A G E N D A

I MATTERS TO BE CONSIDERED IN CLOSED SESSION

II MATTERS RECOMMENDED FOR CONCURRENCE WITHOUT DEBATE

1. Amendment to the 2005-2006 Academic Schedule Page 17

III MATTERS FORWARDED FOR INFORMATION

1. Report of the Senate Committee on Awards Page 23
2. Statement of Intent: Master of Physical Therapy Page 32
3. Statement of Intent: B.Sc. (Gen) in Geological Sciences Page 47
4. Statement of Intent:
   a) B.Sc. in Health Sciences Page 52
   b) B.A. in Health Studies Page 59
5. Correspondence from the Vice-President (Academic) & Provost re: New program: M.Sc. in Environment and Geography Page 64

IV REPORT OF THE PRESIDENT

V QUESTION PERIOD

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

VI CONSIDERATION OF THE MINUTES
   OF THE MEETING OF OCTOBER 5, 2005

VII BUSINESS ARISING FROM THE MINUTES
VIII  REPORTS OF THE SENATE EXECUTIVE COMMITTEE  
AND THE SENATE PLANNING AND PRIORITIES COMMITTEE  

1.  Report of the Senate Executive Committee  
    Page 65  

2.  Report of the Senate  
    Planning and Priorities Committee  

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

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

1.  Report of the Senate Committee on Appeals  

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

X  ADDITIONAL BUSINESS  

XI  ADJOURNMENT  

Please Call Regrets to 474-6892.  

/nis
Date: October 3, 2005

To: Jeff Leclerc, University Secretary

From: Neil Marnoch, Registrar

Re: Amendment to the 2005-2006 Academic Schedule

In order to accommodate an additional session of Spring Convocation, it is proposed that the 2005-2006 Academic Schedule be amended as follows:

Change the dates of Spring Convocation

From: Spring Convocation May 31-June 1, 2006

To: Spring Convocation May 30-June 1, 2006

Rationale: The graduating class of students has grown to record numbers and more students are choosing to attend their Convocation ceremony. The high attendance has pushed our seating arrangements to the limits allowed by fire regulations and has resulted in long ceremonies. An additional ceremony of Spring Convocation will help alleviate these problems.

The revised schedule will consist of two ceremonies on Tuesday, May 30; one ceremony on Wednesday, May 31; and two ceremonies on Thursday, June 1, 2006.

NM/db
Date: October 11, 2005

Memo To: Senate Executive Committee

From: Neil Marnoch, Registrar

Re: Proposed Academic Schedule for 2006-2007

The attached 2006-2007 Academic Schedule has been updated based only on changes in days and/or dates to conform with the 2006-2007 calendar, along with revised information received from academic units. Please note the following.

Key Points

1. Deadlines for receipt of applications for admission for the Faculties/Schools will be published on the Enrolment Services website.

2. Labour Day in 2006 is September 4. Therefore, University 1 Orientation will take place on the first two days of the Term, September 5 and 6. Classes in most faculties and schools will begin on Thursday, September 7.

3. In 2006-2007 there are two statutory holidays in first term: Thanksgiving Day and Remembrance Day. As was the case last year there are 63 days available for instruction in first term.

4. The 2006 December Examination period will be from Friday December 8 through Wednesday December 20.

5. In second term, the university will re-open on Wednesday January 3. Classes will begin on Thursday, January 4, 2007. Good Friday falls on April 6, 2007. There are 64 days available for instruction in Term 2.

6. Mid-Term Break in 2007 is February 12 - 16, which is the seventh week of Term 2.
7. As approved by Senate, the deadline for Voluntary Withdrawal is the 48th teaching day of the term. In 2006-07 these dates are November 15, 2006 for Term 1 courses and March 19, 2007 for Term 2 and Full Term courses. Faculties and schools offering courses with irregular schedules and withdrawal dates must ensure these are well publicized to your students.

8. The 2007 April Examination period will be from Friday, April 13 through Monday, April 30.

9. Spring Convocation will be held June 5, 6, 7 (Tuesday, Wednesday, Thursday) 2007.

10. For information only Key Jewish Holy Days 2006-2007

<table>
<thead>
<tr>
<th>Holiday</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rosh Hashana</td>
<td>September 22*, 23, 24 (Friday, Saturday, Sunday) 2006</td>
</tr>
<tr>
<td>Yom Kippur</td>
<td>October 1*, 2 (Sunday, Monday) 2006</td>
</tr>
<tr>
<td>Sukkoth</td>
<td>October 6*, 7, 8 (Friday, Saturday, Sunday) 2006</td>
</tr>
<tr>
<td>Shmini Atzeret</td>
<td>October 13*, 14 (Friday, Saturday) 2006</td>
</tr>
<tr>
<td><strong>Passover</strong></td>
<td></td>
</tr>
<tr>
<td>First 2 days</td>
<td>April 2*, 3, 4 (Monday, Tuesday, Wednesday) 2007</td>
</tr>
<tr>
<td>Last 2 days</td>
<td>April 8*, 9, 10 (Sunday, Monday, Tuesday) 2007</td>
</tr>
<tr>
<td>Shavuoth</td>
<td>May 22*, 23, 24 (Tuesday, Wednesday, Thursday) 2007</td>
</tr>
</tbody>
</table>

*Starts at sunset

Encl.

NM/db
2006-2007
Academic Schedule

Note: Admission Application Deadlines may be found on the web at www.umanitoba.ca/student/admissions

Chapter Contents
Section 1: Orientation Sessions for Regular Session
Section 2: Start and End Dates for Regular Session
Section 3: Registration and Withdrawal Dates
Section 4: Fee Deadlines
Section 5: Dates of University Closure and Mid Term Break
Section 6: Regular Session Examination and Test Dates
Section 7: Challenge for Credit, Supplemental and Other Special Examinations and Tests
Section 8: Grade Appeal Dates
Section 9: University Convocation
Section 10: Other University Special Events
Section 11: Distance Education 2006-2007 Deadline Dates
Section 12: Summer Session 2006 Start and End Dates
Section 13: Spring Intersession and Summer Session 2007

Section 1: Orientation Sessions for Regular Session

IDDP Year 1 May-June 2006
University 1 Sept. 5-6, 2006
Agriculture Diploma Sept. 15, 2006
Education, Year 1 Sept. 6, 2006
Education, Year 2 and Year 5 Integrated Aug. 31, 2006
Medicine, Year 1 Aug. 21, 2006
Medicine inaugural exercises for B.Sc.(med.) Aug. 23, 2006
Music Sept. 5, 2006
Nursing, Year 2 (218 and/or 219) Tuesday/Wednesday rotation clinical orientation Aug. 29, 2006
Nursing, Year 2 (218 and/or 219) Thursday/Friday clinical orientation Aug. 30, 2006
Nursing, Year 2 (218 and/or 219) Tues./Wed. rotation clinical orientation continues Sept. 12, 2006
Nursing, Year 2 (218 and/or 219) Thurs./Fri. rotation clinical orientation continues Sept. 7, 2006
Nursing, Year 3 clinical orientation week of Sept. 19, 2006
Nursing, Year 4 clinical orientation Sept. 7, 2006
Nursing, Year 4 clinical orientation continues Sept. 7, 2006
Nursing Lectures in 049.212 (Health Assessment) and Nursing Labs in 049.212 (Health Assessment and 049.213 Skills) start week of Sept. 11, 2006

NOTE: Immunizations/CPR due for all newly admitted Aug. 1, 2005

Section 2: Start and End Dates for Regular Session

(Classes, practice, experiences)
The following start and end dates are for students in most faculties and schools.
See Section 5 for mid term break and other university closures.

Students registering for Distance Education courses should consult the Distance Education Calendar available from Distance Education.

Education ‘non-L’ section courses have unique start and end dates. Students are referred to the Education section of the Registration Guide.

<table>
<thead>
<tr>
<th>Term 1 (including full courses)</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most faculties and schools</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agriculture diploma</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dentistry, Years 1 and 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dentistry, Year 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dentistry, Year 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dental Hygiene, Years 1 and 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Law</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medicine clinical clerkship</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medicine, Years 1, 2, 3 and 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medicine, B.Sc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Occupational Therapy Year 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basic Fieldwork</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Occupational Therapy Year 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pharmacy, Year 4 (classes)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Experimental rotations)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Therapy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respiratory Therapy Years 1, 2, 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respiratory Therapy, Year 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year 1 Basic Fieldwork</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year 2 Basic Fieldwork</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Work, Field Instruction Year 2 &amp; 3 Sept. 5, 2006</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Term 2 (including full courses)

<table>
<thead>
<tr>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most faculties and schools May 29, 2006</td>
<td>NA</td>
</tr>
<tr>
<td>Occupational Therapy Year 1 Nov. 20, 2006</td>
<td>Dec. 15, 2006</td>
</tr>
<tr>
<td>Occupational Therapy Year 2 Aug. 28, 2006</td>
<td>Dec. 15, 2006</td>
</tr>
<tr>
<td>Pharmacy, Year 4 (classes) Aug. 28, 2006</td>
<td>Oct. 27, 2006</td>
</tr>
<tr>
<td>Respiratory Therapy Years 1, 2, 3 Jan. 4, 2007</td>
<td>Dec. 15, 2006</td>
</tr>
<tr>
<td>Respiratory Therapy, Year 1 Basic Fieldwork Sept. 22, 2006</td>
<td>Dec. 15, 2006</td>
</tr>
<tr>
<td>Year 2 Basic Fieldwork Sept. 15, 2006</td>
<td>Dec. 15, 2006</td>
</tr>
<tr>
<td>Social Work, Field Instruction Years 2 &amp; 3 Sept. 5, 2006</td>
<td>Dec. 8, 2006</td>
</tr>
<tr>
<td>Term 2 (including full courses) Start</td>
<td>End</td>
</tr>
<tr>
<td>Most faculties and schools Jan. 4, 2007</td>
<td>Apr. 11, 2007</td>
</tr>
<tr>
<td>Dental Hygiene, Years 1 and 2 May 14, 2006</td>
<td>Apr. 11, 2007</td>
</tr>
<tr>
<td>Year 1 clinic Jan. 4, 2007</td>
<td>Apr. 11, 2007</td>
</tr>
<tr>
<td>Year 2 clinic Jan. 4, 2007</td>
<td>Apr. 11, 2007</td>
</tr>
<tr>
<td>Dentistry, Years 1 and 2 Jan. 4, 2007</td>
<td>Apr. 27, 2007</td>
</tr>
<tr>
<td>Dentistry, Year 3 classes Jan. 4, 2007</td>
<td>Apr. 27, 2007</td>
</tr>
<tr>
<td>Year 3 clinics Jan. 4, 2007</td>
<td>May 11, 2007</td>
</tr>
<tr>
<td>Dentistry, Year 4 classes Jan. 4, 2007</td>
<td>Feb. 9, 2007</td>
</tr>
<tr>
<td>Year 4 clinics NA</td>
<td>Apr. 27, 2007</td>
</tr>
<tr>
<td>Medicine, Years 1 and 2 NA</td>
<td>May 25, 2007</td>
</tr>
<tr>
<td>Medicine, Year 4 Clerkship Jan. 4, 2007</td>
<td>May 25, 2007</td>
</tr>
<tr>
<td>Occupational Therapy Year 1 Jan. 4, 2007</td>
<td>May 11, 2007</td>
</tr>
<tr>
<td>Intermediate Fieldwork 1 April 30, 2007</td>
<td>June 22, 2007</td>
</tr>
<tr>
<td>Occupational Therapy Year 2 Intermediate Fieldwork 2 March 12, 2007</td>
<td>June 29, 2007</td>
</tr>
<tr>
<td>Occupational Therapy Year 2 Advanced Fieldwork April 30, 2007</td>
<td>June 27, 2007</td>
</tr>
<tr>
<td>Pharmacy, Year 2, experimental rotations April 30, 2007</td>
<td>May 11, 2007</td>
</tr>
<tr>
<td>Pharmacy, Year 3 Community Practice April 2, 2007</td>
<td>May 11, 2007</td>
</tr>
<tr>
<td>Pharmacy, Year 4, experimental rotations Jan. 4, 2007</td>
<td>April 27, 2007</td>
</tr>
<tr>
<td>Respiratory Therapy Years 1 and 2 Jan. 3, 2007</td>
<td>March 16, 2007</td>
</tr>
<tr>
<td>Social Work Years 2 and 3 field instruction Jan. 3, 2007</td>
<td>April 11, 2007</td>
</tr>
</tbody>
</table>

- 20 -
Section 6: Registration and Withdrawal Dates

NOTES: 1. The fee refund schedule may be found in the Registration Guide in the chapter "Fees, Payments and Refunds." 2. Some courses have irregular Voluntary Withdrawal dates. Please refer to your faculty or school section of the Registration Guide.

Term 1 (including full courses) Start End
Nursing Clinical Courses: last date to register Aug. 23, 2006
for Terms 1 and 2
Last date to register and pay fees without penalty Sept. 6, 2006
for all programs (except Agriculture Diploma)
Law: Registration after this date requires Sept. 5, 2006
Dean's approval
Registration revisions and late registration Sept. 7, 2006
Sept. 20, 2006
in all programs (except Agriculture Diploma); A financial penalty is assessed on all late registrations during this period
Agriculture Diploma Sept. 15, 2006
Agriculture Diploma Sept. 18, 2006
Sept. 27, 2006
Last date in all programs (except Agriculture Sept. 20, 2006
Agriculture Diploma)
diploma to withdraw from Term 1 and full courses and not be assessed a "W"
Agriculture Diploma Sept. 27, 2006
Nov. 15, 2006
Last date in all faculties and schools to Voluntary Withdraw Term 1 courses. (See refund schedule in Registration Guide for implications).
term half-courses in all programs (except Agriculture Diploma)
Last date for registration in Term 2 half courses, Jan. 17, 2007
including Challenge for Credit, and/or registration revisions in all programs (except Agriculture Diploma)
Agriculture Diploma Jan. 16, 2007
Jan. 17, 2007
Term 2 half courses and full courses dropped Jan. 16, 2007
after this date from any program (except Agriculture Diploma) are recorded as Voluntary Withdrawals
Agriculture Diploma Jan. 16, 2007
Mar. 19, 2007
Last date for Voluntary Withdrawal from Term 2 Mar. 19, 2007
half courses and full courses without academic penalty from all faculties and schools (except Agriculture Diploma). See refund schedule in Registration Guide for financial implications.
Agriculture Diploma Mar. 9, 2007

Section 4: Fee Deadlines

Last date for all students to pay Term 1 and 1st installment fees Sept. 6, 2006
Agriculture Diploma Sept. 15, 2006
without late fee (except Agriculture Diploma)
Last date for all students to pay Term 2 and 2nd installment fees Jan. 17, 2007
without late fee

Section 5: Dates of University Closure and Mid Term Break

When the University is closed no classes/exam start End
institutions will be held.
Canada Day (Holiday Observed) June 30, 2006
Civic Holiday Aug. 7, 2006
Labour Day Sept. 4, 2006
Thanksgiving Day Oct. 9, 2006
Remembrance Day (Holiday Observed) Nov. 10, 2006
Mid-Term Break* for all Feb. 16, 2007
February and Respiratory Therapy Year 3
Medical Mar. 19, 2007
Medicine Mar. 23, 2007
Good Friday Apr. 6, 2007

Section 6: Regular Session Examination and Test Dates

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

Regular Session 2006-07
Term 1 (including full courses) Start End
Most faculties and schools
Agriculture Diploma Dec. 8, 2006 Dec. 20, 2006
Dental, Years 1, 2, and 3 Dec. 4, 2006 Dec. 15, 2006
Dentistry, Year 4 Dec. 11, 2006 Dec. 15, 2006
Dental Hygiene Year 1 Dec. 4, 2006 Dec. 15, 2006
Dental Hygiene Year 2 Dec. 11, 2006 Dec. 15, 2006
Law 11, 2006 Dec. 21, 2006
Medical, Year 1 Nov. 9, 2006 Nov. 9, 2006
Medical, Year 2 Nov. 23, 2006 Nov. 24, 2006
Pharmacy, Year 4 Oct. 30, 2006 Nov. 3, 2006

Regular Session 2006-07
Term 2 (including full courses) Start End
Most faculties and schools
Dental Hygiene, Years 1 and 2 May 9, 2007 May 26, 2007
Dentistry, Years 1 and 2 May 25, 2007 May 26, 2007
Year 3 May 26, 2007 May 27, 2007
Year 4 May 26, 2007 May 27, 2007
Law Apr. 12, 2007 April 25, 2007
Medical, Year 2 May 16, 2007 May 18, 2007
Medical, Year 2 Mar. 15, 2007 Mar. 16, 2007
Medical, Year 3 May 24, 2007 May 25, 2007
Pharmacy, Year 3 April 25, 2007 April 26, 2007
Pharmacy, Year 4 Apr. 18, 2007 May 1, 2007
Respiratory Therapy Clinical Entrance Exam Year 2 Apr. 27, 2007
Composite Exam Year 3 June 11, 2007

Section 7: Challenge for Credit, Supplemental and Other Special Examinations and Tests

Faculties and schools that extend supplemental examination privileges: last date for applications for autumn supplemental examinations
Language reading tests for graduate students Sept. 9, 2006
Last date to apply for Challenge for Credit for courses offered in Term 1
International Dental Degree Program on-site assessment Dec. 11-15, 2006
End
Last date to apply for Challenge for Credit for courses offered in Term 2
Agriculture Diploma Jan. 4, 2007
Last date for applications for Term 1 supplemental examinations
End
Term 1 supplemental examinations Jan. 8, 2007
Language reading tests for graduate students Apr. 7, 2007
Agriculture Diploma May 4, 2007
Last date for applications for Term 2 supplemental examinations
Term 2 supplemental examinations May 25, 2007
Last day to register for Challenge for Credit for examinations in June series May 5, 2007
Medical Council of Canada examinations Apr. 30 - May 11, 2007
Section 8: Grade Appeal Dates

Term 1 courses
Appeal period for grades received for Term 1 courses
Jan. 4, 2007
Jan. 24, 2007

Term 2 courses and full courses
Appeal period for grades received for Term 2 courses and full courses
May 22, 2007
June 11, 2007

Term 2 and Full
Nursing Summer Term
Apr. 24, 2006
July 27, 2006

Section 9: University Convocation

Fall Convocation
Oct. 18 - 19, 2006

Last date to apply to graduate in Fall
Aug. 1, 2006

Last date to apply for graduation in February
Sept. 20, 2006

School of Agriculture graduation ceremony
May 4, 2007

Faculty of Medicine Convocation ceremony
May 10, 2007

Spring Convocation
June 5 - 7, 2007

Last date to apply to graduate in May
Jan. 15, 2007

Convocation ceremony at Collège universitaire de Saint-Boniface
June 11, 2007

Section 10: Other University Special Events

2006 School Counsellors Admissions Seminar
Sept. 21, 2006

Enrollment Services/Student Recruitment: Evening of Excellence
Oct. 16, 2006

Memorial events for 14 women murdered at l’Ecole Polytechnique in 1989
Dec. 6, 2006

Information Days for high school students
Feb 13-14, 2007

Annual traditional graduation Powwow in honour of Aboriginal students
May 5, 2007

Section 11: Distance Education 2005-2006 Deadline Dates

Last date for registration and fee payment without fee penalty for students wishing to take Distance Education courses commencing in September.
Sept. 5, 2006

First working day of October
Jan. 17, 2007

First working day of February
April 4, 2007

Section 12: Summer Session 2006

Start and End Dates
For more detailed information, please consult the Summer Session Office, 166 Continuing Education Complex. The Summer Session Calendar is available on-line at umanitoba.ca/summer.

Spring Intersession Classes
May 1, 2006
June 20, 2006

Examinations
May 26, 2006
May 27, 2006

Term 1
June 22, 2006
June 23, 2006

Term 2 and Full
May 1, 2006
Aug. 3, 2006

Spring/Summer Evening Classes
May 1, 2006
June 16, 2006
Aug. 4, 2006
July 3, 2006

Examinations
May 1, 2006
Aug. 3, 2006

Term 1
June 16, 2006
June 17, 2006

Term 2 and Full
Aug. 4, 2006
Aug. 5, 2006

Summer Day Classes
July 3, 2006
Aug. 23, 2006

Examinations
Term 1
Aug. 25, 2006
Aug. 26, 2006

Term 2 and Full
July 27, 2006

Other
Apr. 24, 2006
July 27, 2006

Nursing Summer Term

Section 13: Summer Session 2007

Class Start Dates
Nursing summer term begins
April 23, 2007

Spring Intersession Classes
May 7

Spring/Summer Evening Classes
May 7

Summer Day Classes
July 3, 2007

Section 14: Faculty of Graduate Studies
Submission Dates for 2006-2007

For reports on theses/practica (and the correct copies of the theses/practica, comprehensive examinations and M.Eng. projects to be submitted to Graduate Studies by students expecting to graduate in October)
Aug. 30, 2006

Classification in Graduate Studies Office of Ph.D. theses (for distribution) from graduate students expecting to graduate in February
Oct. 10, 2006

For distribution of Master’s theses/practica (to examining committee) by students expecting to graduate in February
Oct. 23, 2006

For reports on theses/practica (and the correct copies of the theses/practica, comprehensive examinations and M.Eng. projects to be submitted to Graduate Studies by students expecting to graduate in February)
Jan. 4, 2007

For receipt in Graduate Studies Office of Ph.D. thesis (for distribution) from graduate students expecting to graduate in May.
Jan. 22, 2007

For distribution of Master’s theses/practica (to examining committee) by students expecting to graduate in May.
Jan. 29, 2007

For reports on theses/practica (and the correct copies of the theses/practica, comprehensive examinations and M.Eng. projects to be submitted to Graduate Studies by students expecting to graduate in May)
April 4, 2007

For receipt in Graduate Studies Office of Ph.D. thesis (for distribution) from graduate students expecting to graduate in October
June 14, 2007

For distribution of Master’s theses/practica (to examining committee) by students expecting to graduate in October
June 25, 2007

Document Revision: Oct. 11, 2005
Preamble

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

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

At its meeting on September 29, 2005 SCOA reviewed seven new awards offers and 12 award amendments and reports as follows.

Observation

On behalf of Senate, the Senate Committee on Awards approved and recommends that the Board of Governors approve seven new awards and 12 award amendments as set out in Appendix "A" of the Report of the Senate Committee on Awards (dated September 29, 2005). These award decisions comply with the published guidelines of November 3, 1999, and are reported to Senate for information.

Respectfully submitted,

Professor Amazis Louka, Vice-Chair
Senate Committee on Awards
OFFERS

NEWMAN STEPHENS AWARD FOR EXCELLENCE
IN RESPIRATORY PHYSIOLOGY

The Institute of Cardiovascular Sciences, under the Directorship of Dr. N.S. Dhalla, provided a sum of $50,000, matched equally by the Manitoba Scholarship and Bursary Initiative for a total fund of $100,000, to offer five separate awards of equal value for recognition of distinguished service. To facilitate the launch of this award, a grant of $10,000 was provided by the Centre for the Advancement of Medicine, under the Directorship of Dr. Arnold Naimark, to support five awards of $1,000 each in each of the first two years of the awards program.

This award recognizes the hard work, leadership and commitment of Dr. Newman Stephens to the Department of Physiology at the University of Manitoba. To be eligible for the award, valued at twenty per cent of the available annual interest, the applicant must be a student who:

(1) is enrolled full-time in the Faculty of Graduate Studies (Master's or Ph.D. program) at the University of Manitoba in a program delivered by the in the Faculty of Medicine, Department of Physiology;

(2) has completed at least one regular session (or two terms) in the Respiratory Physiology program to date;

(3) has achieved a minimum cumulative grade point average of 3.5 (on all graduate courses completed to date);

(4) has demonstrated excellence in research in respiratory physiology.

Applications will consist of a two-page (maximum) description of the applicant's research including career goals, a current academic transcript, two letters of reference, one from the thesis supervisor and the other from a professor at any post-secondary institution, and a copy of the current curriculum vitae of the applicant.

The award may be held concurrently with any other awards. A student may not hold this award more than once.

An award will not be made in any year where the applicants, in the opinion of the selection committee, are not considered to be of sufficient merit. In such a case, or in any other case that results in unspent revenue, the interest will be invested into the capital of the endowment fund.

The selection committee will be appointed and Chaired by the Head of the Department of Physiology (or designate) and will include a representative from each section of the Department of Physiology and the Dean of the Faculty of Medicine (or designate).
LARRY JORDAN AWARD FOR EXCELLENCE IN NEUROPHYSIOLOGY

The Institute of Cardiovascular Sciences, under the Directorship of Dr. N.S. Dhalla, provided a sum of $50,000, matched equally by the Manitoba Scholarship and Bursary Initiative for a total fund of $100,000, to offer five separate awards of equal value for recognition of distinguished service. To facilitate the launch of this award, a grant of $10,000 was provided by the Centre for the Advancement of Medicine, under the Directorship of Dr. Arnold Naimark, to support five awards of $1,000 each in each of the first two years of the awards program.

This award recognizes the hard work, leadership and commitment of Dr. Larry Jordan to the Department of Physiology at the University of Manitoba. To be eligible for the award, valued at twenty per cent of the available annual interest, the applicant must be a student who:

(1) is enrolled full-time in the Faculty of Graduate Studies (Master’s or Ph.D. program) at the University of Manitoba in a program delivered by the in the Faculty of Medicine, Department of Physiology;

(2) has completed at least one regular session (or two terms) in the Neurophysiology program to date;

(3) has achieved a minimum cumulative grade point average of 3.5 (on all graduate courses completed to date);

(4) has demonstrated excellence in research in neurophysiology.

Applications will consist of a two-page (maximum) description of the applicant’s research including career goals, a current academic transcript, two letters of reference, one from the thesis supervisor and the other from a professor at any post-secondary institution, and a copy of the current curriculum vitae of the applicant.

The award may be held concurrently with any other awards. A student may not hold this award more than once.

An award will not be made in any year where the applicants, in the opinion of the selection committee, are not considered to be of sufficient merit. In such a case, or in any other case that results in unspent revenue, the interest will be invested into the capital of the endowment fund.

The selection committee will be appointed and Chaired by the Head of the Department of Physiology (or designate) and will include a representative from each section of the Department of Physiology and the Dean of the Faculty of Medicine (or designate).

EDWIN KROEGER AWARD FOR EXCELLENCE IN CELLULAR PHYSIOLOGY

The Institute of Cardiovascular Sciences, under the Directorship of Dr. N.S. Dhalla, provided a sum of $50,000, matched equally by the Manitoba Scholarship and Bursary Initiative for a total fund of $100,000, to offer five separate awards of equal value for recognition of distinguished service. To facilitate the launch of this award, a grant of $10,000 was provided by the Centre for
the Advancement of Medicine, under the Directorship of Dr. Arnold Naimark, to support five awards of $1,000 each in each of the first two years of the awards program.

This award recognizes the hard work, leadership and commitment of Dr. Edwin Kroeger to the Department of Physiology at the University of Manitoba. To be eligible for the award, valued at twenty per cent of the available annual interest, the applicant must be a student who:

1. is enrolled full-time in the Faculty of Graduate Studies (Master's or Ph.D. program) at the University of Manitoba in a program delivered by the in the Faculty of Medicine, Department of Physiology;

2. has completed at least one regular session in a research program in the field of cellular physiology to date;

3. has achieved a minimum cumulative grade point average of 3.5 (on all graduate courses completed to date);

4. has demonstrated excellence in research in cellular physiology.

Applications will consist of a two-page (maximum) description of the applicant's research including career goals, a current academic transcript, two letters of reference, one from the thesis supervisor and the other from a professor at any post-secondary institution, and a copy of the current curriculum vitae of the applicant.

The award may be held concurrently with any other awards. A student may not hold this award more than once.

An award will not be made in any year where the applicants, in the opinion of the selection committee, are not considered to be of sufficient merit. In such a case, or in any other case that results in unspent revenue, the interest will be invested into the capital of the endowment fund.

The selection committee will be appointed and Chaired by the Head of the Department of Physiology (or designate) and will include a representative from each section of the Department of Physiology and the Dean of the Faculty of Medicine (or designate).

GRANT PIERCE AWARD FOR EXCELLENCE IN CARDIOVASCULAR PHYSIOLOGY

The Institute of Cardiovascular Sciences, under the Directorship of Dr. N.S. Dhalla, provided a sum of $50,000, matched equally by the Manitoba Scholarship and Bursary Initiative for a total fund of $100,000, to offer five separate awards of equal value for recognition of distinguished service. To facilitate the launch of this award, a grant of $10,000 was provided by the Centre for the Advancement of Medicine, under the Directorship of Dr. Arnold Naimark, to support five awards of $1,000 each in each of the first two years of the awards program.

This award recognizes the hard work, leadership and commitment of Dr. Grant Pierce to the Department of Physiology at the University of Manitoba. To be eligible for the award, valued at twenty per cent of the available annual interest, the applicant must be a student who:
(1) is enrolled full-time in the Faculty of Graduate Studies (Master's or Ph.D. program) at the University of Manitoba in a program delivered by the in the Faculty of Medicine, Department of Physiology;

(2) has completed at least one regular session (or two terms) in the Cardiovascular Physiology program to date;

(3) has achieved a minimum cumulative grade point average of 3.5 (on all graduate courses completed to date);

(4) has demonstrated excellence in research in cardiovascular physiology.

Applications will consist of a two-page (maximum) description of the applicant's research including career goals, a current academic transcript, two letters of reference, one from the thesis supervisor and the other from a professor at any post-secondary institution, and a copy of the current curriculum vitae of the applicant.

The award may be held concurrently with any other awards. A student may not hold this award more than once.

An award will not be made in any year where the applicants, in the opinion of the selection committee, are not considered to be of sufficient merit. In such a case, or in any other case that results in unspent revenue, the interest will be invested into the capital of the endowment fund.

The selection committee will be appointed and Chaired by the Head of the Department of Physiology (or designate) and will include a representative from each section of the Department of Physiology and the Dean of the Faculty of Medicine (or designate).

**JANICE DODD AWARD FOR EXCELLENCE IN ENDOCRINE PHYSIOLOGY**

The Institute of Cardiovascular Sciences, under the Directorship of Dr. N.S. Dhalla, provided a sum of $50,000, matched equally by the Manitoba Scholarship and Bursary Initiative for a total fund of $100,000, to offer five separate awards of equal value for recognition of distinguished service. To facilitate the launch of this award, a grant of $10,000 was provided by the Centre for the Advancement of Medicine, under the Directorship of Dr. Arnold Naimark, to support five awards of $1,000 each in each of the first two years of the awards program.

This award recognizes the hard work, leadership and commitment of Dr. Janice Dodd to the Department of Physiology at the University of Manitoba. To be eligible for the award, valued at twenty per cent of the available annual interest, the applicant must be a student who:

(1) is enrolled full-time in the Faculty of Graduate Studies (Master's or Ph.D. program) at the University of Manitoba in a program delivered by the in the Faculty of Medicine, Department of Physiology;

(2) has completed at least one regular session (or two terms) in the Endocrine Physiology program to date;
(3) has achieved a minimum cumulative grade point average of 3.5 (on all graduate courses completed to date);

(4) has demonstrated excellence in research in endocrine physiology.

Applications will consist of a two-page (maximum) description of the applicant's research including career goals, a current academic transcript, two letters of reference, one from the thesis supervisor and the other from a professor at any post-secondary institution, and a copy of the current curriculum vitae of the applicant.

The award may be held concurrently with any other awards. A student may not hold this award more than once.

An award will not be made in any year where the applicants, in the opinion of the selection committee, are not considered to be of sufficient merit. In such a case, or in any other case that results in unspent revenue, the interest will be invested into the capital of the endowment fund.

The selection committee will be appointed and Chaired by the Head of the Department of Physiology (or designate) and will include a representative from each section of the Department of Physiology and the Dean of the Faculty of Medicine (or designate).

**DEPARTMENT OF IMMUNOLOGY GRADUATE STUDENT ACADEMIC AWARD**

In celebration of the retirement of Professor Donna Chow from the Department of Immunology in 2004 an endowment fund was established by her family, friends and colleagues to support an award that encourages the academic excellence of graduate students focusing on Immunology. The fund is initially valued at $7,832. An award, valued at the available annual income, will be offered to a student who:

1. is enrolled full-time in the Faculty of Graduate Studies at the University of Manitoba;
2. has achieved a minimum cumulative grade point average of 4.0 in the graduate program;
3. has achieved the highest cumulative grade in the following two core courses in the Department of Immunology: Immunobiology and Molecular Immunology (currently numbered 72.707 and 72.711 respectively).

The courses must be completed in two sequential years (one after the other with no gap). Candidates will be considered and the award will be offered after the completion of the second course.

The selection committee will be named by the Head of the Department of Immunology.

**FACULTY OF ARCHITECTURE EMERGENCY BURSARY**

The Faculty of Architecture at the University of Manitoba seeks to assist promising students through the establishment of an emergency bursary fund. The fund has been established by the Dean of the Faculty of Architecture through a series of undirected funds from alumni, with an initial balance of $10,000.
Financial assistance will be made available to students in the Faculty of Architecture for graduate students (Architecture, City Planning, Interior Design and Landscape Architecture), who do not qualify through the student loans program. Preference will be given to mature students with dependents.

One or two annual bursaries, valued at a minimum of $500 each, will be offered to students who:

1. have completed at least one year of study in the Faculty of Graduate Studies in a department in the Faculty of Architecture at the University of Manitoba;

2. are enrolled as full-time students in a Master's degree program in Architecture, City Planning, Interior Design or Landscape Architecture;

3. have achieved a minimum grade point average of 3.0 on all courses completed in the Faculty of Architecture.

Applications for funding will consist of a letter of interest from the candidate that outlines their need for funding and how it will assist them in their program of study.

The selection committee will be the Dean of the Faculty of Architecture and the Partners Program Coordinator.

AMENDMENTS

MANITOBA EGG PRODUCERS SCHOLARSHIP IN ANIMAL SYSTEMS

MANITOBA EGG PRODUCERS SCHOLARSHIP IN FOOD SCIENCE

MANITOBA EGG PRODUCERS SCHOLARSHIP IN DIPLOMA AGRICULTURE

The value of these scholarships will be increased to $600 each (from $400 each).

MANITOBA EGG PRODUCERS SCHOLARSHIP IN HUMAN ECOLOGY

The value of this scholarship will be increased to $600 (from $500).

MANITOBA EGG PRODUCERS BURSARY

The value of this bursary will be increased to $1,000 (from $800).

GOVERNOR GENERAL'S ACADEMIC MEDALS

The University of Manitoba has been allocated a second Governor General's Bronze Medal. The first medal has historically been offered in the School of Agriculture. This second medal will be offered to the student who achieves highest standing in a diploma program at least two years in length with a minimum requirement of 48 credit hours over a two year program. The programs that currently qualify are the School of Art, the School of Dental Hygiene and the Aboriginal Focus Programs (Community Wellness and Aboriginal Child and Family Services).
BRUCE CURRIE MEMORIAL PRIZE

The terms of reference for this prize will undergo two amendments. First, the prize will now be offered to a graduating MBA student. Second, the selection committee, which has been named by the Dean of the I.H. Asper School of Business and included the MBA Program Committee chairperson as well as a representative of the MBA program committee, will now simply be the MBA Program Committee.

CANADIAN CREDIT MANAGEMENT FOUNDATION MBA MANITOBA FELLOWSHIP

The terms of reference for this prize will undergo several amendments. First, the title of the fellowship will be updated to reflect the name change of the MBA program to CANADIAN CREDIT MANAGEMENT FOUNDATION ASPER MBA FELLOWSHIP. Second, the terms of reference will be updated to reflect the same program name change. Third, it will be clarified that the fellowship will be offered to students who enter the MBA program as full-time students. Finally, the selection committee, which has been named by the Dean of the I.H. Asper School of Business and included the MBA Program Committee chairperson as well as a representative of the MBA program committee, will now simply be the MBA Program Committee.

ASSOCIATES AWARD FOR PART-TIME MBA STUDY

The title of this award will be amended to the ASSOCIATES AWARD FOR STUDY IN THE ASPER MBA PROGRAM. The terms of reference will be further amended to indicate that the award will be offered to the student who achieves second highest grade point average in the Asper MBA program (previously the highest grade point average in a minimum of 48 credit hours, provided that no more that nine credit hours have been taken in any one term). Finally, the selection committee, which has been named by the Dean of the I.H. Asper School of Business, will now simply be the MBA Program Committee.

M.B.A. ENTRANCE SCHOLARSHIP

The terms of reference for this scholarship will undergo several amendments. First, reference to the full-time MBA Manitoba Program will be updated to the Asper MBA Program. Second, the purpose of the scholarship will continue to be to attract highly qualified candidates to the program but the scholarship will no longer be renewable for the second year of study. Third, the tenability of the scholarships with other awards will no longer be limited to $4,000. Finally, the selection committee, which has been the Director of the MBA Manitoba Program in consultation with the MBA Program Committee and the Dean of the School, will now simply be the MBA Program Committee.

CERTIFIED GENERAL ACCOUNTANTS OF MANITOBA AWARD

The terms of reference for these awards will undergo several amendments. First, the CGA Award has been offered in the Master of Business Administration program to the graduating MBA Manitoba student who achieved the highest cumulative grade point average in the program. This will be amended to reflect that this award will be offered in October to the graduating Asper MBA student achieving the highest cumulative grade point average in the program among those who took the program in one year and completed the program requirements in the last twelve months. Second, one additional award has been offered to a
graduating student from the Part-time MBA program achieving the highest cumulative grade point average in the program. The will be amended to reflect that the award will be offered in May to a graduating student from the Asper MBA program achieving the highest cumulative grade point average in the program among those who required more than one year to complete the program and who satisfied all requirements in the last twelve months.

**FRANK AND DONNA HRUSKA PRIZE**

The terms of reference will undergo two amendments. First, it will be noted that preference will be given to students enrolled in University 1. Second, the annual interest that remains after the prizes are offered will be used to provide the Frank and Donna Hruska Award for support of students enrolled in graduate studies under the supervision of a faculty member of the Chemistry Department of the University of Manitoba. The selection committee will have the discretion to offer the remaining interest to students to a) purchase books relevant to their research; b) purchase subscriptions to scientific journals such as Nature or Science; c) assist with the expenses incurred by travel to conferences and workshops. To apply for the Frank and Donna Hruska Award, students will be required to submit a letter outlining their proposed use of the award.
04 October 2005

Ms Louise Gordon
Executive Director
Council on Post-Secondary Education
410 - 330 Portage Avenue
Winnipeg, Manitoba
R3C 0C4

Dear Ms Gordon,

Statement of Intent:
Master of Physical Therapy

On behalf of The University of Manitoba, I am pleased to submit the attached Statement of Intent to establish a Master of Physical Therapy (MPT) program in the School of Medical Rehabilitation to replace the current Bachelor of Medical Rehabilitation (Physical Therapy).

As described in the Statement of Intent, the MPT will build on the strengths of the existing undergraduate program with a refocus and restructuring around curriculum content in contemporary rehabilitation sciences that is particularly important to the discipline and practice of physical therapy. This is consistent with program changes initiated in a number of other provinces, as shown in Appendix B.

Because the proposed MPT would become the entry-to-practice credential, we understand that your Council's response to this Statement of Intent may be delayed until that issue is considered by the relevant authority.

The resource needs of this new program are relatively modest, and will be met from within the University's operating budget. Accordingly, we do not anticipate that the full program proposal will request additional financial support from COPSE.

My colleagues in the School of Medical Rehabilitation and I would be pleased to provide any additional other information your Council may require during its consideration of this Statement of Intent.
Yours sincerely,

[Signature]

Richard A. Lobdell
Vice-Provost (Programs)

Encl.

cc  Emőke J.E. Szathmáry, President
    Robert Kerr, Vice-President (Academic) and Provost
    Jay Doering, Dean, Faculty of Graduate Studies
    Emily Etcheverry, Director, School of Medical Rehabilitation
    Dean Sandham, Dean, Faculty of Medicine
    Jeff Leclerc, University Secretary
STATEMENT OF INTENT

Institution

- Brandon University
- University of Manitoba
- University of Winnipeg
- Collège Universitaire de Saint-Boniface
- Assiniboine Community College
- Keewatin Community College
- Red River Community College

Program Overview

Program Name: Physical Therapy

Credential to be offered: entry-to-practice graduate degree: Master of Physical Therapy (MPT)

Does the program require accreditation from a licensing group? YES NO

If yes, name group: Accreditation Council for Canadian Physiotherapy Academic Programs

Length of the program: _24_ Years _X_ Months _0_ Semesters

Proposed program start date: 25/August/2008 Day/Month/Year

Which department(s) within the institution will have responsibility for the program?
Department of Physical Therapy, School of Medical Rehabilitation

As compared to other programs your institution will be proposing, the priority of this program is:

- High
- Medium
- Low

Is this a new program? YES

This program will replace the current entry-to-practice Bachelor of Medical Rehabilitation degree in Physical Therapy BMR(PT). Changes to the program are both structural and curriculum content related. Therefore, this program is being presented as a new program.

Is this a revision of an existing program? YES NO

If YES, name program

What are the impacts of changing this program?

This program will replace the current Bachelor of Medical Rehabilitation degree in Physical Therapy. Admission criteria and pre-requisites for entry to this program are changing to a requirement for a first degree with specified course pre-requisites from the current minimum of 30 credit hours with specified course pre-requisites. Length of time in the professional program is changed. Appendix A, attached, illustrates the differences between the current and the proposed programs. Curriculum content is changing to focus more time on knowledge translation of evidence to physiotherapeutic clinical applications. Curriculum content changes are required in order to meet accreditation requirements for 2010.

Final September 12, 2005
STATEMENT OF INTENT

● Will the program be available to part-time students? □ YES   X NO

The program requires full time study. Integration of content will occur within courses, across years, and from academic studies to clinical experience. Therefore, this approach is not conducive to part time study.

● Will this program have a cooperative education component? X YES   □ NO

If YES, how long will the field placement be?

There are between 26 and 30 weeks of supervised clinical experience, no less than a total of 1000 hours, integrated into the curriculum and staged at key points to consolidate the academic learning in the curriculum plan. The clinical experiences are scheduled in such a manner as to optimize the availability of the clinical placements and the supervising clinicians at the various sites across Manitoba.

● Will the program contain an option to assess the prior learning of students, to grant credit for the skills/knowledge already present? □ YES   X NO

Provide Details:

Students will be required to complete all components of the program in order to graduate and become eligible for practice in the profession of physical therapy. Internationally educated physical therapists who require specific academic courses for eligibility to write the national Physiotherapy Competency Examination will receive consideration as occasional students in the program.

● Will there be distance delivery options? □ YES   X NO

Provide Details:

● Will this program be delivered jointly with another institution? □ YES   X NO

If YES, name the institution

● Are similar programs offered in Manitoba or other jurisdictions? □ YES   X NO

If YES, indicate why this program is needed (e.g., area of specialization)

Within Manitoba, this program would only be offered through the University of Manitoba. There are 12 other academic programs of physiotherapy in Canada. Of these twelve programs 6 currently offer a graduate entry-to-practice program in physical therapy; the other programs are currently developing proposals to change from an undergraduate entry-to-practice degree to a graduate entry-to-practice degree. See Appendix B for a table of information on the Canadian academic physical therapy programs.

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

None are presently planned.

Specific Program Information

1 The terms physiotherapy and physiotherapist are considered synonyms for physical therapy and physical therapist respectively and will be used interchangeably in this document.

Final September 12, 2005
STATEMENT OF INTENT

1. Program Description

Describe the program and its objectives:

The Master of Physical Therapy Program is a 24 month graduate-level entry-to-practice academic program of study that includes no less than 1000 hours of supervised clinical practice. This evidence-based course of study is anchored in the rehabilitation sciences, building on our roots in the medical model with strong influences from the fields of population health, wellness, psychosocial and disabilities studies.

It is proposed that the new program in physical therapy be launched in the fall of 2008. This new program will build on the strengths of the existing program with a refocus and restructuring around curriculum content in contemporary rehabilitation sciences that is important to the discipline and practice of physical therapy. Highlights of the new program will include:

✓ The new program is a second degree program. Before entering this new program students must have completed an undergraduate degree in any field, including required course pre-requisites. Pre-requisite studies will include human anatomy and physiology and English literature and introductory courses in psychology, human development across the lifespan and statistics.

✓ The curriculum structure includes an integrated schedule of academic and clinical experience that takes place over a concentrated 24 month period. A table comparing the current program to that of the new program is contained in Appendix A.

✓ Curriculum content includes knowledge, skills and attitudes required for entry-level practice as a registered physical therapist. The focus of the discipline of physical therapy is improvement in the function and health of clients through mobility/movement.

✓ Teaching and learning methods in the academic components of the curriculum include a mixture of lectures, seminars, laboratory sessions, case studies, problem solving exercises, small group work, focused self-directed and independent studies. Classroom time will not exceed 24 hours per week. Students will participate in clinical experiences supervised by practicing clinicians in conventional and emerging work environments for physical therapists. Students will progress from novice to competent as they meet the expectations of consolidating their academic knowledge with their clinical skills.

The objectives of the graduate entry-level physical therapy education program cover 7 major areas. Each area has an identified learning goal.²

1. Professional Accountability
The student will assume professional responsibility and demonstrate safe, ethical, culturally sensitive and autonomous professional practice.
Describe the program and its objectives: (continued)


Final September 12, 2005
2. Communication and Collaboration
The student will communicate with clients and professionals in other disciplines to collaborate and coordinate services.

3. Professional Judgment and Reasoning
The student will apply principles of critical thinking, while solving problems and making decisions.

4. Client Assessment
The student will assess client’s physical and psychosocial status, functional abilities, needs and goals.

5. Physical Therapy Diagnosis/Clinical Impression and Intervention Planning
The student will analyze data collected, establish the physical therapy diagnosis/clinical impression and prognosis, and develop a client-centred physical therapy intervention strategy.

6. Implementation and Evaluation of Physical Therapy Intervention
The student will implement physical therapy interventions to meet client/patient needs, evaluate their effectiveness for the client and incorporate findings into future intervention.

7. Practice Management
The student will manage the physical therapist’s role and implement physical therapy services within the diverse contexts of practice.

Provide an overview of the content to be taught in this program:
The proposed program will incorporate the core principle of evidence-based knowledge through a combination of academic study and supervised clinical experience. Graduates will apply knowledge translation about the evidence at the level of the client in client-centred practice. Graduates will understand the relationship between judgment and evidence in their clinical decision making and will practice self-evaluation/reflection to continuously improve their knowledge and skills. The program will graduate competent physical therapists who will assume professional responsibility and demonstrate safe, ethical, culturally sensitive and autonomous professional practice. All content will be strongly related to a client’s function across the lifespan and includes community and groups to address the expanding role of physiotherapy to meet the changing needs of society. See Appendix C.

2. Enrolment
● What is the program's initial projected enrollment? 50 students

● What is the projected enrollment for the 2nd and 3rd years? 50 students in each year of the program

● Describe the expected student profile?
A student who has maintained a high grade point average and, at a minimum, has completed a previous undergraduate degree with prerequisite courses in human anatomy, physiology, psychology, English, statistics and studies in human development across the lifespan.

3. Labour Market Information
STATEMENT OF INTENT

What labour market need is the program expected to meet?
The University of Manitoba Physical Therapy program currently provides 83% of the human resource in physical therapy in Manitoba.
The academic program at the University of Manitoba is needed to:
a.) meet the health human resource needs for physical therapists in Manitoba,
b.) advance knowledge and educate physical therapists in a manner that is responsive to the health, social, and cultural needs of Manitobans,
c.) continue to provide and sustain best quality care for Manitobans, and
d.) ensure our academic program is equivalent to those in the rest of Canada and is aligned with national standards.

Are there currently jobs in Manitoba in this field?
If yes, where (geographic location and industry)?
Physiotherapists are employed in both the public sector and in the private sector throughout Manitoba. In the public sector, physiotherapists are typically employed by hospitals, rehabilitation and long term care facilities within regional health authorities and by not-for-profit community agencies in health and education fields. In the private sector physiotherapists are typically employed by established private practice physiotherapy clinics and insurance agencies.

What is the future job forecast for individuals with this education/training/credential?
Emerging opportunities for physiotherapists’ employment include primary health care including primary prevention, home care and community care. There may be other opportunities, as yet unidentified that physiotherapists could create to serve the health need of Manitobans.

How does this program fit with Manitoba’s stated economic, social and other priorities?
The new graduate entry-level physiotherapy academic program replaces the existing program and would provide qualified competent physical therapists to contribute to the health human resource needs for Manitoba’s health care system in urban, rural, northern and remote regions. The proposed program is aligned with priorities identified in the November 22, 2004 Province of Manitoba Speech from the Throne including: Education First, Growth in Population, and Health Innovation. The economic plan for “Education First” included “targeted increases in the education of health professionals and Aboriginal professionals in all fields”. In addition to the proposed change in education for physical therapists in Manitoba the program will continue to be accessible to the indigenous peoples of Canada. New Manitobans who have a foreign degree in physical therapy will be assisted through the program to prepare for eligibility to practice in Canada consistent with the Growth in Population priority. Graduates of the program will have the knowledge and skill set to contribute to the Health Innovation initiatives, specifically: improving the mobility of the increased number of Manitobans who will benefit from the larger number of hip and knee surgeries; influencing health prevention and healthy living strategies of individual Manitobans, prescribing fitness and activity programs for youth, and addressing the mobility and activity needs of Manitobans with chronic diseases including diabetes. In addition to these initiatives that were also reiterated in the 2005 Manitoba Budget Address graduates of the program can contribute to the care and well-being of Manitobans through home care and community care.

What agencies, groups, institutions will be consulted regarding development of the program?
The following consultations will occur:
- Manitoba Health

Final September 12, 2005
STATEMENT OF INTENT

- Winnipeg Regional Health Authority: the single largest employer of physiotherapists in Manitoba
- Physiotherapy Alliance of Manitoba (coalition of physiotherapy private practice owners and the second largest group of employers of physiotherapists in Manitoba)
- Regional Health Authorities of Manitoba (RHAM)
- Office of Rural and Northern Health (ORNH)
- First Nations of Manitoba
- College of Physiotherapists of Manitoba (CPM)
- Manitoba Branch of the Canadian Physiotherapy Association (MBCPA)
- Faculty of Medicine, University of Manitoba
  - Department of Human Anatomy and Cell Sciences
- Faculty of Nursing, University of Manitoba
- Faculty of Physical Education and Recreation Studies
- Faculty of Graduate Studies, University of Manitoba
- Faculty of Arts, University of Manitoba
- Faculty of Science, University of Manitoba
- Brandon University
- University of Winnipeg
- Occupational Therapy Program, School of Medical Rehabilitation
- Respiratory Therapy Program, School of Medical Rehabilitation
- The community of physiotherapists in Manitoba
- Clients/patients of physical therapy services

Is there any other information relevant to this program?

This program will be phased in as the BMR(PT) program is phased out. See Appendix D for the timing, enrolment numbers and output. The first intake of students into the new program will occur in fall of 2008. The last intake of students into the BMR(PT) program will be the fall of 2006. There will be no intake in 2007. This phasing ensures that there will be a graduating class in each year during the transition and annually thereafter with the new program. This transition from the current program to the new program is designed to achieve several goals:

1. to allow time for prospective students to meet the academic requirements for entry into the new program
2. to ensure a steady supply of physical therapists into the workforce
3. to allow time for stakeholder consultation with prospective employers, associated academic programs and clinicians among others
4. to allow time for completion of detailed course content development in consultation with content experts in the clinical community
5. to respect the reality of limited availability of placement sites for the clinical experience component of the program

4. Financial Information

Funds used by the Bachelor of Medical Rehabilitation (Physical Therapy) program will be used for this proposed graduate entry-level program. 2005-06 budget figures are used. Adjustments will need to be made for 2008 dollars.

Final September 12, 2005
## STATEMENT OF INTENT

<table>
<thead>
<tr>
<th>Projected Program Costs:</th>
<th>Salary</th>
<th>Operating</th>
<th>Capital</th>
<th>Total cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$1,418,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Projected Program Revenue:</th>
<th>Tuition</th>
<th>Other</th>
<th>Total revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>$1,418,000</td>
</tr>
</tbody>
</table>

Submitted by:

Jay Doerning, Ph.D, P.Eng
Name (print)

Dean, Faculty of Graduate Studies
Position

Signature

Date 26/09/05

Final September 12, 2005
### Appendix B

**S...EMENT OF INTENT**

**CANADIAN ACADEMIC PHYSICAL THERAPY PROGRAMS**

<table>
<thead>
<tr>
<th>Program</th>
<th>Implemented M.P.T.</th>
<th>Developing M.P.T.</th>
<th>Also Has Post-graduate P.Sc. or equivalent</th>
<th>Total M.P.T. Program Length (months)</th>
<th>Total Clinical Fieldwork (weeks)</th>
<th>Total Credit Units</th>
<th>Number of Students/Year</th>
<th>Entry-level Tuition</th>
<th>M.Sc. or equivalent Degree Tuition</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of British Columbia School of Rehabilitation Sciences</td>
<td>X</td>
<td>X</td>
<td></td>
<td>26</td>
<td>31</td>
<td>80 cr.</td>
<td>40</td>
<td>11 000 for complete program</td>
<td></td>
</tr>
<tr>
<td>University of Alberta Faculty of Rehabilitation Medicine</td>
<td>X</td>
<td>X</td>
<td></td>
<td>26 to 31</td>
<td>31</td>
<td>112 cr.</td>
<td>72</td>
<td>19600 for 2.5 years Excl non-instructional fees</td>
<td></td>
</tr>
<tr>
<td>University of Saskatchewan School of Physical Therapy</td>
<td>X</td>
<td></td>
<td></td>
<td>24 mo and 6 weeks</td>
<td>30</td>
<td>131</td>
<td>40</td>
<td></td>
<td></td>
</tr>
<tr>
<td>University of Manitoba School of Medical Rehabilitation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>University of Western Ontario Department of Physical Therapy</td>
<td>X</td>
<td>X</td>
<td></td>
<td>24</td>
<td>29</td>
<td>n.a.</td>
<td>44 to 48</td>
<td>6755/yr 7804 with ancillary fees</td>
<td></td>
</tr>
<tr>
<td>McMaster University School of Rehabilitation Sciences</td>
<td>X</td>
<td>X</td>
<td></td>
<td>24</td>
<td>30</td>
<td>69 unils</td>
<td>57</td>
<td></td>
<td></td>
</tr>
<tr>
<td>University of Toronto Department of Physical Therapy</td>
<td>X</td>
<td>X</td>
<td></td>
<td>24</td>
<td>25</td>
<td>18.5 unit wks</td>
<td>72</td>
<td>Domestic: 7471/yr International: 15081/yr</td>
<td>6176/yr</td>
</tr>
<tr>
<td>Université d’Ottawa School of Rehabilitation Sciences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Queen’s University Physical Therapy Program</td>
<td>X</td>
<td>X</td>
<td></td>
<td>24</td>
<td>30</td>
<td>n.a.</td>
<td>45</td>
<td>6900/yr excl activity fees</td>
<td></td>
</tr>
<tr>
<td>McGill University School of Physical Therapy</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Université de Montréal École de réadaptation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Université Laval Département de physiothérapie</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dalhousie University School of Physical Therapy</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

n.a. = not available

Modified from table prepared by: V. Dal Bello Haas, School of Physical Therapy, University of Saskatchewan
STATEMENT OF INTENT

This is a chart outlining the timing, enrolment numbers and output of the proposed change from the current BMR(PT) program to a physical therapy graduate entry-to-practice (ETP) program also known as the MPT program.

<table>
<thead>
<tr>
<th>Period</th>
<th>Current BMR(PT)</th>
<th>Proposed MPT</th>
<th>Potential No. of Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Year 1</td>
<td>Year 2</td>
<td>Year 3</td>
</tr>
<tr>
<td>2004-05</td>
<td>51</td>
<td>47</td>
<td>46</td>
</tr>
<tr>
<td>2005-06</td>
<td>51</td>
<td>51</td>
<td>45</td>
</tr>
<tr>
<td>2006-07</td>
<td>50₁</td>
<td>50</td>
<td>51</td>
</tr>
<tr>
<td>2007-08</td>
<td>No intake₂</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>2008-09</td>
<td>-</td>
<td>-</td>
<td>50</td>
</tr>
<tr>
<td>2009-10</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Notes to Table:
1. It is proposed that the last intake in the current BMR(PT) program occur in the fall of 2006.
2. It is proposed that there be no intake for the 2007-08 academic year. Reasons for no intake during 2007-08 academic year:
   - each student requires 7 clinical placements with our colleagues in the community for a total of 350 clinical placement requirements in any given year; currently the PT program is challenged to find sufficient commitments for the clinical experience for our students; it would be impossible to find sufficient placements for a double cohort year i.e. 2007-08; the clinical community could not accommodate the additional placement requirements;
   - this would maintain a steady state of physiotherapist human resources for entry into the workforce; and
   - faculty require lead time to develop courses, arrange resources for new program.
3. The proposed MPT program would accept an intake of 50 students in the fall of 2008.

Prepared by J. Swinamer
March 28, 2005
Revised September 12, 2005
## STATEMENT OF INTENT

The table below compares the current entry-to-practice Bachelor of Rehabilitation Medicine (Physical Therapy) program to the proposed entry-to-practice Master of Physical Therapy program.

<table>
<thead>
<tr>
<th></th>
<th>BMR(PT) (current)</th>
<th>MPT (proposed)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Entry Requirements</strong></td>
<td>One year Arts or Sciences including Psychology, Sociology, Biology, three credit English courses and one and one-half electives (equivalent to 30 credit hours).</td>
<td>Three year undergraduate degree with prerequisite courses in: human anatomy, physiology and English literature and introductory courses in psychology, human development across the lifespan and statistics.</td>
</tr>
<tr>
<td><strong>Length of Program</strong></td>
<td>3 years (114 weeks)</td>
<td>2 years (91 weeks)</td>
</tr>
<tr>
<td><strong>Number of students each Year</strong></td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td><strong>Research and Evaluation skills</strong></td>
<td>One research methods course</td>
<td>Research and evaluation skills integrated with clinical skills and applied to practice at the level of the client, content increased with emphasis on evidence based practice skills or best practice skills to enable students to effectively integrate research evidence into daily practice; students will have an opportunity to undertake group research projects</td>
</tr>
<tr>
<td><strong>Methods of Teaching and Learning</strong></td>
<td>Courses vary in length with heavy emphasis on lecture and labs</td>
<td>Courses will vary in length with decreasing emphasis on lecture and increasing emphasis on focused self-directed learning over the length of the program; with a maximum of 24 hours per week of &quot;in-class&quot; time; requirement of a &quot;capstone&quot; exercise</td>
</tr>
<tr>
<td><strong>Clinical Placement Experience</strong></td>
<td>33 weeks</td>
<td>30 weeks</td>
</tr>
<tr>
<td><strong>Skill level at end of program</strong></td>
<td>Competent entry level practitioner</td>
<td>Competent entry level practitioner</td>
</tr>
<tr>
<td><strong>Advanced Education Opportunities</strong></td>
<td>Can apply to MSc(Rehab) program and other current master level graduate programs</td>
<td>Can apply to an MSc or may receive a conditional acceptance PhD program</td>
</tr>
<tr>
<td><strong>Eligibility for Registration to Practice</strong></td>
<td>Yes upon completion of the 2 part Physiotherapy Competency Examination</td>
<td>Yes upon completion of the 2 part Physiotherapy Competency Examination</td>
</tr>
</tbody>
</table>

The following charts compare the curriculum map of current entry-to-practice Bachelor of Rehabilitation Medicine (Physical Therapy) program to the proposed entry-to-practice Master of Physical Therapy program curriculum map.

Developed by J. Swinamer  
Revised April 20, 2005  
Page 1 of 2
### CURRENT BM(R)PT CURRICULUM MAP

| YEAR 1 | Basic Sciences & Cardio-Respiratory Academic Year; scheduled from the end of August to mid April. | Cardio-Respiratory Clinical Placement (Total of 6 weeks). Available May to August. |
| YEAR 2 | Musculo-Skeletal Academic Year; scheduled from the end of August to mid March. | Musculo-Skeletal Clinical Placement (Total of 10 weeks). Available mid March to mid June. |
| YEAR 3 | Neuro Sciences Academic Year. Scheduled from end of August to mid February. | Neurosciences Clinical Placement (Total of 8 Weeks). Available March to June. | Internship (Total of 8 weeks). Available March to August. |

### PROPOSED MPT CURRICULUM MAP

| YEAR 1 | Foundations of Physical Therapy 6 weeks followed by 1 week of clinical observation and skills consolidation. Scheduled from end of August to mid October. | Fundamentals of Physical Therapy Practice Part 1; Health Promotion and Disease Prevention, Physiotherapeutic Management of acute (episodic), chronic and latent conditions Part 1. Scheduled from mid October to end of May. Includes 2 periods of Clinical Placement in the community for a total of 6 weeks. | Ethical and Professional Issues; Health Care System and Financing; and Introduction to Capstone exercise (major project) Scheduled June to mid-July (6 weeks) |
| YEAR 2 | Fundamentals of Physical therapy Practice Part 2; Health Promotion and Disease Prevention, Physiotherapeutic Management of acute (episodic), chronic and latent conditions Part 2. Scheduled from the end of August to the end of February. Includes 3 periods of Clinical Placement in the community for a total of 12 weeks. | Advanced Practice in Physiotherapy/ Special Conditions in Health/ Capstone exercise. Scheduled March to June. | Clinical Placement in the community (Total of 8 weeks). Available July to October |
STATEMENT OF INTENT

Overview of the Content to be taught in the physical therapy graduate entry-to-practice program

Year 1:

Advanced Human Anatomy

Foundations of Physical Therapy
  Movement Theory – principles and applications for physical therapy
  Fundamentals of Primary Health Care, Wellness, Prevention
  Exercise, Physical Activity and Evaluation
  Introduction to the literature on activity, participation and fitness
  Introduction to Screening, Examination and Interviewing

Fundamentals of Physical Therapy Practice Part 1
  Client examination, interviewing, cultural sensitivity
Professional Practice expectations:
  Client-centred care
  Reflective practice
  Lifelong learning
  Clinical reasoning
  Therapist as teacher
  Social responsibility
Collaborative, Interprofessional Practice

Health Promotion and Disease Prevention, Physiotherapeutic Management of acute (episodic), chronic and latent conditions Part 1
  • Introduction to Health Promotion and Disease Prevention models and applications: primary prevention, primary health care
  • Movement Analysis and Dysfunction – conditions and compensatory movements
  • Application of physiotherapeutic interventions to conditions and expected outcomes
  • Care planning, goal setting, measuring outcomes

Clinical Placement in the community

Ethical and Professional Issues

Health Care System and Financing

Introduction to Capstone exercise (major project)
  Selection of project and faculty advisor for project
  Proposal draft

Prepared by J. Swinamer
Revised May 19, 2005-
March 28, 2005
Page 1 of 2
STATEMENT OF INTENT

Year 2:

Fundamentals of Physical Therapy Practice Part 2
   Legal aspects of practice, boundary issues, negligence
   Program evaluation
   Case management, consultation
   Supervision, delegation
   Business principles

Health Promotion and Disease Prevention, Physiotherapeutic Management of acute (episodic), latent and chronic conditions Part 2
   • Health Promotion and Disease Prevention, Part 2
   • Movement Analysis and Dysfunction – conditions and compensatory movements
   • Application of physiotherapeutic interventions to conditions and expected outcomes
   • Care planning, goal setting, measuring outcomes

Clinical Placement in the community

Advanced Practice in Physiotherapy/ Special Conditions in Health
   Developmental conditions
   Persons with disability
   Community health

Capstone exercise
   Completion of Project
   Paper Submission/Poster presentation

Advanced Clinical Placement in the community
26 September 2005

Ms Louise Gordon
Executive Director
Council on Post-Secondary Education
410 - 330 Portage Avenue
Winnipeg, Manitoba
R3C 0C4

Dear Ms Gordon,

Statement of Intent:
B.Sc. (Gen) in Geological Sciences

On behalf of The University of Manitoba, I am pleased to submit the attached Statement of Intent to establish a new three-year B.Sc. (Gen) degree program in Geological Sciences within the Clayton H. Riddell Faculty of Environment, Earth, and Resources.

Prior to the establishment of the Riddell Faculty, students could choose to pursue a three-year general degree with an emphasis on Geological Sciences within the Faculty of Science. This new program would reestablish that option within the Riddell Faculty. Students would be given an opportunity to gain a basic understanding of geological sciences in combination with a second subject in the form of a minor.

No new courses are required to mount this program, the resource needs of which can be met from within the University's current operating budget. Accordingly, we do not require additional financial support from COPSE. Our aim is to implement this program effective September 2006.

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

Richard A. Lobdell
Vice-Provost (Programs)

Encl.

cc  Emőke J.E. Szathmáry, President
    Robert Kerr, Vice-President (Academic) and Provost
    Leslie King, Dean, Clayton H. Riddell Faculty of Environment, Earth, and Resources
    Jeff Leclerc, Acting University Secretary
Council On Post-Secondary Education

STATEMENT OF INTENT

Institution

Brandon University
✓ University of Manitoba
✓ University of Winnipeg
✓ Collège universitaire de Saint-Boniface

Assiniboine Community College
Keewatin Community College
Red River Community College

Program Overview

Program Name: Bachelor of Science in Geological Sciences (General)

Credential to be offered: B.Sc. G.Sc. (Gen.)

Does the program require accreditation from a licencing group? YES ✓ NO

Length of the program: ___3____ Years  ___0___ Months  ___0___ Semesters

Proposed program start date: 01 / 09 / 2006

Day/Month/Year

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

Geological Sciences

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

Is this a new program? ✓ YES NO

Is this a revision of an existing program:
✓ YES ✓ NO

If YES, name program

What are the impacts of changing this program?

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

Will this program have a cooperative education component?
✓ YES ✓ NO

If YES, how long will the field placement be?

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

Provide Details

Will there be distance delivery options?
✓ YES ✓ NO

Provide Details

A number of courses in Geological Sciences are currently available by distance delivery: 7.144 Introduction to Dynamic Earth (3), 7.136 Environmental Earth Science (3), 7.239 Environmental Geology (3), and 7.257 Energy and Mineral Resources. These courses are appropriate for use toward a concentration of 30 credit hours in the Geological Sciences. In addition, students may use courses delivered by distance to obtain a minor of 18 credit hours (e.g., in Geography), and to obtain electives in the program.

Will this program be delivered jointly with another institution?
✓ YES ✓ NO

If YES, name the institution

Are similar programs offered in Manitoba or other jurisdictions?
✓ YES ✓ NO

If YES, indicate why this program is needed (e.g., area of specialization)

Brandon University offers a 3-year Major program in Geology. However, University of Manitoba is the only university in Winnipeg where students could obtain a 3-year program in Geological Sciences.

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

Currently, there are no arrangements being considered.
Specific Program Information

1. Program Description

Describe the program and its objectives:

The objective of a three-year General program in Geological Sciences is to give students a basic understanding of the discipline in combination with a degree of depth in a second subject area. While in the Faculty of Science, a concentration in Geological Sciences courses was available to students enrolled in the Bachelor of Science General program. With the creation of the Faculty of Environment, Earth, and Resources, students no longer had any way to get a concentration in the Geological Sciences, other than through four-year Honours or Major programs in Geological Sciences. Therefore, another objective of this new General program is to re-establish an option for students which has been removed through an administrative change.

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

- A Geological Sciences component consisting of a minimum of 30 credit hours. The 30 credit hours includes 6 credit hours at the introductory level and one additional 3 credit hour core course (007.2XX Introductory Mineralogy with Essentials of Mineral Optics) which forms the basis for a number of courses at the 2nd and 3rd year level.
- A minor concentration of 18 credit hours (minimum) in a different department or an interdisciplinary program. In general, this will normally correspond to a Minor as structured by a specific department or program, e.g. in the Clayton H. Riddell Faculty of Environment, Earth, and Resources, or the Faculty of Arts, or the Faculty of Science. A customized minor of 18 credit hours may be possible with Department of Geological Sciences and Faculty approval.
- Students will normally have completed University 1 requirements. Students who have not met these requirements while in University 1, must meet the requirements prior to graduation.
- To qualify for the degree, students must complete 90 credit hours, inclusive of Geological Sciences courses, a minor in a second department or program, and any University 1 requirements.

2. Enrollment

What is the program’s initial projected enrollment? 10 students

What is the projected enrollment for the 2nd and 3rd years? 10 students

Describe the expected student profile:

A three-year General program with a major concentration in the Geological Sciences and a minor in a teachable subject area would meet the needs of a student planning to enter the Bachelor of Education program. The General program would also suit students seeking a degree for general interest, students attempting to qualify for a professional faculty, or students seeking a level of formal education for advancement in their career. For students seeking a degree by distance delivery, 80% of the B.Sc. G.Sc. (General) program can be completed with courses selected from the University=s current distance education offerings. Mature students or students with limited background in the sciences can enter this program provided they hold Chemistry 40S or Preparatory Chemistry 2.090. However, the program is not intended for students seeking a career in the geosciences. The main educational route to the geoscience profession remains either the Honours or Major program (Geology or Geophysics). This will be clearly stated in the University General Calendar and in the Admissions Bulletin.

3. Labour Market Information

What labour market need is the program expected to meet?

It is anticipated that this degree will be viewed similarly to a BA General degree or a BSc General degree in terms of meeting labour market needs requiring at least a bachelor=s degree in a non-specific subject field.

Are there currently jobs in Manitoba in this field? ✔ YES NO

If yes, where (geographic location and industry)?

High demand occupations in Manitoba (January 2004 report) that would require some understanding of Geological Sciences include engineers and engineering technologists, health and safety officers, advertising and marketing managers, university professors, secondary school and preschool teachers.

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

There will be a growing demand for individuals who have an understanding of Earth materials
and processes. In light of the ongoing demand for energy, mineral and water resources, and issues related to climate change and natural disasters, many industries, government agencies and aboriginal communities will need individuals who have an education in the Geological Sciences.

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

The program helps to address Manitoba's strategy to educate Manitobans for jobs that are relevant to Manitoba's economy and require some understanding of energy and mineral resources, water stewardship, and environmental issues. The opportunity to take much of the program requirements through distance education also fits with Manitoba's goals for supporting Northern and rural communities.

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

Within the U of Manitoba, the following groups/services were contacted:
- Alumni
- Adjunct professors

External institutions, corporations contacted by the Department of Geological Sciences:
- Manitoba Education, Citizenship, and Youth
- Manitoba Energy, Science, and Technology
- Manitoba Industry, Economic Development, and Mines
- Inco Ltd.
- Wardrop Engineering

Is there any other information relevant to this program?

4. Financial Information

<table>
<thead>
<tr>
<th>Projected Program Costs:</th>
<th>Salary</th>
<th>Operating</th>
<th>Capital</th>
<th>Total cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projected Program Revenue:</td>
<td>Tuition</td>
<td>Other</td>
<td>Total revenue</td>
<td></td>
</tr>
</tbody>
</table>

Program costs should be covered within the current budget of the Faculty and Department. The Department will maintain the current course load and there are no additional course introductions associated with the degree. It is anticipated that any increase in enrolment realized with this degree program introduction will approach the enrolment when this option was available to students in the Faculty of Science general.

Submitted by:

Dr. Leslie King
Name (print)

Dean, Clayton H. Riddell Faculty of Environment, Earth, and Resources
Position
Signature
Date
16 September 2005

Ms Louise Gordon  
Executive Director  
Council on Post-Secondary Education  
410 - 330 Portage Avenue  
Winnipeg, Manitoba  
R3C 0C4

Dear Ms Gordon,

Statements of Intent:  
B.Sc. in Health Sciences and B.A. in Health Studies

On behalf of The University of Manitoba, I am pleased to submit the attached Statements of Intent to establish a Bachelor of Science degree in Health Sciences and a Bachelor of Arts degree in Health Studies.

As shown in the attached Statements, these four-year programs are separate but intimately related. They share the same broad objectives: to provide an understanding of health and wellness in the context of the individual, the community and society with a particular focus on Manitoba and its peoples; to instill critical thinking and ability to evaluate evidence; and to develop knowledge, skills and attitudes necessary for collaborative interdisciplinary employment related to health. In pursuit of those objectives, students in both programs will complete some common interdisciplinary courses. But students would also complete disciplinary courses within either the sciences or the social sciences, depending upon the specific program they choose.

These new degree programs will be administered by the Faculty of Human Ecology. Given their truly interdisciplinary nature, these programs will draw upon academic expertise in a variety of Faculties.

While the resource needs of these programs are relatively modest, it is likely that some additional financial resources will be sought from COPSE. Details of such financial requirements will be presented in the full program proposals.
My colleagues and I would be pleased to provide any additional other information your Council may require during its consideration of these Statements of Intent.

Yours sincerely,

[Signature]

Richard A. Lobdell
Vice-Provost (Programs)

Encls.

cc Emőke J.E. Szathmáry, President
Robert Kerr, Vice-President (Academic) and Provost
Gustaaf Sevenhuysen, Dean, Faculty of Human Ecology
Jeff Leclerc, Acting University Secretary
STATEMENT OF INTENT

Institution

- Brandon University
- University of Manitoba
- University of Winnipeg
- Collège Universitaire de Saint-Boniface
- Assiniboine Community College
- Keewatin Community College
- Red River Community College

Program Overview

Program Name:
Bachelor of Science (Health Sciences)
This program shares goals, courses and delivery mechanisms with the proposed Bachelor of Arts (Health Studies)

Credential to be offered:
B.Sc. (Health Sciences)

Does the program require accreditation from a licensing group?

- YES
- NO

Length of the program: 4 Years

Proposed program start date: 06/09/2006

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

The program is offered in partnership between the Faculty of Arts, Faculty of Science and the Faculty of Human Ecology. Academic program structure and quality will be the responsibility of Interdisciplinary Health Program Committee with rotating representation from faculties other than the partner faculties. Administrative responsibility is with the Faculty of Human Ecology using procedures agreed to by the partners.

As compared to other programs your institution will be proposing, the priority of this program is:

- High
- Medium
- Low

Is this a new program?

- YES
- NO

Is this a revision of an existing program?

- YES
- NO

Will the program be available to part-time students?

- YES
- NO

Will this program have a cooperative education component?

- YES
- NO

If YES, how long with the field placement be?

Students can enroll in a 6 credit practicum course that may serve as a coop education opportunity with Regional Health Authorities and other agencies.

Will the program contain an option to assess the prior learning of students, to grant credit for the skills/knowledge already present?

- YES
- NO
Will there be distance delivery options? ☐ YES ☐ NO
Will this program be delivered jointly with another institution? ☐ YES ☐ NO
Are similar programs offered in Manitoba or other jurisdictions? ☑ YES ☐ NO
If YES, indicate why this program is needed (e.g., area of specialization)

There are no similar programs offered in Manitoba. There are 10 programs with similar content in Canada, but none have the unique combined experience of biological and social sciences within 3 integration courses. Bachelor of Science (Health Sciences) programs with goals similar to those being proposed are offered at the University of Calgary, the University of Western Ontario and McMaster University.

The proposed program is designed to meet the needs of Manitobans. The training offered will address a wider variety of causes of ill-health than is offered in existing training. This variety of learning experiences gives graduates the capacity to help improve the effectiveness of health-related services.

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

Transfer of credit from programs at other universities in Manitoba will be accepted, as will transfer of credit for university-equivalent courses taken in non-degree programs.

Specific Program Information

1. Program Description

Describe the program and its objectives:

The B.Sc. (Health Sciences) program is designed to integrate biological and social sciences in the study of the determinants of health. This integration is achieved by 9 credits of courses that explore the social and biological aspects of health problems in the same learning activities. These integration courses make the program unique in Canada. In addition, the integration of social and biological sciences is achieved with 30 credits of courses that are fundamental to understanding the broader issues of health. These courses are shared with the proposed B.A. (Health Studies). The program consists of 3 academic years following University 1.

The B.Sc. (Health Sciences) will increase the number of people who can support the delivery of health services in all regions of Manitoba. The program will increase the access of people to established professions in health care by facilitating entry into existing programs. The program will support innovation in the delivery of health care by providing people with knowledge that integrates the biological sciences and the social sciences.

The objectives of the B.Sc. Health Sciences program are to:
  - provide an understanding of health and wellness in the context of the individual, the community and society with a particular focus on Manitoba and its peoples
  - instill critical thinking and ability to evaluate evidence
  - develop knowledge, skills and attitudes necessary for collaborative, interdisciplinary employment related to health
Provide an overview of the content to be taught in this program:

The curriculum of the B.Sc. (Health Sciences) program is organized around the determinants of health identified by Health Canada. Most of the program consists of existing biological and social sciences courses. A smaller number of existing courses are directly related to the determinants of health and serve as the link courses between biological sciences and social sciences content. Integration courses are designed to provide in-depth, iterative study of the determinants of health as they relate to the individual, the community and society.

2. Enrollment

What is the program's initial projected enrollment?

1st year: 20 students

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

2nd year: 30 students
3rd year: 40 students

Describe the expected student profile?

Students have completed high school. Many are likely to have experience in community services, although not necessarily health services. Many students are likely from rural and aboriginal communities.

3. Labour Market Information

What labour market need is the program expected to meet?

Graduates from the B.Sc. (Health Sciences) can be employed in a broad range of opportunities, such as:

- Health policy researchers – assist in research on health care policies
- Health program officers – produce reports on health care programs
- Community health administration - assist professionals and planners
- Resource for aboriginal communities - assist professionals and planners

It is estimated that approximately 20 graduates will be able to obtain work in these and related types of work in Manitoba. Their work would also relate to strengthening the capacity of institutions in which they work to address local health problems in an inclusive manner. Their work could foster client-centered and new models of service delivery. The market for this type of work is considerable in many health care settings, including rural and aboriginal communities, for example in relation to the preventive health needs related to obesity and diabetes.

Regional Health Authorities (RHAs) can employ a limited number of B.Sc. Health Sciences graduates. An important focus area for work in RHAs is data literacy and building expertise in statistical modeling for planning services. The focus for future work is evidence-based planning of health-related services. After an initial intake of approximately 20 graduates in different RHAs from the first three or four graduating classes, the annual market would be limited to possibly two graduates.
Are there currently jobs in Manitoba in this field? YES X NO X

Many of the jobs in health services, planning and administration suitable for the graduates are currently available, but additional ones will evolve from changes in the delivery and policies of health care. The opportunities for graduates are increasing, even though they do not represent an identifiable field of practice.

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

The need for individuals with this type of education is likely to increase over time because of the increased emphasis on health planning, health promotion and prevention of illness, which will benefit from an understanding of the complexity of health.

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

The program addresses the need for cost reduction in health care by training people who can assist in delivering cost-effective ways and client-centered services. The graduates will also be able to contribute to greater coverage and meeting a greater range of health needs of Manitobans. Aboriginal communities are expected to benefit from the work of graduates.

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

- Assistant Deputy Minister, Manitoba Health
- Policy Analyst, Workforce Policy and Planning, Manitoba Health
- Executive Director, Regional Health Authorities of Manitoba
- Manitoba Centre for Health Policy
- International Centre for Infectious Diseases
- Faculty of Science
- Faculty of Arts
- Faculty of Medicine
  - Department of Community Health Sciences
  - School of Medical Rehabilitation
- Faculty of Pharmacy
- Faculty of Nursing
- Faculty of Social Work
- Clayton H. Riddell Faculty of Environment, Earth, and Resources
- Faculty of Physical Education and Recreation Sciences
- University I
- Faculty of Agricultural and Food Sciences
- Faculty of Architecture
- Asper School of Business
- Faculty of Dentistry
- Aboriginal Access Programs
This program shares 39 credit hours of courses with the proposed Bachelor of Arts (Health Studies). The two programs offer different entry points for students into employment that will improve the health of Manitobans. Although the specific jobs on completion of the B.Sc. and B.A. will differ, graduates from both programs have the same ability to address the increasing demands for comprehensive health-related services.

4. Financial Information

Since the Bachelor of Science (Health Sciences) shares courses with the Bachelor of Arts (Health Studies), and the same administrative structure will be used to deliver both programs, the statement on resources refers to the needs of both programs.

New resources are needed on the teaching side and the administrative side. For teaching, the 5 new courses (3 Integration courses and 2 Capstone courses) and possible new sections in existing courses need to be considered. For the administration, student advising is an important component for quality service to students and the success of the program.

The detailed cost assessments will be addressed in the full proposal.

<table>
<thead>
<tr>
<th>Projected Program Costs:</th>
<th>Salary</th>
<th>Operating</th>
<th>Capital</th>
<th>Total cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projected Program Revenue:</td>
<td>Tuition</td>
<td>Other</td>
<td>Total revenue</td>
<td></td>
</tr>
</tbody>
</table>

Submitted by:

________________________________________
Name (print)

________________________________________
Position

________________________________________
Signature

________________________________________
Date
STATEMENT OF INTENT

Program Overview

Program Name:

Bachelor of Arts (Health Studies)
This program shares goals, courses and delivery mechanisms with the proposed Bachelor of Science (Health Science)

Credential to be offered:
B.A. (Health Studies)

Does the program require accreditation from a licensing group? □ YES □ NO
Length of the program: 4 □ Years □ Months □ Semesters
Proposed program start date: 06/09/2006

Which department(s) within the institution will have responsibility for the program?
The program is offered in partnership between the Faculty of Arts, Faculty of Science and the Faculty of Human Ecology. Academic program structure and quality will be the responsibility of Interdisciplinary Health Program Committee with rotating representation from faculties other than the partner faculties. Administrative responsibility is with the Faculty of Human Ecology using procedures agreed to by the partners.

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

Is this a new program? □ YES □ NO
Is this a revision of an existing program? □ YES □ NO
Will the program be available to part-time students? □ YES □ NO
Will this program have a cooperative education component? □ YES □ NO
If YES, how long will the field placement be?

Students can enroll in a 6 credit practicum course that may serve as a coop education opportunity with Regional Health Authorities and other agencies.

Will the program contain an option to assess the prior learning of students, to grant credit for the skills/knowledge already present? □ YES □ NO
Will this program be delivered jointly with another institution?  
☐ YES  ☐ NO

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

There are no similar programs offered in Manitoba. There are 10 programs with similar content in Canada, but none have the unique combined experience of biological and social sciences within 3 integration courses. Bachelor of Arts (Health Studies) programs with goals similar to those being proposed are offered at the University of Calgary, the University of Western Ontario and McMaster University.

The proposed program is designed to meet the needs of Manitobans. The training offered will address a wider variety of causes of ill-health than is offered in existing training. This variety of learning experiences gives graduates the capacity to help improve the effectiveness of health-related services.

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

Transfer of credit from programs at other universities in Manitoba will be accepted, as will transfer of credit for university-equivalent courses taken in non-degree programs.

Specific Program Information

1. Program Description

Describe the program and its objectives:

The B.A. (Health Studies) program is designed to integrate biological and social sciences in the study of the determinants of health. This integration is achieved by 9 credits of courses that explore the social and biological aspects of health problems in the same learning activities. These integration courses make the program unique in Canada. In addition, the integration of social and biological sciences is achieved with 30 credits of courses that are fundamental to understanding the broader issues of health. These courses are shared with the proposed B.Sc. (Health Sciences). The program consists of 3 academic years following University 1.

The B.A. (Health Studies) will increase the number of people who can support the planning and administration of health services in all regions of Manitoba. The program will increase the access of people to established professions in health care by facilitating entry into existing programs. The program will support innovation in the delivery of health care by providing people with knowledge that integrates the biological sciences and the social sciences.

The objectives of the B.A. (Health Studies) program are to:

- provide an understanding of health and wellness in the context of the individual, the community and society with a particular focus on Manitoba and its peoples
- instill critical thinking and ability to evaluate evidence
- develop knowledge, skills and attitudes necessary for collaborative, interdisciplinary employment related to health

Page 2 of 5

- 60 -
The curriculum of the B.A. (Health Studies) program is organized around the determinants of health identified by Health Canada. Most of the program consists of existing biological and social sciences courses. A smaller number of existing courses are directly related to the determinants of health and serve as the link courses between biological sciences and social sciences content. Integration courses are designed to provide in-depth, iterative study of the determinants of health as they relate to the individual, the community and society.

2. Enrollment

What is the program's initial projected enrollment?

1st year: 20 students

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

2nd year: 30 students
3rd year: 40 students

Describe the expected student profile?

Students have completed high school. Many are likely to have experience in community services, although not necessarily health services. Many students are likely from rural and aboriginal communities.

3. Labour Market Information

What labour market need is the program expected to meet?

Graduates from the B.A. (Health Studies) can be employed in a broad range of opportunities, such as:

- Social policy researchers – develop programs based on demographic, social and economic analyses
- Health policy researchers – assist in research on health care policies
- Community and social service workers – advise consumers on health issues and products
- Community health administration - assist professionals and planners
- Resource for aboriginal communities - assist professionals and planners

It is estimated that approximately 20 graduates will be able to obtain work in these and related types of work in Manitoba. Their work would also relate to strengthening the capacity of institutions in which they work to address local health problems in an inclusive manner. Their work could foster client-centered and new models of service delivery. The market for this type of work is considerable in many health care settings, including rural and aboriginal communities, for example in relation to the preventive health needs related to obesity and diabetes.

Regional Health Authorities (RHAs) can employ a limited number of B.A. (Health Studies) graduates. An important focus area for work in RHAs is data literacy and building expertise in statistical modeling for planning services. The focus for future work is evidence-based planning of health-related services. After an initial intake of approximately 20 graduates in different RHAs from the first three or four graduating
Approximately 50% of students are expected to transfer to professional programs, either during the four years of study or on completion of the degree. The graduates will not have professional standing without additional training. Students will be able enter Dental Hygiene, Dentistry, Human Ecology, Medical Rehabilitation, Medicine, Pharmacy, Physical Education and Recreation Sciences, Nursing, Social Work, and other faculties.

Are there currently jobs in Manitoba in this field? YES X NO X

Many of the jobs in health services, planning and administration suitable for the graduates are currently available, but additional ones will evolve from changes in the delivery and policies of health care. The opportunities for graduates are increasing, even though they do not represent an identifiable field of practice.

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

The need for these individuals is likely to increase over time because of the increased emphasis on health planning, health promotion and prevention of illness, which will benefit from an understanding of the complexity of health.

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

The program addresses the need for cost reduction in health care by training people who can assist in delivering cost-effective ways and client-centered services. The graduates will also be able to contribute to greater coverage and meeting a greater range of health needs of Manitobans. Aboriginal communities are expected to benefit from the work of graduates.

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

- Assistant Deputy Minister, Manitoba Health
- Policy Analyst, Workforce Policy and Planning, Manitoba Health
- Executive Director, Regional Health Authorities of Manitoba
- Manitoba Centre for Health Policy
- International Centre for Infectious Diseases
- Faculty of Science
- Faculty of Arts
- Faculty of Medicine
  - Department of Community Health Sciences
  - School of Medical Rehabilitation
- Faculty of Pharmacy
- Faculty of Nursing
- Faculty of Social Work
- Clayton H. Riddell Faculty of Environment, Earth, and Resources
- Faculty of Physical Education and Recreation Sciences
- University I
- Faculty of Agricultural and Food Sciences
- Faculty of Architecture
- Asper School of Business
Is there any other information relevant to this program?

This program shares 39 credit hours of courses with the proposed Bachelor of Science (Health Sciences). The two programs offer different entry points for students into employment that will improve the health of Manitobans. Although the specific jobs on completion of the B.Sc. (Health Sciences) and B.A. (Health Studies) will differ, graduates from both programs have the same ability to address the increasing demands for comprehensive health-related services.

4. Financial Information

Since the Bachelor of Arts (Health Studies) shares courses with the Bachelor of Science (Health Sciences), and the same administrative structure will be used to deliver both programs, the statement on resources refers to the needs of both programs.

New resources are needed on the teaching side and the administrative side. For teaching, the 5 new courses (3 Integration courses and 2 Capstone courses) and possible new sections in existing courses need to be considered. For the administration, student advising is an important component for quality service to students and the success of the program.

The detailed cost assessments will be addressed in the full proposal.

<table>
<thead>
<tr>
<th>Projected Program Costs:</th>
<th>Salary</th>
<th>Operating</th>
<th>Capital</th>
<th>Total cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projected Program Revenue:</td>
<td>Tuition</td>
<td>Other</td>
<td>Total revenue</td>
<td></td>
</tr>
</tbody>
</table>

Submitted by:

______________________________
Name (print)

______________________________
Position

______________________________
Signature

______________________________
Date
TO: Jay Doering, Dean, Faculty of Graduate Studies
Leslie King, Dean, Clayton H. Riddell Faculty of Environment,
Earth and Resources

FROM: Robert Kerr, Vice-President (Academic) & Provost

SUBJECT: M.Sc. in Environment and Geography

We have received formal notice that at its meeting of 9 September 2005, the Council on Post-
Secondary Education approved our proposed M.Sc. in Environment and Geography. On behalf
of the University, I extend congratulations and thanks to all those involved with the
establishment of this new program.

Because this program can be mounted with existing resources, I hereby authorize its
implementation effective immediately.

c Dr. E.J.E. Szathmáry
Dr. R.A. Lobdell
Mr. Neil Marnoch
×Mr. Jeff Leclerc
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

Dean Dale Lonis will be the Speaker for the Executive Committee for the November meeting of Senate.

2. Nomination of Student Members to the Senate Committee on Nominations

The term of two student members of the Senate Committee on Nominations expired on October 14, 2005. Members of the Committee are nominated by the Senate Executive Committee and elected by Senate (see recommendation below).

3. Comments of the Executive Committee of Senate

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

Recommendation

1. The Senate Executive Committee recommends that the following nominations to the Senate Committee on Nominations be approved by Senate for one-year terms ending October 14, 2006:

Karen Appel, Faculty of Medicine
Steve Zamick, University 1

Respectfully submitted,

Dr. Emőke Szathmáry, Chair
Senate Executive Committee
Terms of Reference: Senate Handbook (Revised 1992), Section 9.

/nis