,000
Lorway, Robert (Centre for Global Public Health (CGPH))	SSHRC	Philanthrocapitalism, sociality and citizenship in B&M Gates foundation interventions	\$386,080
Mansouri, Behzad (Internal Medicine)	University Medical Group	Visual functional connectivity in amblyopia before and after binocular and/or TMS treatment	\$26,000
Martin, Donna (Nursing)	CIHR	A critical ethnography examining Little Saskatchewan First Nation community members' experiences of induced displacement: Promoting Pimachiwiin	\$100,000
McGavock, Jonathan (Pediatrics and Child Health)	CIHR	Muscle Strength and Myokines: Novel Factors for Metabolic Disease in Overweight Youth?	\$135,000
McGavock, Jonathan (Pediatrics and Child Health)	University of British Columbia	Muscle Strength and Myokines: Novel Factors for Metabolic Disease in Overweight Youth?	\$30,000

McKenna, Sean (Chemistry)	Research Manitoba	Investigating the regulatory role of an RNA-quadruplex helicase, RHAU, on telomerase activation	\$65,000
McPhail, Deborah (Community Health Sciences)	CIHR	Reproducing stigma: Obesity and women's experiences of reproductive care	\$230,130
Ng, Koi Yu Adolf (Supply Chain Management)	SSHRC	The warming of the North: Challenges and opportunities for Arctic transportation, supply chain management and economic development	\$32,020
Norman, Moss (Kinesiology and Recreation Management)	SSHRC	An intergenerational examination of indigenous physical cultures and masculinities in Fisher River Cree Nation	\$73,904
Plaizier, J. C. (Kees) (Animal Science)	Dairy Farmers of Manitoba	Optimizing phosphorous utilization and bedding management to enhance environmental sustainability, cow health and food safety on Manitoba dairy farms	\$217,505
Rockman-Greenberg, Cheryl (Pediatrics and Child Health)	Children's Hospital Foundation of Manitoba Inc.	Comparison of the effect of a novel starch (Glycosade) versus gastronomy tube-dextrose infusion on overnight euglycaemia control in children with glycogen storage disease type 1: Open label demonstration trial	\$26,498
Sepehri, Nariman (Mechanical and Manufacturing Engineering)	NSERC Engage	Physical-virtual surgical training and evaluation robotic platform	\$25,000
Sepehri, Nariman (Mechanical and Manufacturing Engineering)	NSERC Engage	Robotic wrist to facilitate high resolution gamma imaging	\$25,000
Shafai, Lot (Electrical and	NSERC Engage	Miniaturization of multi-arm multi-mode spiral antennas for	\$25,000

Computer Engineering)		GPS applications	
Slater, Joyce (Human Nutritional Sciences)	Heart & Stroke Foundation of Manitoba	Identifying critical food literacy competencies for preventing obesity in Manitoba youth: A delphi study	\$77,552
Tenuta, Mario (Soil Science)	Canadian Fertilizer Institute	CFI 2014 pre-GF2 project	\$44,100
Wicklow, Brandy (Pediatrics and Child Health)	Children's Hospital Foundation of Manitoba Inc.	Genetic and environmental influences on development of type 2 diabetes in childhood: The next generation longitudinal birth cohort	\$50,000
Yao, Xiao-Jian (Medical Microbiology)	Canadian Foundation for AIDS Research (CANFAR)	Investigation of a role of PKC412 in reactivating HIV latency and underlying mechanisms	\$25,000
Yuan, Qiuyan (Civil Engineering)	NSERC Engage	Evaluation and enhancement of UltraZyme AquaCulture (UZAC) performance to reduce algal bloom	\$25,000

ADMINISTRATIVE MATTERS

- The University's participation in the Manitoba Hydro Power Smart for Business program earned the business recognition as an Efficiency Partner and received a Commercial Building Envelope Program incentive cheque for \$68,457.00 from Manitoba Hydro for the efficiency upgrades to the Frank Kennedy roof replacement and St. John's College lower roof replacement.
- The Faculty of Architecture and Campus Planning Office hosted a "Coming to a Common Place: Indigenous Peoples and Urban Design" Symposium on November 18-19, 2014. The event featured international and local indigenous planners/designers whose presentations focused on indigenous values in the design and planning process. Event participants including local elders and senior indigenous advisors drafted a series of indigenous design and planning principles. The Visionary (re)Generation consultant team also participated in the dialogue to ensure the design principles are integrated into the campus planning process.

EXTERNAL MATTERS

- For the period of April 1, 2014 to January 8, 2015, the University has raised \$32,523,316.08 for the 2014/2015 fiscal year. As of this date, we have raised \$14.8 million more in our current fiscal year, as compared to last fiscal year.
- Significant gifts and activities in the last reporting period include:
 - Tony Lau made a gift of \$100,000 to establish two endowments in support of scholarships in the Faculty of Arts.
 - Dr. Stan Cheung made a pledge of \$150,000 designated to the Department of Animal Science.
 - A gift of \$107,570.00 was received from the estate of Dr. Hugh J. Anderson. This brings the total amount received to \$934,570.00 which will be directed to the Hugh J. Anderson Graduate Award in Chemistry Scholarship.
 - A gift of \$546,540.14 was received from the estate of Mrs. Irene (Bilous) Lewis. This brings the total amount received to \$646,940.14 which will be directed to the Dr. Roman Bilous Scholarship in the College of Pharmacy which Mrs. Lewis established in memory of her brother.
 - Cameron McVeigh has made a commitment of \$200,000 in support of Asper School classroom redevelopment.
- The first annual University of Manitoba #WeekofThanks took place November 10 through 15 with the objective of thanking donors and educating students and staff on the impact of philanthropy. The week kicked off with nearly 1,000 paper tags placed across campus indicating the widespread support of donors. Thank-a-Donor booths saw over 450 participants, pancake breakfasts on both campuses had 450 attendees, and a strong presence on social media garnered more than 1,800 “likes”. These campus events were held as a lead up to National Philanthropy Day, an international day to recognize donors and celebrate philanthropy.
- Tyler MacAfee, Director, Government and Community Engagement, along with Tannis Campbell, Manager, Office of the Associate V.P. (Administration), have had discussions with representatives from Elections Canada about the possibility of securing space on the University of Manitoba’s Fort Garry Campus to enable students to vote by special ballot in the upcoming federal election which is currently scheduled for October 19, 2015. Space has been offered to Elections Canada and they will confirm whether or not it satisfies their requirements.
- Vice-President (External) John Kearsey and Tyler MacAfee met with Clerk of Executive Council and Secretary to Cabinet, Milton Sussman, to discuss the Front and Centre campaign and to build some momentum and excitement within the provincial government about the University’s fundraising goal and the impact it could have on Manitoba.
- President Barnard, Paul Kochan, Vice-President (Administration) and Tyler MacAfee, met with newly appointed Minister of Finance, Greg Dewar, to discuss the role of the U of M as an economic driver in the City of Winnipeg and the Province of Manitoba, the University’s current and future fiscal pressures as well as the Front and Centre fundraising campaign.
- The University of Manitoba retained Probe Research Inc. to conduct the first online community engagement survey on behalf of External Relations among faculty and staff. The purpose of the survey was to help build an understanding of the nature and scope of community engagement

activities currently undertaken by faculty and staff as part of their professional role at the University. Survey results will help inform a community engagement strategy for the University and further University-community collaboration.

- The University of Manitoba hosted the third Visionary Conversations of 2014-2015. The topic was “A Culture of Conflict: What Have We Learned about War?” Panelists included Dr. Adam Muller, Associate Professor, Department of English, Film and Theatre in the Faculty of Arts and Senior Research Fellow at the Centre for Defence and Security Studies; Dr. Andrea Charron, Assistant Professor, Department of Political Studies in the Faculty of Arts and Deputy-Director of the Centre for Defence and Security Studies; and Dr. Régine King, Assistant Professor in the Faculty of Social Work.
- On December 2nd the University of Manitoba held a reception in Hong Kong for alumni in the area to reconnect and meet with other U of M graduates in their city. President Barnard and Vice-President (External) John Kearsey attended to host the event.
- Nominations for the 2015 Distinguished Alumni Awards closed on November 18th and we are pleased to announce that there are 56 nominations across five categories. The Selection Panel will be chaired by Chancellor Harvey Secter, and will include Nahlah Ayed, Abdo El Tassi, Lila Goodspeed, Susan Lewis and Allan Ronald. The Distinguished Alumni Awards Celebration of Excellence will be held on May 12th, 2015 at the Winnipeg Art Gallery.
- In 2014, any gift made towards graduate student support and/or the Active Living Centre was matched dollar for dollar up to \$1 million by the Alumni Association of the University of Manitoba. As of December 31st, this initiative has reached and exceeded its \$1 million matching goal. We would like to thank the Alumni Association for its generosity and the incredible support of our donors for their support of our graduate students and the Active Living Centre.

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 John Anderson will be the Speaker for the Executive Committee for the March 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. David Barnard, Chair
Senate Executive Committee
Terms of Reference:

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

Report of the Senate Planning and Priorities Committee RE: Merger of the Department of Textile Sciences with the Department of Biosystems Engineering

Preamble:

1. The terms of reference of the Senate Planning and Priorities Committee (SPPC) are found on the website at http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/508.htm wherein SPPC is charged with making recommendations to Senate regarding any such studies, proposals or reports that it may initiate within itself, have referred to it by Senate, other Councils, Committees or Bodies, formal or otherwise.
2. The committee met on January 26, 2015 to consider a proposal from the Faculty of Human Ecology and the Faculty of Agricultural and Food Sciences for the merger of the Department of Textile Sciences and the Department of Biosystems Engineering. The committee met with Acting Dean Frankel, Faculty of Human Ecology, and Dean Wittenberg, Faculty of Agricultural and Food Sciences.

Observations:

1. The proposal for the merger of the Department of Textile Sciences and the Department of Biosystems is brought forward by the Faculties of Human Ecology and Agricultural and Food Sciences in response to the President's initiative, launched in January 2012, to improve the academic structure of Faculties and Schools at the University of Manitoba. The proposal has been developed by the Departments following initial discussions within and between the departments that occurred in March 2013 and the subsequent decision, in April 2014, to formally pursue the possibility of a merger.
2. The rationale for the proposal is that, "[the] merging of these two departments would strengthen productivity and innovation by generating designs based in engineering that provide solutions to environmental, agricultural, biological and health-related problems. This restructuring would also enhance the application of nano-technology for the purpose of creating medical textiles and new health care products by placing this research area in the context of the larger Biosystems Engineering research programs."
3. The proposal has been recommended by the Department Councils of Textile Sciences and Biosystems Engineering, the Faculty Council of Human Ecology, and the Faculty Council of the Faculty of Agricultural and Food Sciences, based, in each instance, on the result of a secret ballot vote.
4. The proposal was also provided to the Faculty Council of the Faculty of Engineering, for information. In his letter to Acting Dean Frankel (attached; dated August 18, 2014), Dean Beddoes communicates the Faculty of Engineering's support for the proposal.
5. The amalgamated department would be administered by the Faculty of Agricultural and Food Sciences. Academic (4.0 FTE, including tenured and term instructor positions) and support staff (1.0 FTE) positions, and operating (\$441,000) and research (\$240,850) revenues would be transferred from the Department of Textile Sciences and the Faculty of Human Ecology, to the Department of Biosystems Engineering and the Faculty of Agricultural and Food Sciences, as appropriate.

6. Responsibility for teaching, research, and office spaces in the Human Ecology and Duff Roblin Buildings that are currently occupied by the Department of Textile Sciences would be transferred to the Faculty of Agricultural and Food Sciences. Use of space in these buildings would continue to be considered in the context of other units/occupants.
7. The proposed merger might require one-time funding for transition and implementation costs but otherwise would not require additional University resources. Current resources, which are sufficient to support teaching and research programs in the Departments of Textile Sciences and Biosystems Engineering, as outlined in Tables 1 and 2 in the proposal, would continue to be used to support these activities in the amalgamated department. These include academic and support staff positions; operating (combined total \$2.47 million), research (combined total \$2.78 million); and office, teaching, and research spaces.
8. A commitment is made in the proposal that the merged Department of Biosystems Engineering would be responsible for the delivery of Textile Sciences courses that undergraduate students currently registered in the Bachelor of Science in Textile Sciences programs, including the Product Development and the Textile Development Streams, and the Minor in Textile Sciences, would require to complete their programs. Admission to the B.Sc. in Textile Sciences programs has already been suspended, as reported to Senate for information, January 8, 2014. The SPPC was informed that all of the students registered in these programs have now completed the required Textile Sciences courses.
9. Students currently registered in the Master of Science in Textile Sciences would complete that program based on requirements set out in the Academic Calendar for the year in which they were admitted. The possibility of establishing a Textile Sciences stream within the Master of Science in Biosystems Engineering will be considered during the implementation of the merger. The establishment of a new stream would be expected to be resource neutral.
10. The possibility of continuing to offer undergraduate courses in textile sciences, to enhance course offerings in the Faculties of Agricultural and Food Sciences and Engineering, and including a small number of courses that could be used toward a teachable subject area in Human Ecology in the Faculty of Education, would also be considered during the implementation of the merger.
11. Members of SPPC were assured that any faculty currently at the rank of Assistant Professor who are considered for tenure within the next five years, would have the option to be assessed based on the tenure and promotion guidelines of the Faculty of Human Ecology that were in place at the time of their appointment or under the tenure and promotion guidelines of the Faculty of Agricultural and Food Sciences. Likewise, tenured faculty who apply for promotion within the same time period could choose to be evaluated under either set of guidelines.

Recommendation

The Senate Planning and Priorities Committee recommends THAT:

Senate approve and recommend to the Board of Governors that it approve, in principle, the merger of the Department of Textile Sciences, Faculty of Human Ecology, and the Department of Biosystems Engineering, Faculty of Agricultural and Food Sciences.

Respectfully submitted,
Ada Ducas, Chair
Senate Planning and Priorities Committee



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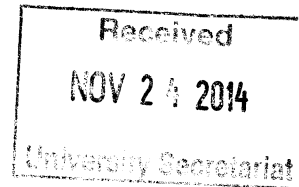
Faculty of
Human Ecology

Office of the Dean
Harvy Frankel
Acting Dean

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h_ecology@umanitoba.ca

November 21, 2014

Mr. Jeff Leclerc
University Secretary
312 Administration Building
University of Manitoba



Dear Mr. Leclerc

Re: Proposed Merger of the Department of Textile Sciences and the
Department of Biosystems Engineering

The Council of the Department of Textile Sciences met on August 22, 2014 to discuss the Proposal to Merge the Department of Textile Sciences Faculty of Human Ecology with the Department of Biosystems Engineering, Faculty of Agricultural and Food Sciences dated August 18, 2014. A motion was made that the Textile Sciences Council supports the proposal, which had been circulated previously. A secret ballot was conducted and the motion was passed with 4 in favour and 0 against.

The Council of the Faculty of Human Ecology met on September 12, 2014 to discuss the Proposal to Merge the Department of Textile Sciences, Faculty of Human Ecology with the Department of Biosystems Engineering, Faculty of Agricultural and Food Sciences dated August 18, 2014. A motion was made that Faculty of Human Ecology supports the proposal, which had been previously circulated. A secret ballot vote was conducted and the motion was passed with 12 in favour and 1 against.

Please forward the proposal to the appropriate Senate Committees, Senate and the Board of Governors for consideration.

Sincerely,

Harvy Frankel, M.S.W., Ph.D.
Acting Dean, Faculty of Human Ecology

/hs

cc: J. Keselman
D. Collins
K. Wittenberg
N. Cicek

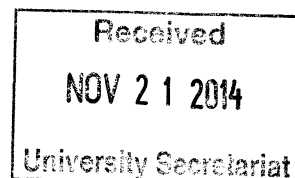


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November 19, 2014



Mr. Jeff Leclerc
University Secretary
312 Administration Building
University of Manitoba

Dear Mr. Leclerc:

Re: Proposed Merger of the Department of Textile Sciences and the Department of
Biosystems Engineering

The Council of the Department of Biosystems Engineering, Faculty of Agricultural and Food Sciences met on September 15, 2014 to discuss the attached document, Proposal to Merge the Department of Textile Sciences, Faculty of Human Ecology with the Department of Biosystems Engineering, Faculty of Agricultural and Food Sciences, dated August 18, 2014. A Motion was made that Biosystems Engineering Council supports the Proposal, which had been circulated previously. A secret ballot was conducted, and the motion was passed with 12 in favour and 0 against.

The Council of the Faculty of Agricultural and Food Sciences (FAFS) met on November 18, 2014 to discuss the attached document, Proposal to Merge the Department of Textile Sciences, Faculty of Human Ecology with the Department of Biosystems Engineering, Faculty of Agricultural and Food Sciences, dated August 18, 2014. A Motion was made that the Faculty of Agricultural and Food Sciences supports the Proposal, which had been previously circulated. A secret ballot vote was conducted, and the Motion was passed with 43 in favour and 0 against.

Please forward the Proposal to the appropriate Senate Committees, Senate and the Board of Governors for consideration.

Sincerely,

Karin Wittenberg,
Acting Dean

Attachment

cc: J. Keselman
H. Frankel
N. Cicek

18 August 2014

Proposal to Merge the
Department of Textile Sciences
Faculty of Human Ecology
with the
Department of Biosystems Engineering
Faculty of Agricultural and Food Sciences

I. Background and Introduction

This proposal is advanced as part of an initiative launched by President David Barnard in January of 2012 to improve and simplify the University's current academic structure. In launching this initiative, President Barnard noted the University's large number of free-standing faculties/schools and departments relative to other Canadian medical/doctoral universities of similar size and scope, and expressed concern that this overly elaborated academic structure was impeding the University's academic work in a number of important ways¹. He identified the cluster mechanism as a useful starting point in a plan to simplify and improve the University's academic structure, and asked the Provost to work with deans and directors, through these cluster groups and in consultation with their faculty, staff and students and external stakeholders, to identify viable options for reducing the number of faculties and schools from the current total of 20 to a number closer to the national average of 13 by 2017.

The goal of the overall initiative, hereafter referred to the Academic Structure Initiative (ASI), is to arrive at an academic structure that better reflects the University's size and scope, and enhances progress on its Strategic Planning Framework priorities, in particular, and the University's ability to meet its mandate more generally.

II. Proposal Overview

This is a proposal to merge the Department of Textile Sciences in the Faculty of Human Ecology and the Department of Biosystems Engineering in the Faculty of Agricultural and Food Sciences at the University of Manitoba. The newly merged department would operate under the Faculty of Agricultural and Food Sciences. The intent of this proposal is for the University of Manitoba to be a leader in generating designs based in engineering science that provide solutions to environmental, agricultural, biological and health-related problems.

III. Context and Rationale

Research in the Department of Biosystems Engineering draws on engineering concepts and skills, combined with multi-disciplinary knowledge about biological, environmental and agricultural systems to arrive at practical solutions. Research activities include studies on stored grain ecosystems, biological treatment of wastes, phytoremediation of polluted soils, management of environmental odors, bio-processing, hyperspectral imaging techniques, animal and plant production environments, and alternative building systems.

Research in the Department of Textile Sciences focuses on the understanding of the science of textiles, its users and the environment under which textile products are used. Interdisciplinary in nature, it draws on knowledge and skills in chemistry, biology, microbiology, engineering and more. Much of the current research in the department today focuses on medical and bio-protective textiles. Research on the application of nano-technology in the development of health care products is illustrative of this fact. Pathogenic microorganisms are one of the leading causes of morbidity worldwide and are a substantial societal and economic burden. The health care

¹ 1 January 19, 2012 Communiqué from President David Barnard

environment is dependent on technologies and materials that match the changing nature and complexity of disease patterns, changes in treatment regimens, and health care delivery systems.

The merging of these two departments would strengthen productivity and innovation by generating designs based in engineering that provide solutions to environmental, agricultural, biological and health-related problems. This restructuring would also enhance the application of nano-technology for the purpose of creating medical textiles and new health care products by placing this research area in the context of the larger Biosystems Engineering research programs.

Integrating the research, undergraduate and graduate teaching capacities of the Department of Biosystems Engineering and the Department of Textile Sciences creates a supportive environment to promote innovation and enhance the student experience. Interdependent research programs would allow problems to be seen from multiple perspectives in engineering and other disciplines. For example, the nano-based medical textiles research will generate opportunities to create products to address healthcare problems, such as the study of pathogenic disease mechanisms and methods to protect patients and health care workers from microorganisms.

The proposed combination of disciplines will strengthen the University of Manitoba Strategic Planning Framework through significant contributions in: a) Healthy, safe, secure and sustainable food and bio-products; b) Sustainable prairie and northern communities; c) Innovations in public and population health; and d) New materials and technologies.

IV. The Process

The Department of Textile Sciences started to develop this proposal with a period of discussions in early 2012 about potential research and teaching alliances across the University campus. During these discussions it became clear that the Department of Textile Sciences recognized more partnerships with units external to the Faculty of Human Ecology, than with the Departments within the Faculty.

In 2012 the Department of Textiles Sciences members began consultations with the respective Deans, Department Heads and academic staff of other units on campus.

They also:

1. Attended the two Special Faculty meetings that were arranged for all academic staff members of the Faculty to share views and expectations related to the University's Academic Structure Initiative (ASI).
2. Received the written updates on changes and progress in ASI prepared by the Dean's office, as well as the Faculty Council minutes that documented the exchange among academic staff members related to different options for new academic structures.
3. Took account of the proposed governance and administrative structure associated with the proposed new Faculty of Health Sciences that were outlined at the November 15, 2012 University Town Hall.

From January 2013 to April 2014, members of the Department of Textile Sciences reviewed the information obtained and identified four possible options for a new academic structure. Detailed and lengthy discussions on restructuring took place with two potential academic partners that could sustain research and graduate teaching activities related to medical textiles and materials protective against biohazards. In April 2014, members of the Department of Textile Sciences decided to pursue the option of merging with the Department of Biosystems Engineering and prepared an initial draft proposal for consideration by members of the Department of Biosystems Engineering.

The Department of Biosystems Engineering had discussions about academic restructuring with the Department of Textile Sciences in March 2013 and again in March 2014. The Textile Sciences MSc was one of the discussion points at these times, as it had been in discussion with other potential partners, because the work of students in this program contributes to the success and productivity in medical textile research. The Department of Biosystems Engineering noted that the admission criteria of the Textile Sciences MSc program were similar to the admission criteria of the Biosystems Engineering MSc program, which would allow the work of students in either program to contribute to medical textiles research. In April 2014, the Department of Biosystems Engineering agreed to consider a proposal that would result in the merger of the Department of Textile Sciences and the Department of Biosystems Engineering.

V. The Proposal

This is a proposal to merge the Department of Textile Sciences in the Faculty of Human Ecology and the Department of Biosystems Engineering in the Faculty of Agricultural and Food Sciences at the University of Manitoba. The process of merging the two departments will dissolve the Department of Textile Sciences and ultimately, the Faculty of Human Ecology, with the Senate-approved joining of the Department of Human Nutritional Sciences with the Faculty of Agricultural and Food Sciences and the merger of Family Social Sciences with the Department of Community Health Sciences

The merging of these two departments would strengthen productivity and innovation by generating designs based in engineering that provide solutions to environmental, agricultural, biological and health-related problems. This restructuring would also enhance the application of nano-technology for the purpose of creating medical textiles and new health care products by placing this research area in the context of the larger Biosystems Engineering research programs.

The resources required to deliver the undergraduate and graduate teaching programs, and the research programs of the Department of Textile Sciences will be transferred from the Faculty of Human Ecology to the Faculty of Agricultural and Food Sciences. The resources to be transferred represent those that are currently used by the Department of Textile Sciences to carry out its functions. This includes resources for the Textile Sciences Departmental baseline tenured positions, term instructor positions, a part-time administrative position and a part-time technical position. In addition, these resources include Faculty of Human Ecology General Office baseline funding for a small number of sessional instructors. The newly merged department may choose to allocate some of these resources differently.

Admission into the undergraduate textile sciences undergraduate programs has already been

suspended. Undergraduate courses will be made available to facilitate completion of the program for those who are currently enrolled. Consideration will also be given to the continued offering of undergraduate courses, which could serve to enhance undergraduate offerings within the Faculty of Agriculture and Food Sciences and within the Faculty of Engineering. There is also the possibility that one or more of these undergraduate courses could be recognized towards a “teachable subject” area in the Faculty of Education. The newly merged Department will continue to have access to undergraduate student advisors, which are currently shared with other Human Ecology departments, until the transition is complete. A recommendation to close the undergraduate programs (i.e. the B.Sc. (T.S) in Product Development, the B.Sc.(T.S.) in Textile Development and the minor in Textile Sciences) will be made after all eligible students have been given the opportunity to complete their respective programs.

The Department of Textile Sciences and the Department of Biosystems Engineering have agreed in principle to maintain the visibility of the Textile Sciences M.Sc. program. During the implementation of this proposal the status of the Textile Sciences M.Sc. program will be considered by the Faculty of Graduate Studies and the Department, possibly becoming a stream within the Biosystems Engineering M.Sc. program. The creation of a stream is not expected to change the number of students in either program and would be resource neutral. Students currently enrolled in Textile Sciences will be given the opportunity to complete their programs as defined in the Textile Sciences M.Sc. program. There is currently no Ph.D. program in the Department of Textile Sciences; however the merger of the two units is expected to create new opportunities within the current doctoral program in the Department of Biosystems Engineering, most notably in the area of biomedical studies.

The allocation of student endowment funds held by the Faculty of Human Ecology will be the responsibility of Donor Relations, with input from the Faculty of Human Ecology and the Faculty of Agricultural and Food Sciences. The endowment funds with terms that specify benefits for students in the Department of Textile Sciences will be transferred to the Faculty of Agricultural and Food Sciences. Allocating general Faculty Human Ecology endowment funds to students in the three Human Ecology departments will be based on the 5-year average of undergraduate and graduate student enrolment in each of the departments.

The Faculty of Agricultural and Food Sciences will continue to contribute the necessary resources to maintain the departmental functions of Biosystems Engineering. The Faculty of Agricultural and Food Sciences is also expected to provide faculty-wide services to the new faculty, staff and students, such as financial planning, research account reconciliation and the coordination of communications to students.

Research laboratories, teaching space and offices currently occupied by the Department of Textile Sciences in the Human Ecology and Duff Roblin buildings will be maintained for the departmental functions. The Faculty of Agricultural and Food Sciences is expected to assume responsibility for these spaces. With the phasing out of some undergraduate teaching, application will be made to the Campus Planning Office for the repurposing of two teaching laboratories to space for research laboratories.

With the exception of possible one-time funding to support transition and implementation costs, the establishment of the new department will not call upon any more of the University's continuing (i.e., baseline) operating funds other than those currently directed to the Faculty of Agricultural and Food Sciences and the Faculty of Human Ecology for their respective departments.

VI. Issues and Opportunities

The academic members of the Department of Textile Sciences are particularly well qualified to make valuable contributions to both the teaching and research mandates of the Department of Biosystems Engineering. The textile engineering backgrounds of the academic members of Textile Sciences, together with their research interests in medical textiles and new healthcare products, provide an opportunity to enhance the undergraduate program in Biosystems Engineering, specifically the Biomedical Specialization. Likewise, their textile engineering background is an asset to departmental activity in the area of agricultural fibers.

The academic members of Textile Sciences have active collaboration, joint research and cross-appointments, in the Department of Medical Microbiology, Faculty of Medicine and the Department of Plant Science, Faculty of Agricultural and Food Sciences. Not only does the proposed merger promise increased innovation and productivity between Biosystems Engineering and Medical Microbiology, other departments in the Faculty of Agricultural and Food Sciences support microbiology expertise in areas of human, environmental and animal health, with two individuals cross-appointed to Medical Microbiology.

In addition, academic staff from the Department of Textile Sciences have collaborations with researchers in the Department of Surgery, College of Dentistry, Faculty of Science and the Faculty of Engineering. It is expected that such collaborations will continue and expand after the implementation of the proposal. The Dean of Engineering supports the proposed merger (see attached letter) and increased collaboration is expected between the Department of Biosystems Engineering and departments in the Faculty of Engineering as a result of joining with the Department of Textile Sciences. For example, a significant opportunity for joint research exists with the interdisciplinary Biomedical Engineering program that is jointly supported by the Faculties of Engineering, Science and Medicine.

VII. Implementation Process

Conditional upon approval of Senate and the Board of Governors, it is envisaged that the senior academic in Textile Sciences and Department Head of Biosystems Engineering will guide and oversee the implementation of the proposal with assistance from the Deans of Human Ecology and Agricultural and Food Sciences. As necessary, project and change management support would be requested from the Office of Change Management.

The Deans will consider whether, and what number, of committees may need to be established to advise on transition/implementation issues. These committees would include faculty, staff and students. Where actions arise from this process requiring the approval of Senate and/or the Board of Governors, they will be forwarded to these governing bodies for consideration. Further, all

actions will respect collective agreements with relevant employee groups.

It will be important that this implementation process be sufficiently flexible to facilitate adjustments, where required, and responsive to input on issues that may arise in both the short and longer terms. It will also be important to acknowledge the considerable time and energy that will be required of members of the affected units and the University, in general, to address transition issues.

VIII. Conclusion: Expected Goals and Outcomes

The coming together of these two departments fits with the goals of the Academic Structure Initiative and will have a number of important outcomes for the University. The resulting academic structure:

- Enhances the University's capacity to deliver on its mandate
- Enhances leading-edge, multi-disciplinary research
- Enhances educational experiences for future engineering professionals
- Enhances research competitiveness for external research support

Appendix

Table 1 – Student and Staffing information

Unit	1 Nov 2013 students (OIA)			2012-2013 FTE		
	UG	MSc	PhD	Academic	Support	Total
Textile Sciences	29	8	0	4.0	1.0	5.0
Biosystems Engineering	114	19	33	12.0	4.0	16.0
Totals	143	27	33	16.0	5.0	21.0

Table 2 – Annual resource information (2013-14)

Unit	Operating Baseline	Research Revenues
Textile Sciences	\$ 441,000	\$ 240,850
Biosystems Engineering	\$2,025,000 (2013-2014 budget year)	\$2,543,000 (2013-2014 budget year)
Totals	\$2,466,600	\$2,783,850



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Faculty of Engineering
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Canada R3T 5V6
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18 August 2014

Harvy Frankel, M.S.W., Ph.D.
Professor (Social Work) and Acting Dean
Faculty of Human Ecology
University of Manitoba

Dear Dr. Frankel:

On behalf of the Faculty of Engineering this letter indicates support of the proposal to join/merge the Departments of Textile Sciences and Biosystems Engineering. While this proposal does not require the approval of the Faculty of Engineering Faculty Council, it was discussed at a Faculty Council meeting on 12 August 2014. Faculty members from the Department of Biosystems Engineering are members of the Engineering Faculty Council, as well as members of the Agricultural and Food Sciences Faculty Council.

From the Faculty of Engineering viewpoint, there are some key advantages to the proposal including:

- 1) The proposal indicates that Textile Science undergraduate program courses will be supported for the benefit of students already in the program. In the longer term the addition of resources from Textile Science to Biosystems Engineering does offer the opportunity to strengthen the Biomedical Specialization available to BSc Biosystems Engineering students. Strengthening this program specialization and adding Textile Science Faculty members to Biosystems should allow an increased intake quota for the BSc Biosystems Engineering program.
- 2) To ensure the Department of Biosystems Engineering has the maximum flexibility to offer courses, the faculty members from Textile Sciences should become registered with the Association of Professional Engineers and Geoscientists of Manitoba (APEGM). This registration should not be an issue, as they have engineering degrees, but it is needed for engineering accreditation purposes. The Faculty of Engineering is prepared to cover the cost of their application to and review by APEGM. Importantly, becoming registered with APEGM will in no way limit or influence the research programs they choose to pursue.
- 3) When the Textile Science undergraduate program is phased out the teaching laboratory facilities currently associated with the Textile Science program will not be needed to support the undergraduate Biosystems Engineering program. However, if the intake quota to the undergraduate Biosystems Engineering program is increased, then some upgrades to existing Biosystems teaching laboratories may be needed. Based on discussion this with Dr. Danny Mann (Head of Biosystems

Engineering) it is believed the costs for these upgrades can be supported by the Faculty of Engineering and/or the Engineering Endowment Fund. To support increased enrolment and corresponding teaching laboratory activity in Biosystems Engineering will require additional technical support staff dedicated to the undergraduate Biosystems teaching laboratories. It is currently understood that this support will transfer from that which is currently directed to the undergraduate teaching laboratories in Textile Sciences.

I hope the foregoing is reasonably clear, but if not, please let me know, I will be pleased to discuss any aspect of this.

Again, overall, I am strongly in favour of this proposal, I think it is good for the Faculty of Engineering, the Department of Biosystems Engineering and the staff and faculty currently in the Department of Textile Sciences.

Sincerely,

A handwritten signature in black ink, appearing to read "Jonathan Beddoes".

Jonathan Beddoes, Ph.D.,
P.Eng. Dean of
Engineering

Cc: Dr. N. Cicek, Acting Head, Department of Biosystems Engineering

Report of the Senate Committee on Instruction and Evaluation RE: Revised Academic Regulations on Maximum Time Limits for the Post-Baccalaureate Diploma in Education

Preamble:

1. The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) are found on the web at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/502.htm
2. At its meeting on January 15, 2015, the Committee considered a proposal from the Faculty of Education to revise the Academic Regulations concerning Maximum Time Limits in the Post-Baccalaureate Diploma in Education.

Observations:

1. The Faculty of Education is proposing that the maximum time to complete the Post-Baccalaureate Diploma in Education (PBDE) be reduced from nine (9) to six (6) years from the time of admission. The proposed maximum time limit is consistent with those for the Master of Education and Bachelor of Education degree programs.
2. The objective of the proposal is to reduce the number of courses that must be cancelled each year because they are undersubscribed. It was noted that registration in courses in the PBDE curriculum that lead to certificates issued by Manitoba Education, including school counsellor, special education, and educational administration certificates, for example, are enrolled at capacity. Courses that are not required for a Manitoba Education certificate are sometimes cancelled when they are not at least half enrolled. By reducing the time-frame in which students must complete the program, the expectation is that students will register for courses more regularly, which will lead to more of these courses being filled.
3. The Faculty is also proposing that students in the PBDE program would not be granted advanced standing (i.e. transfer credit) for any course completed more than six (6) years prior to the time of admission. The current limit is nine (9) years prior to the time of admission.
4. Changes to the academic regulations concerning maximum time limits and transfer credit would apply to students admitted to the Post-Baccalaureate Diploma in Education in September 2015 and later.

Recommendation:

The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve the Report of the Senate Committee on Instruction and Evaluation concerning revised Academic Regulations on Maximum Time Limits and Transfer of Credit for the Post-Baccalaureate Diploma in Education, Faculty of Education, effective September 1, 2015.

Respectfully submitted,

Dr. Janice Ristock, Chair
Senate Committee on Instruction and Evaluation

CURRENT	REVISED
<p>Maximum Time Limits</p> <p>The maximum time allowed for completing the PBDE is nine years. In addition, a student will not be permitted to count toward the diploma any course completed more than nine years prior to the completion date of the diploma. Students will be permitted to retake and use as PBDE credit Education courses beyond the nine years provided they have not been previously used elsewhere for credit toward a degree or diploma program. Courses from other faculties will need to be dealt with on an individual basis.</p>	<p>Maximum Time Limits</p> <p>The maximum time allowed for completing the PBDE is six* years from the time of admission. In addition, a student will not be permitted to count toward the diploma any course completed more than six* years prior to the time of admission. Students will be permitted to retake and use as PBDE credit Education courses beyond the six* years provided they have not been previously used elsewhere for credit toward a degree or diploma program. Courses from other faculties will need to be dealt with on an individual basis.</p> <p>* For students admitted prior to September 2015, the maximum time allowed to complete the PBDE is nine years and courses cannot be older than nine years at the completion of the PBDE.</p>
<p>8.5 Transfer of Credit</p> <p>Subject to approval by the Faculty, transfer of credit may be granted on the basis of:</p> <ul style="list-style-type: none"> - completed university level courses that have not been previously used towards a degree, - completed M.Ed. courses not used to satisfy requirements for the M.Ed. degree, and - the following courses completed through the Certificate in Adult and Continuing Education (CACE), University of Manitoba: <p>CACE 43001 Foundations of Adult Education transferred as EDUA 1570 Foundations of Adult Education (3); CACE 43002 Program Planning in Adult Education transferred as EDUA 1580 Program Planning in Adult Education (3); CACE 43003 Adult Learning and Development transferred as EDUA 1560 Adult Learning and Development (3); CACE 43004 Facilitating Adult Education transferred as EDUA 1590 Facilitating Adult Education (3).</p> <p>Completion of the CACE certificate is not required to receive individual credit.</p> <ul style="list-style-type: none"> - a maximum of 15 credit hours completed through the Certificate in Teaching English as a Second Language (CTESL), University of Manitoba from the following: <p>39301 Principles and Procedures of Second Language transferred as EDUB 1620 Principles and</p>	<p>.5 Transfer of Credit</p> <p>Subject to approval by the Faculty, transfer of credit may be granted on the basis of:</p> <ul style="list-style-type: none"> - completed university level courses that have not been previously used towards a degree, - completed M.Ed. courses not used to satisfy requirements for the M.Ed. degree, and - the following courses completed through the Certificate in Adult and Continuing Education (CACE), University of Manitoba: <p>CACE 43001 Foundations of Adult Education transferred as EDUA 1570 Foundations of Adult Education (3); CACE 43002 Program Planning in Adult Education transferred as EDUA 1580 Program Planning in Adult Education (3); CACE 43003 Adult Learning and Development transferred as EDUA 1560 Adult Learning and Development (3); CACE 43004 Facilitating Adult Education transferred as EDUA 1590 Facilitating Adult Education (3).</p> <p>Completion of the CACE certificate is not required to receive individual credit.</p> <ul style="list-style-type: none"> - a maximum of 15 credit hours completed through the Certificate in Teaching English as a Second Language (CTESL), University of Manitoba from the following: <p>39301 Principles and Procedures of Second Language transferred as EDUB 1620 Principles and Procedures of Second Language Teaching (3); 39302 Teaching ESL</p>

<p>Procedures of Second Language Teaching (3); 39302 Teaching ESL Vocabulary and Pronunciation as EDUB 1640 Teaching ESL Vocabulary and Pronunciation (3); 39303 Teaching ESL Grammar as EDUB 1650 Teaching ESL Grammar (3); 39304 Practicum in Teaching English as a Second Language (TESL) as EDUB 1860 Practicum in Teaching English as a Second Language (TESL) (3); 39305 Content-based Second Language Instruction as EDUB 1820 Language and Content Instruction of ESL/Bilingual Students (3); 39306 Computers in Second Language Teaching as EDUB 1660 Computers in Second Language Teaching (3); 39307 English for Non-Native Speaking (NNS) Teachers of English as EDUB 1604 Academic and Professional English for Multilingual Teachers; 39308 Teaching ESL Literacy as EDUB 1606 Teaching ESL Foundational Literacy, Academics & Language (3); 39592 Adult ESL & the Canadian Language Benchmarks as EDUB 1612 Adult ESL and the Canadian Language Benchmarks (3); EDUB 1608 Assessment and Testing of EAL/ESL Learners; 98592 Special Topics as parallel courses offered as EDUB 1840 Recent Developments in Curriculum, Teaching and Learning 1 or additional approved topics courses.</p> <p>Completion of the CTESL certificate is not required to receive individual credit.</p> <p>A maximum of 12 credit hours may be transferred from an institution other than the University of Manitoba. There is no maximum limit for courses completed at the University of Manitoba.</p> <p>Courses transferred to the PBDE must fall within the nine year statute of limitation at the completion date, must be within the program requirements, and must have a grade of C or better.</p>	<p>Vocabulary and Pronunciation as EDUB 1640 Teaching ESL Vocabulary and Pronunciation (3); 39303 Teaching ESL Grammar as EDUB 1650 Teaching ESL Grammar (3); 39304 Practicum in Teaching English as a Second Language (TESL) as EDUB 1860 Practicum in Teaching English as a Second Language (TESL) (3); 39305 Content-based Second Language Instruction as EDUB 1820 Language and Content Instruction of ESL/Bilingual Students (3); 39306 Computers in Second Language Teaching as EDUB 1660 Computers in Second Language Teaching (3); 39307 English for Non-Native Speaking (NNS) Teachers of English as EDUB 1604 Academic and Professional English for Multilingual Teachers; 39308 Teaching ESL Literacy as EDUB 1606 Teaching ESL Foundational Literacy, Academics & Language (3); 39592 Adult ESL & the Canadian Language Benchmarks as EDUB 1612 Adult ESL and the Canadian Language Benchmarks (3); EDUB 1608 Assessment and Testing of EAL/ESL Learners; 98592 Special Topics as parallel courses offered as EDUB 1840 Recent Developments in Curriculum, Teaching and Learning 1 or additional approved topics courses.</p> <p>Completion of the CTESL certificate is not required to receive individual credit.</p> <p>A maximum of 12 credit hours may be transferred from an institution other than the University of Manitoba. There is no maximum limit for courses completed at the University of Manitoba.</p> <p>Any course which is more than six* years old at the time of admission to the PBDE will not be granted advanced standing. Any transferred course must have a grade of C or better.</p> <p>*For students admitted prior to September 2015, the statute of limitation for courses at the completion of the PBDE is nine years.</p>
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