

BOARD OF GOVERNORS

The material contained in this document is the Agenda for the next meeting of the Board of Governors.

Tuesday, January 26, 2010

**Alan A. Borger Sr. Executive Conference Room
E1-270 Engineering Information and Technology Complex
4:00 p.m.**

OPEN SESSION

Please call regrets to: 474-6165 no later than 9:00 a.m.
the day of the meeting.

OFFICE OF THE UNIVERSITY SECRETARY



UNIVERSITY
OF MANITOBA

BOARD OF GOVERNORS

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OPEN SESSION

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AGENDA

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<u>FOR ACTION</u>		
2. APPROVAL OF THE AGENDA	Chair	
3. MINUTES (Open Session)	Chair	
3.1 Approval of the Minutes for the November 17, 2009 meeting (Open Session) as circulated or amended		1
3.2 Business arising – none		
4. UNANIMOUS CONSENT AGENDA	Chair	
<i>If any member of the Board wants to ask a question, discuss or oppose an item that is marked for the consent agenda, the member can have an item removed from the consent agenda by contacting the Secretary of the Board prior to the meeting or by asking that it be removed before the Chair calls for a mover and seconder for the motion to approve or receive, by unanimous consent, the items listed.</i>		
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FOR INFORMATION

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and Statistics 139



MOTION TO MOVE TO CLOSED AND CONFIDENTIAL SESSION
MOTION TO ADJOURN



**Minutes of the Meeting of the Board of Governors
Open Session
November 17, 2009**

The meeting was held at 4:00 p.m. in E1-270 EITC.

Present: T. Sargeant, Chair
J. Leclerc, University Secretary

D. Barnard A. Berg P. Bovey A. Bonar E. Bowness A. Curran
J. Daly R. Dhalla M. Forsen J. Lederman H. Milan S. Rashid
M. Robertson R. Sigurdson M. Tripple

Assessors Present:

B. Austin-Smith J. Sealey

Officials Present:

K. Inskip D. Jayas R. Lobdell D. McCallum

Regrets:

J. Embree E. Goldie G. Hatch J. Keselman R. Mahé W. Norrie
D. Ruth T. Strutt R. Zegalski

1. **Announcements**

Mr. Sargeant welcomed Mr. Andy Bonar, the new President of the Graduate Students' Association, as a member of the Board of Governors. He also reminded members of the Board of four upcoming events: the meeting of the Committee of Election on December 8th to elect a new Chancellor for the University of Manitoba, the retirement reception in honour of Elaine Goldie, Vice-President (External) on December 9th, the December 10th Holiday Celebration in the Administration Building and the Board of Governors Retreat on January 16, 2010.

2. **Presentation**

Dr. Digvir Jayas, Vice-President (Research), provided the Board with an overview of research activities at the University of Manitoba.

3. **Approval of the Agenda**

The Board requested that item 5.3 Policy and Procedures: Research Centres, Institutes and Groups and item 5.4 Revision to Policy: Non-Acceptance of Discriminatory Scholarships, Bursaries or Fellowships be removed from the Unanimous Consent Agenda.

It was moved by Ms. Lederman and seconded by Ms. Bovey:

THAT the agenda for the November 17, 2009 Open Session be approved as amended.

CARRIED

4. **Minutes**

4.1 Open Minutes

It was moved by Mr. Tripple and seconded by Ms. Daly:

THAT the minutes of the September 29, 2009 Open Session be approved as circulated.

CARRIED

4.2 Business Arising - none

5. **Unanimous Consent Agenda**

It was moved by Ms. Forsen and seconded by Ms. Bovey that the Board of Governors approve and/or receive for information the following:

THAT the Board of Governors approve four new offers, nine amended offers, and the withdrawal of one offer, as set out in Appendix A of the Report of the Senate Committee on Awards [dated August 27, 2009].

THAT the Board of Governors approve the Report of the Senate Committee on Awards Part B [dated August 27, 2009].

THAT the Board of Governors approve three new offers, nineteen amended offers, and the withdrawal of one offer, as set out in Appendix A of the Report of the Senate Committee on Awards [dated September 29, 2009].

THAT the Board of Governors receive for information the Statement of Intent Re: Bachelor of Arts Integrated Studies.

CARRIED

5. Report from the President

Dr. Barnard discussed his first formal meeting with the new Premier and noted that they discussed the University of Manitoba's planning framework, the financial position of the University and actions being taken to deal with the current financial situation. Dr. Barnard added that the Premier emphasized that while the next few years will be difficult for the provincial budgets, the priority of the government remains education and healthcare.

Mr. Bonar asked if there was representation from graduate students involved in the ROSE and OARS projects. Mrs. McCallum replied that the president of UMSU was on the ROSE steering committee and Dr. Lobdell added that the working groups for OARS were in the process of being formed and that undergraduate and graduate students would be contacted to participate.

Ms. Lederman noted that there had recently been a letter to the editor in the Winnipeg Free Press regarding the role of students versus dignitaries during the Convocation sessions that discussed shifting the focus more towards the graduating students. Mr. Leclerc replied that there has been a meeting arranged to discuss this issue.

6. From Senate

6.1 Establishment of the Manitoba Institute for Materials

Ms. Forsen noted that there would be a review of the Institute after three years and asked what would be measured to determine if the Institute was successful. Dr. Jayas replied that the proposal outlined the purpose of the Institute and that it would be difficult to have concrete numbers to measure within three years, but the initial review would measure against the outlined purpose of the Institute using general trends from the first three years and that in following years more concrete numbers would be used for assessment.

It was moved by Dr. Barnard and seconded by Dr. Sigurdson:

THAT the Board of Governors approve the establishment of the Manitoba Institute for Materials [as recommended by Senate November 4, 2009].

CARRIED

6.2 Policy and Procedures on the Naming of Buildings, Parts of Buildings and Space

Mr. Leclerc noted that this policy was revised to identify any gaps in the process and to clearly define current practice.

In response to a question, Mr. Sargeant clarified that while the Board retains the overriding authority on naming, and considers all naming of faculties, the normal procedure allows Senate the authority to approve naming of buildings.

It was moved by Dr. Barnard and seconded by Ms. Bovey:

THAT the Board of Governors approve the revisions to the Policy and Procedures on Naming of Buildings, Parts of Buildings and Space [as recommended by Senate October 7, 2009].

CARRIED

6.3 Policy and Procedures on Research Centres, Institutes and Groups

It was noted that while this item was requested to be removed from the Unanimous Consent Agenda, the request was intended to be for a different policy and that there were no questions concerns regarding this item.

It was moved by Dr. Barnard and seconded by Mr. Berg:

THAT the Board of Governors approve the revisions to the Policy on Research Centres, Institutes and Groups [as recommended by Senate October 7, 2009].

CARRIED

6.4 Revision to Policy on Non-Acceptance of Discriminatory Scholarships, Bursaries or Fellowships

A member of the Board recommended that the final sentence of section 1.1 of the Policy be revised to read "The object is to ensure that the student award program at the University does not directly or indirectly exclude any group(s) of students on the basis of those characteristics set out in the Manitoba Human Rights Code, in a manner that may violate the Code." The Board agreed with the recommendation.

It was moved by Dr. Barnard and seconded by Ms. Bovey:

THAT the Board of Governors approve the revisions to the Policy on Non –Acceptance of Discriminatory Scholarships, Bursaries or Fellowships [as recommended by Senate October 7, 2009].

CARRIED

The Board of Governors received the following item for information:

7. **Reports**

7.1 Update from the UMSU & GSA Presidents

Mr. Rashid discussed the Target Poverty Campaign held on November 5, 2009 that involved hundreds of students, noted that CCTV UMSU Vision is up and running and outlined the

Collaboration to Promote Art and Music programs. He also noted that there will be blogs from UMSU executives online and that a free store has been opened next to the food bank.

Mr. Bonar noted that three individuals have been hired for the new GSA magazine and that the first issue would be distributed next month. He added that as COPSE has provided approval of the use of the word University, the name University of Manitoba Graduate Students' Association will now be used. Mr. Bonar also noted the work being done to ensure the representation of graduate students on committees across campus.

Motion to Move to Closed and Confidential Session

It was moved by Mr. Rashid and seconded by Ms. Lederman:

THAT the Board of Governors move into Closed and Confidential Session.

CARRIED

Motion to Adjourn

It was moved by Mr. Rashid:

THAT the meeting adjourn.

CARRIED

Chair

University Secretary

PRESIDENT'S REPORT: January 26, 2010

GENERAL

In late November 2009, I met with The Honourable Greg Selinger in his new role as Premier of Manitoba. We discussed the financial situation facing both the Province and the University of Manitoba and a series of issues of particular importance to the University, including our work on the ROSE and OARs projects, and reinforced our interest in working collaboratively in pursuing shared priorities.

The University's efforts to secure a Canada Excellence in Research Chair (CERC) in Arctic System Science are continuing. On January 15 I travelled to Montreal with Dr. Digvir Jayas, Vice-President (Research), Dr. Norm Halden, Dean and Dr. David Barber, Associate Dean (Research) of the Clayton H. Riddell Faculty of Environment, Earth and Resources where we presented the University of Manitoba's proposal to the CERC Review Panel. It is anticipated that a decision will be communicated within a few months.

At the official opening of the Centre for Global Public Health, \$8.4M USD in funding from the Bill and Melinda Gates Foundation was announced to promote maternal, neonatal and child health interventions in underserved populations in rural India where high mortality and morbidity rates are prevalent. The project will provide support to the Government of India's National Rural Health Mission in Karnataka state, South India, and will run through to September 2014. The event garnered significant media attention from all local media outlets including the Winnipeg Free Press and CBC.

Work has begun on a study, funded through a donation from TD Bank Financial Group, to measure the effectiveness of current outreach and in-house programs and identify ways to partner with other post-secondary institutions, community groups, governments, social agencies and other funders to strengthen the University's approach to Aboriginal education. The results of this work, expected to be completed by the spring, will contribute to work on the University's Aboriginal achievement priority.

The Faculty of Medicine has launched its Online Portal for Advanced Learning (OPAL), a comprehensive curriculum management system for the Faculty. Phase I of the project was launched on time in August and preliminary feedback from students and faculty is generally positive. The Faculty is on track to launch Phase II in summer of 2010. For further details, please refer to the Faculty's update on the current status of the project, which is attached as an appendix to this report.

ACADEMIC MATTERS

- The Optimizing Academic Resources (OARs) Project continues to review the following three areas:
 1. Academic Synergies and Efficiencies: a report of the initial findings is being prepared;
 2. Rules, Regulations and 'Red Tape': a list of 59 key rules, which have been categorized into eight major areas, are being reviewed for consideration to be changed;
 3. Strategic Enrolment Management (SEM): a draft SEM framework has been prepared and will be presented to the Leadership Committee at its January 14, 2010 meeting.

A February 8, 2009 OARs workshop is planned.

- Fred Shore completed his term as Executive Director, Office of University Accessibility on December 31, 2009. In line with the strategic planning framework and consistent with the ROSE project, the President and the Provost will be reviewing the structure and delivery of Aboriginal support services

and programs. During this review period, the responsibilities formerly handled by the Office of University Accessibility will be assumed by Disability Services, Human Resources, and the Aboriginal Student Centre.

- Presidential Advisory Committees for the Deans of Architecture, Engineering and Medicine are well underway. Interviews of shortlisted candidates will be scheduled beginning in February 2010. The Search Advisory Committee for a Vice-Provost, Students has been established, an advertisement has been placed and a position profile is in draft development. Decanal reviews for Graduate Studies and Human Ecology are also in process. It is hoped that all appointments will be finalized by July 1, 2010.
- The 2009/10 operating budget allocated \$1.67M for academic enhancement purposes. The majority of these funds (70%) are earmarked to support the implementation of new academic programs which have been approved by both Senate and the Board of Governors and supported, but have not received funding, from COPSE. To date, the Bachelor of Jazz Studies and the Masters of Fine Arts programs have been funded.
- The balance of the \$1.67M in funds (30%) are designated to support academic and research program innovation in the six areas that have been identified for focused development in the University's new strategic planning framework. This fund is called the Academic Enhancement Fund. This competitive funding process was launched in October 2009 with the deadline for submissions in late November 2009. In this inaugural competition, twenty-seven (27) applications were received, twelve (12) of which were selected for funding.
- Dean Edmund Dawe accompanied Oleg Pokhanovski, Minna Rose Chung, and Judy Kehler Siebert in a two-day residency at Luther College in Regina. These Faculty artists performed solo and chamber music for teachers and over 400 high school students, and gave master classes, lectures and private lessons to piano and string students attending the school, and other students from the Regina area.
- David Moroz, Piano Coordinator, completed a tour in China and presented a series of master classes as Distinguished Guest Professor at China's leading Music Conservatories (Beijing, Shanghai, Guangzhou).
- Jazz faculty members, Steve Kirby, Jimmy Greene, George Colligan and Larry Roy completed an outreach tour to Regina and Vancouver, performing in major Jazz venues and high schools. The tour also included teaching and coaching sessions with individual students and jazz ensembles.
- Orest Cap, Education, was the first foreigner to be awarded the *Humanitarian Award* from Chernihiv Provincial Council and Provincial Government in the Ukraine. This award is given to select individuals for significant contributions to the people of the province of Chernihiv. Dr. Cap was instrumental in establishing the Chernihiv State Teacher Innovation Award Project. However, since the Chernobyl Disaster he has helped establish a successful social services network that currently aids physically and cognitively challenged people of the Ukraine.
- Shelley Page, Physics and Astronomy, was named a fellow of the American Physical Society (APS). APS Fellowships are a distinct honor, and Page is being recognized "for her leading role in a series of sequential hadronic parity violation experiments designed to elucidate the interplay of the weak and strong interactions in hadronic systems."

- Abba Gumel, Mathematics, was elected Fellow of the African Academy of Sciences.
- Gordon Giesbrecht (aka Professor Popsicle), Kinesiology and Recreation Management, was referenced in the January issue of *O, The Oprah Winfrey Magazine*. Winfrey cited a study conducted by Giesbrecht, debunking the widely-held belief that the majority of heat loss in humans takes place through their heads.
- Spencer Sealey, Biological Sciences, was awarded the 2009 Jamie Smith Memorial Mentoring Award in Ornithology. The award honours established ornithologists who have been nominated for recognition of displayed excellence in mentoring a new generation of professional or amateur biologists.
- Tyler Grant, a 4th year Biosystems Engineering student, has become our 93rd Rhodes Scholar. Grant, a highly motivated and driven student, is the only Rhodes scholarship recipient from Manitoba this year. He plans to become a biomedical researcher and orthopaedic surgeon.
- Dorothy Young, Ph.D. candidate, Education, received the 2009/2010 Willard J. Condo Memorial Award for the best paper in any aspect of public policy, public administration or management on October 29th at the Manitoba Legislative Building. Young's paper titled *Strategic Planning in Education in Manitoba* reviews the strategic planning activities of school divisions within Winnipeg and the results of interviews with superintendents reflecting their evaluations of the planning process, their annual reports to community, reports to Manitoba Education Citizenship and Youth, and school plans.
- Two recent graduates, Jessica Strong (soprano) and Chris Enns (tenor) were awarded the two lead roles in the University of Toronto Opera School's upcoming production of Leonard Bernstein's *Candide*.
- Leona Huntinghawk, graduate student, Social Work, was one of 76 recipients of the Helen Betty Osborne Memorial Foundation 2009 Award, presented on December 15th, 2009 at the Delta Winnipeg. Ms Huntinghawk received this award as an Aboriginal student and as a member of the Faculty of Social Work's MSW cohort for Southeast, Sagkeeng, and West Region communities.
- Members of the Bisons Women's Hockey Team made history when they raised a championship banner for the first time in the program's 13-year history.
- Thomas Hall, Bisons' second-year linebacker, was named the recipient of the 2009 Canadian Interuniversity Sport Football Russ Jackson Award. Hall is the first ever Manitoba Bisons' player to receive this prestigious award since its inception in 1986.

RESEARCH MATTERS

- More than 75 of the world's top HIV/AIDS researchers assembled in Winnipeg for the first International Symposium on Natural Immunity to HIV (ISNIH) in November 2009. The conference was a joint partnership between the University of Manitoba, the International Centre for Infectious Diseases, and the Public Health Agency of Canada (PHAC) and was sponsored by the Bill and Melinda Gates Foundation, the University of Manitoba and PHAC.

- In December, the University of Manitoba became part of a new National Centres of Networks of Excellence of Canada – NeuroDevNet – headquartered at the University of British Columbia. Two professors in the Faculty of Medicine will be participating in this new NCE: David Eistenstat (pediatrics and child health, and scientist at the Manitoba Institute of Child Health), and Marc Del Bigio (pathology, and Canada Research Chair in Developmental Neuropathology).
- In December, the Canada Foundation for Innovation announced the awarding of \$4,172,493 to 15 research projects at the University, from its Leaders Opportunity Fund. The projects are led or co-led by researchers in five faculties and involve researchers at three partner institutions: Faculty of Science (5 projects), Faculty of Dentistry (1 project), Faculty of Medicine (6 projects), Faculty of Agricultural and Food Sciences (2 projects), Faculty of Engineering (1 project), Manitoba Institute of Child Health (1 project), Manitoba Institute of Cell Biology/CancerCare Manitoba (1 project) and St. Boniface Hospital Research (1 project). The projects range from searching for new therapies for Type 2 diabetes and autism, to exploring our immune response to viral infections, and reducing the transfer of pathogens from livestock to humans.
- Twenty health research projects were successful in receiving funds from 9 sponsors for a total of \$1,868,115. Project sponsors included: the Canadian Paraplegic Association (Manitoba), the Children’s Hospital Foundation of Manitoba, the Canadian Institutes of Health Research, the Health Sciences Centre, the Health Sciences Centre Foundation, the Manitoba Health Research Council, the Manitoba Medical Service Foundation, the National Institute of Health, and the University of Calgary.
- The Office of Research Services hosted several well-attended workshops for researchers including: Internal and External Funding Opportunities at the University of Manitoba, NSERC Prairie Office presentation on the newly announced Interaction Grants Program and the Engage Grants Program, and discussions between researchers and representatives from the NSERC Research Partnerships Program (Ottawa) and NSERC Prairie Office on ideas and plans for the NSERC Collaborative Research and Development Grants and Strategic Program Grants.
- The Office of the Vice-President (Research) and the Office of Research Services hosted the Canadian Institutes of Health Research Institute of Nutrition, Metabolism and Diabetes Institute Advisory Board (IAB) from November 5-7, 2009. The IAB is composed of representatives from organizations across the country and acts in an advisory capacity to the Scientific Director of the CIHR INMD and to the CIHR Governing Council with respect to the full range of Institute activities.
- The Office of the Vice-President (Research) hosted the first of a series of six Café Scientifiques at McNally Robinson in November, attended by 100 members of the public. Café Scientifiques are an opportunity for members of the community to interact directly with scientists/researchers and discuss the work that they are doing. The November Café topic was Autism research. The January 2010 topic area was Alzheimer’s research and included a panelist from the Alzheimer’s Society of Manitoba. The four additional upcoming Cafes cover topic areas of heart health, women’s health, children’s activity levels, and anxiety and depression disorders among the younger population.
- The 2009/2010 season of the *Bringing Research to Life* public lecture series continued in January with Dr. Krista Uggerslev from the Asper School of Business presenting “Managing Talent in Tough Times.” Three more presentations are planned in the series with topic areas of phosphorous levels in Lake

Winnipeg (Don Flaten), HIV/AIDS and development of a vaccine (Keith Fowke), and the pursuit of better roads (Ahmed Shalaby).

- The latest issue of *ResearchLIFE* is out on campus with the cover featuring “Immunologists: Creating Cellular Harmony” and features on Jane Ursel and RESOLVE’s work, and how researchers are rebounding from the Duff Roblin fire.

ADMINISTRATIVE MATTERS

- Receptions were held at the Fort Garry Campus (November 10th) and Bannatyne Campus (December 4th) for staff who were celebrating significant anniversary milestones of 5, 10, 15, 20, 25, 30, 35, 40, 45 and 50 years.
- Mr. John Van Deldon joined the University on January 11th as the new Director of Environmental Health and Safety. Mr. Van Deldon is a Registered Occupational Hygienist, a Certified Industrial Hygienist and a Canadian Registered Safety Professional. He has previously been employed by the Province of Saskatchewan as an Occupational Hygienist and most recently has been the Coordinator of Occupational Hygiene and Corporate Safety with the City of Winnipeg since 1987.
- The new University web page design has been approved and the initial roll-out is scheduled for February 2010.
- A bicycle compound committee has been formed which is looking at improving the security and storage of bicycles on Campus.
- \$6.42M was received from the Province in December for the second tranche of the critical deferred maintenance funding.
- The Pandemic Planning Committee cancelled the December meetings as there were no significant incidents to deal with. The immunization clinic at the University closed on December 2, 2009.
- The University received an additional allocation from KIP funding for investment in the following projects: \$6.632M Biological Sciences upgrade, \$2.374M for Buller Building lab and infrastructure, \$1.37M for Neil John Maclean Health Sciences Library, and \$1.6M for the Eureka Incubator project.
- A series of three agreements was concluded with ITAIPU, a Paraguayan company that operates the largest hydroelectric project in the world. A master agreement provides for comprehensive cooperation. A subsidiary agreement establishes a program whereby the company will sponsor primarily Masters and Ph.D. students to attend the University of Manitoba. Another subsidiary agreement will allow the U of M to establish a research station in Paraguay.
- The U of M has an agreement with Access Copyright which facilitates the ability of our staff and students to photocopy and produce course pack. Access Copyright is essentially a collective of a number of publishers which work together to try and obtain fees for their members from the use of their publications. In the past, we have considered the agreement with Access Copyright to be critical to the functioning of the University and it is now up for re-negotiation. The Legal Office works through AUCC, which has taken on the task of negotiating on behalf of all the Canadian universities

and colleges. A “hard-line” approach is being taken with regard to the negotiations as it is believed that the importance and relevance of Access Copyright is declining, primarily due to new technologies. It is possible that negotiations with Access Copyright may break down which would result in the loss of access to some resources and require that professors adapt to more modern methods of research and delivering courses. It is expected that there would be some outcry if this were to occur.

- The University has entered into a transition phase in the Resource Optimization and Service Enhancement Project (ROSE) project, during which the opportunities identified in Phase 1 will be evaluated, prioritized and a cost benefit analysis will be undertaken. A proposal to proceed to Phase 2 will be presented to the Board in March.
- Domino Project -
 - Art Research and Technology (ART) Lab - Further site preparation is underway in advance of the mid-February construction start. Winnipeg Transit revised several bus routes away from the University Terminal on Dafoe Road to reduce traffic congestion.
 - Pembina Hall Residence - construction is slated to commence in January 2010.
 - Taché Hall Redevelopment - the building program and concept design is being further developed.
- Excavation and installation of the sewer lines for the Smart Park Retention Pond is complete. Topsoil has been brought in and a first stage planting has been carried out with a follow up in the spring.
- Cangene Ph Plasma Centre - Closing date for the sale of 137 Innovation Drive is scheduled for February 15th, 2010. Cangene opens a 42 bed Rh plasma collection facility at 100-137 Innovation Drive.

EXTERNAL MATTERS

- Total funds raised as of January 12, 2010: \$21,523,038.48
- On Friday, December 4th, Vice-President (Administration) Debbie McCallum, along with special guest, Dave Angus, President and CEO of the Winnipeg Chamber of Commerce, hosted a media conference to unveil the results of the 2009 Economic Impact Analysis conducted by PriceWaterhouseCoopers. The event garnered media attention from the Winnipeg Free Press and CJOB. A full-page newspaper ad was developed to inform the community about the recent results of the University of Manitoba’s economic impact study. The ad ran in the Winnipeg Free Press on December 5th, 2009. A brochure outlining highlights from the study is in development and will be available for distribution.
- The Inner City Science Centre opened on December 10th, 2009. The Centre, located in the Niji Mahkwa School on Flora Avenue, brings students together with university professors, graduate students and science enthusiasts, using the same sophisticated equipment as the medical campus. A partnership between the University of Manitoba’s Faculty of Medicine, the Winnipeg School Division and the Winnipeg Foundation, the Centre promotes science and medical literacy among the public, serving as an on-site teaching and training location for excellence in science and in the process, breaks down barriers for inner-city, Aboriginal and new Canadian students to explore the field of science. The event attracted significant media interest including Global TV and Shaw TV.

- External Relations on Bannatyne has launched a new Connecting & Giving Back web site for the Faculty of Medicine at http://umanitoba.ca/admin/vp_external/erob/publications/Conn_Giv_Med.html. Similar sites are planned for the Faculties of Pharmacy and Dentistry.
- The cover story for the December issue of *On Manitoba* is Dr. Chau Pham, B.Sc/00, MD/05, a fifth-year resident who is at the same time working on her MBA at the University of Manitoba. When she was five, her parents sent her on a boat bound from Vietnam to “a better life”. She witnessed all manner of atrocities at sea, only to land in a Thai refugee camp for two years. She was eventually adopted by a woman in Winnipeg, and the experiences in the refugee camp, in particular the efforts of the physicians treating her tuberculosis, solidified her dream of becoming a doctor. Working with her adoptive mother, she founded a charity when still a teenager titled “Canadians Helping Kids in Vietnam”, which has since sponsored over 200 families to Canada and helped build eight schools in Vietnam.
- In November, the Alumni Association awarded its first undergraduate and graduate major awards, which were based on academic achievement and demonstrated abilities in voluntarism and leadership. Deondra Twerdun, kinesiology and recreation management and Bison track and field athlete, and Kayla Schlosser, environmental design, received the \$3,750 undergraduate awards; and Karen O’Brien, a masters student in clinical psychology, received the \$7,500 graduate award. The association also provides a \$3,000 scholarship to a Bison student-athlete, this year to Stephane Lenoski, men’s hockey; and two bursaries of \$4,500 to one undergraduate and one graduate student. All allocations are made from the Alumni Fund.
- Government Relations organized a very successful “Breakfast and Brainstorm” at the Manitoba Legislature building on Thursday, December 10th attended by a record crowd of 70 people, including Minister Diane McGifford. The guest speaker was Dr. Jason Leboe, Associate Head, Department of Psychology on the subject of “Remembering and Forgetting”. Dr. Leboe’s presentation was a popular topic and generated plenty of questions from the audience.

Supplementary Reading

Status Report of OPAL - January 8th, 2010

1. Phase 1 implementation for Class of 2013 (110 incoming students) went live on schedule August 26th, 2009.
2. Excellent support from IST central department providing virtual hosting solution, maintaining a less than 3 second load-time performance speed.
3. Online Business System met functional requirements for platform development.
4. Training services jointly provided by Faculty of Medicine staff and the Neil John MacLean (NJM) Library team.
5. As at December 2009, 1367 users, 808 pieces of knowledge content, 3 full blocks of scheduling details and assigned faculty/student groups are online in OPAL.
6. Phase 2 implementation is on target for July/August 2010. Product development process includes central IST services, NJM Library services, Online Business Systems, medical residents and undergraduate students and faculty working teams.
7. Targeted growth to 4000 users (440 undergraduate medical students, 500 post graduate residents, 1600 faculty users, 1200 continuing medical education users, and 260 administrative users), completes pre-clerkship, clerkship and post-graduate curriculum schedules (10,000 hours of contact for medical education, 30,000 weeks of clinical learning) and learning resources plus accreditation standards and annual curriculum review.
8. Development of comprehensive evaluations functions underway.

Faculty Testimonials:

- At 2009 White Coat Ceremony, Dr. Gary Harding, "This bring the transparency to the curriculum that I wish I had when attending medical school."
- Dr. Arnold Naimark, "This lets me stay current with the curriculum and what my colleagues are teaching."
- Dr. Bill Pope "What it has to offer is extraordinary to the faculty."

Academic Publications:

1. Paul A., Yaworski D., McConnell K., Martin B., Sandham D., Sharma S., *Implementation of a Curriculum Management System at a Faculty of Medicine - Lessons Learned from a pilot project*, Published as conference proceedings of *International Conference on Engineering Education, Instructional Technology, Assessment, and E-Learning (EIAE 2009)*. Springer.
2. Canadian Conference on Medical Education 2010
 - a) Abstract accepted: Sharma S., et al. From Pilot to Opal, University of Manitoba's Approach to Curriculum Management System. Oral Presentation.
 - b) Abstract accepted: Paul A., et al. Implementation of Curriculum Management System at University of Manitoba.
 - c) Abstract submitted: Sharma et al. Workshop: Live demonstration of an Innovative Curriculum Management System for Curriculum delivery, Governance and accreditation.
3. D. Sandham, A. Paul, S. Sharma. Integration of e-curriculum into medical education. *Gravitas* 2008; 41:4-5.

Student Testimonials (from Student Survey, December 4, 2009):

- “Thank you for including us in the process of developing this software, it is a great method of presenting our notes and schedules to us, and there are only minor improvements.”
- “Overall, I support and like the introduction of OPAL as part of the medical education system. I prefer having the courses provided to us electronically rather than in paper format.”
- “Overall very impressed with the system; if not for this system I would be wasting an hour or more a day to organize everything.”

Summary section from Student Survey Results (December 4, 2009):

Note: Student survey of OPAL initiated, distributed, and compiled independently by Class of 2013 Med 1 students.

“SUMMARY Our survey suggests that the majority of the class of 2013 is quite satisfied with OPAL and its integration into our curriculum. The majority of students feel that course notes are typically being uploaded sufficiently in advance, yet most students do not print their notes in advance. The platform is available when needed, performs well, is easy to use, and there is adequate assistance is available when students require it. The future addition of other resources such as formative quizzes, instructor feedback, and grade feedback is supported by the majority of the students.

A number of issues that should be improved upon have been identified and brought forth by the students. Several primary ones stand out. The email client built into OPAL is unsatisfactory and underused. The email notification system sends emails at a frequency that minimizes the effectiveness of such a communication system --few students read them. Seven suggestions regarding the latter have been presented in this report, but the theme common to all of them is that students would like to minimize the number of emails, particularly regarding future events and through opt-in/opt-out control over specific types of emails. The compartmentalization of features within OPAL severely limits the utilization of features that are not directly visible on 'My Front Page,' particularly those on the 'Faculty of Medicine' side of OPAL. Ergonomic inefficiencies exist, particularly within the scheduling software and related to searching, and have also been identified as issues that should be streamlined.

However, given that OPAL is still under development, the short time that it has been used in a production environment, and that we are the test case class for its implementation, our data suggests that the switch to OPAL has been fairly successful and well received by the students. Sincerely, Harbinger Benning James Bras Leena Hasan Konstantin Jilkine December 4 2009 “



AGENDA ITEM: Emeritus/Emerita Policy Amendments

RECOMMENDED RESOLUTION:

THAT the Board of Governors approve amendments to the following policies as presented: Professor Emeritus/Emerita, Honorary Professor, Librarian Emeritus/Emerita, Dean Emeritus/Emerita and President Emeritus/Emerita.

Action Requested: Approval Discussion/Advice Information

CONTEXT AND BACKGROUND:

The amendment to the Professor Emeritus/Emerita, Honorary Professor, Librarian Emeritus/Emerita and Dean Emeritus/Emerita policies was to remove the statement "*which will be conferred during Convocation*" in the Recognition section of the policy. This change would not preclude the award being conferred at Convocation, but would allow for the possibility of having a separate ceremony in honour of the Emeritus/Emerita appointments.

The Chancellor's Committee also recommends that to be consistent with the Dean Emeritus Policy, the President Emeritus policy be amended to include the provision for a President Emeritus to be nominated for the title of Professor Emeritus following retirement.

RESOURCE REQUIREMENTS:

None.

IMPLICATIONS:

The conferral of the title Professor Emeritus/Emerita, Honorary Professor, Librarian Emeritus/Emerita and Dean Emeritus/Emerita could be presented at an event separate from Convocation ceremonies.

An individual holding the title of President Emeritus/Emerita could be nominated to become a Professor Emeritus upon retirement.



Board of Governors Submission

Routing to the Board of Governors:

<u>Reviewed</u>	<u>Recommended</u>	<u>By</u>	<u>Date</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chancellor's Committee	11 January 2010
<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	<input type="checkbox"/>	_____	_____

Submission prepared by: _____

Submission approved by: *Jeff Leclerc, University Secretary.*

Attachments

- *Professor Emeritus/Emerita Policy*
- *Honorary Professor Policy*
- *Librarian Emeritus/Emerita Policy*
- *Dean Emeritus/Emerita Policy*
- *President Emeritus/Emerita Policy*



UNIVERSITY OF MANITOBA POLICY

No. _____ Effective Date: _____
 Title: Professor Emeritus/Emerita Review Date: _____

Approving Body: Board of Governors Senate
 Administration (specify): _____

Authority *University of Manitoba Act Section # 16(1)*
 Other Legislation [name and section #] _____
 Bylaw [name and section #] _____
 Regulation _____

Implementation: University Secretary
 Contact: University Secretary

Applies to: Board of Governors members External Parties _____
 Senate members [Specify applicable external parties]
 Faculty/School Councils Employees _____
 Students [Specify applicable employee organizations and employment groups]

1.0 Reason for Policy

To establish criteria for the nominations for Professor Emeritus/Emerita.

2.0 Policy Statement

2.1 Criteria

The honorary title of Professor Emeritus/Emerita may be conferred after retirement on members of the faculty of the University who have held the rank of Professor. Individuals nominated for the title must have rendered distinguished service to the University through their teaching, research, and scholarship. Nominations normally would include evidence of excellence in teaching, including graduate student supervision, and excellence in research, scholarship, and/or creative work. Evidence of excellence in teaching may include awards, evaluations by students, assessment of peers, testimonials from former students, a record of course and curriculum development, innovations in teaching methods, and a corpus of work relating to teaching and learning. Evidence of excellence in research, scholarship and creative work may include awards and recognitions, reviewed and juried works, refereed publications, invited lectureships, success in grant and other competitions, and testimonials by peers. Although the number of years of

service at the University of Manitoba is unspecified, it is expected that those nominated will have had a reasonable length of service with the University.

2.2 Nominations

In faculties which are divided into departments, nominations for Professor Emeritus/Emerita are normally made by the department. Recommendations are then submitted to the faculty council according to the procedures of the particular faculty. In faculties and schools which do not have departments, nominations shall be made to the faculty or school council according to the procedures established by those councils. All deliberations by departments and faculties/schools should be in confidential session. The nominations should be accompanied by supporting material showing the candidate's contributions to the University and to his/her discipline. A detailed curriculum vitae should form part of this material. Nominations that receive an affirmative vote shall go forward to the Chancellor's Committee for review and recommendation to the Board of Governors.

2.3 Length of Term

The appointment of Professor Emeritus/Emerita is for life.

2.4 Recognition

The honour is the most important aspect of this title. However, it is acknowledged that some individuals holding the title Professor Emeritus/Emerita may require facilities such as office and laboratory space. The responsibility for supplying such resources lies with the department and/or faculty/school concerned. Those holding the title of Professor Emeritus/Emerita are members of the Faculty of Graduate Studies.

Professors Emeriti/Emerita shall be eligible to apply for grants and contracts under the aegis of the University.

2.5 Further Information

Nominations should be submitted to the University Secretary, Room 312 Administration Building. Deadline for receipt of nominations is December 31 for consideration by the Committee in January.

Further information is available from this office (telephone 474-6167).

3.0 Accountability

The University Secretary is responsible for advising the President that a formal review of the Policy is required.

4.0 Secondary Documents

4.1 The Approving Body may approve Procedures which are secondary to and comply with this Policy.

4.2 Administration may approve Procedures which are secondary to and comply with this Policy, subject to the following limitations:

5.0 Review

5.1 Formal Policy reviews will be conducted every ten (10) years. The next scheduled review date for this Policy is _____.

5.2 In the interim, this Policy may be revised or rescinded if:
(a) the Approving Body deems necessary; or
(b) the relevant Bylaw, Regulations or Policy is revised or rescinded.

5.3 If this Policy is revised or rescinded, all Secondary Documents will be reviewed as soon as reasonably possible in order to ensure that they:
(a) comply with the revised Policy; or
(b) are in turn rescinded.

6.0 Effect on Previous Statements

This Policy supersedes the following:

(a) Policy: Professor Emeritus/Emerita approved July 1, 2005

7.0 Cross References

Cross References
Indicate names and numbers of other specific Governing Documents which should be cross referenced to this Governing Document. Include section # of other Governing Documents if appropriate.

Cross referenced to: (1) _____ (3) _____
(2) _____ (4) _____

2.3 Recognition

The conferring of the title honours both the individual and the University. The honour is the most important aspect of the title but honorary professors would be expected to participate from time to time in the activities of a department such as the presentation of lectures.

2.4 Other

The terms outlined in this policy do not apply to individuals appointed as honorary professors by the Faculty of Graduate Studies prior to 1969 subsequent to which no new appointments of honorary professors were made.

2.5 Further Information

Nominations should be submitted to the University Secretary, Room 312 Administration Building. Deadline for receipt of nominations is December 31 for consideration by the Committee in January.

Further information is available from this office (telephone 474-6167).

3.0 Accountability

3.1 The University Secretary is responsible for advising the President that a formal review of the Policy is required.

3.2 The University Secretary is responsible for the communication, administration and interpretation of this Policy.

4.0 Secondary Documents

4.1 The Approving Body may approve Procedures which are secondary to and comply with this Policy.

5.0 Review

5.1 Formal Policy reviews will be conducted every ten (10) years. The next scheduled review date for this Policy is _____.

5.2 In the interim, this Policy may be revised or rescinded if:
(a) the Approving Body deems necessary; or
(b) the relevant Bylaw, Regulations or Policy is revised or rescinded.

5.3 If this Policy is revised or rescinded, all Secondary Documents will be reviewed as soon as reasonably possible in order to ensure that they:
(a) comply with the revised Policy; or
(b) are in turn rescinded.

6.0 Effect on Previous Statements

This Policy supersedes the following:

- (a) all previous Board/Senate Policies, Procedures, and resolutions on the subject matter contained herein; and
- (b) all previous Administration Policies, Procedures, and directives on the subject matter contained herein;
- (c) Policy: Honorary Professor approved June 28, 1984

7.0 Cross References

Cross References			
Indicate names and numbers of other specific Governing Documents which should be cross-referenced to this Governing Document. Include section # of other Governing Documents if appropriate.			
Cross referenced to:	(1) _____	(3) _____	
	(2) _____	(4) _____	

2.2.2 The Librarian's Council shall vote on the nomination by secret ballot. Nominations that receive an affirmative vote shall go forward to the Chancellor's Committee for review and recommendation to the Board of Governors.

2.3 Length of Term

The appointment of Librarian Emeritus/Emerita is for life.

2.4 Recognition

The honour is the most important aspect of this title. However, it is acknowledged that some individuals holding the title Librarian Emeritus/Emerita may require facilities such as office space. The responsibility for supplying such resources lies with the Director of Libraries.

2.5 Further Information

Nominations should be submitted to the University Secretary, Room 312 Administration Building. Deadline for receipt of nominations is December 31 for consideration by the Chancellor's Committee in January.

Further information is available from this office (telephone 474-6167).

3.0 Accountability

3.1 The University Secretary is responsible for advising the President that a formal review of the Policy is required.

3.2 The University Secretary is responsible for the communication, administration and interpretation of this Policy.

4.0 Secondary Documents

The Approving Body may approve Procedures which are secondary to and comply with this Policy.

5.0 Review

5.1 Formal Policy reviews will be conducted every ten (10) years. The next scheduled review date for this Policy is _____.

5.2 In the interim, this Policy may be revised or rescinded if:
(a) the Approving Body deems necessary; or
(b) the relevant Bylaw, Regulations or Policy is revised or rescinded.

5.3 If this Policy is revised or rescinded, all Secondary Documents will be reviewed as soon as reasonably possible in order to ensure that they:
(a) comply with the revised Policy; or
(b) are in turn rescinded.

2.2 Length of Term

The appointment of Dean Emeritus/Emerita is for life.

2.3 Recognition

The honour is the most important aspect of this title. However, it is acknowledged that some individuals holding the title Dean Emeritus/Emerita may require facilities such as office and laboratory space. The responsibility for supplying such resources lies with the faculty concerned.

2.4 Other

The above information is applicable to directors of schools, except the title to be conferred will be "Director Emeritus/Emerita".

2.5 Further Information

Nominations should be submitted to the University Secretary, Room 312 Administration Building. Deadline for receipt of nominations is December 31 for consideration by the Committee in January.

Further information is available from this office (telephone 474-6167).

3.0 Accountability

3.1 The University Secretary is responsible for advising the President that a formal review of the Policy is required.

3.2 The University Secretary is responsible for the communication, administration and interpretation of this Policy.

4.0 Secondary Documents

The Approving Body may approve Procedures which are secondary to and comply with this Policy.

5.0 Review

5.1 Formal Policy reviews will be conducted every ten (10) years. The next scheduled review date for this Policy is _____.

5.2 In the interim, this Policy may be revised or rescinded if:

- (a) the Approving Body deems necessary; or
- (b) the relevant Bylaw, Regulations or Policy is revised or rescinded.

5.3 If this Policy is revised or rescinded, all Secondary Documents will be reviewed as soon as reasonably possible in order to ensure that they:

- (a) comply with the revised Policy; or
- (b) are in turn rescinded.

6.0 Effect on Previous Statements

6.1 This Policy supersedes the following:

- (a) all previous Board/Senate Policies, Procedures, and resolutions on the subject matter contained herein; and
- (b) all previous Administration Policies, Procedures, and directives on the subject matter contained herein;
- (c) Policy: Dean Emeritus approved June 28, 1984.

7.0 Cross References

Cross References			
[Indicate names and numbers of other specific Governing Documents which should be cross referenced to this Governing Document. Include section # of other Governing Documents if appropriate.]			
Cross referenced to	(1) _____	(3) _____	
	(2) _____	(4) _____	



No. _____		Effective Date: _____	
Title: <u>President Emeritus/Emerita</u>		Review Date: _____	
Approving Body:	<input checked="" type="checkbox"/> Board of Governors	<input type="checkbox"/> Senate	
	<input type="checkbox"/> Administration (specify): _____		
Authority	<input checked="" type="checkbox"/> <i>University of Manitoba Act</i> Section # <u>16(1)</u>		
	<input type="checkbox"/> Other Legislation [name and section #] _____		
	<input type="checkbox"/> Bylaw [name and section #] _____		
	<input type="checkbox"/> Regulation _____		
Implementation: <u>University Secretary</u>			
Contact: <u>University Secretary</u>			
Applies to:	<input checked="" type="checkbox"/> Board of Governors members	<input type="checkbox"/> External Parties	_____
	<input type="checkbox"/> Senate members	[Specify applicable external parties]	
	<input type="checkbox"/> Faculty/School Councils	<input type="checkbox"/> Employees	_____
	<input type="checkbox"/> Students	[Specify applicable employee organizations and employment groups] _____	

1.0 Reason for Policy

To honour former Presidents of the University of Manitoba who rendered distinguished service while serving as President.

2.0 Criteria

The title of President Emeritus/Emerita may be conferred on an individual who has served as President of the University for at least five years. Individuals so honoured must have rendered distinguished service to the University during the term of office. A President Emeritus/Emerita, upon retirement, is eligible to be considered for the title of Professor Emeritus/Emerita.

2.1 Nominations

Nominations for President Emeritus/Emerita may be made by any member of Senate or the Board of Governors. Nominations shall be submitted in confidence to the University Secretary. The Board of Governors shall approve nominations for President Emeritus/Emerita based on recommendation from the Chancellor's Committee. Any consideration of a nomination for President Emeritus/Emerita by the Board of Governors shall be considered in closed session

2.2 Length of Term

The appointment of President Emeritus/Emerita is for life.

2.4 Recognition

The conferring of the title honours both the individual and the University. The honour is the most important aspect of this title, which will be conferred during convocation.

2.5 Further Information

Nominations should be submitted to the University Secretary, Room 312 Administration Building. Deadline for receipt of nominations is December 31 for consideration by the Chancellor's Committee in January.

3.0 Accountability

3.1 The University Secretary is responsible for advising the President that a formal review of the Policy is required.

3.2 The University Secretary is responsible for communication, administration and interpretation of this Policy.

4.0 Secondary Documents

The President may approve Procedures which are secondary to and comply with this Policy.

5.0 Review

5.1 Formal Policy reviews will be conducted every ten (10) years. The next scheduled review date for this Policy is.

5.2 In the interim, this Policy may be revised or rescinded if:
(a) the Approving Body deems necessary; or
(b) the relevant Bylaw, Regulations or Policy is revised or rescinded.

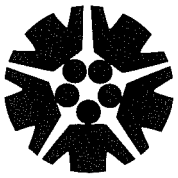
5.3 If this Policy is revised or rescinded, all Secondary Documents will be reviewed as soon as reasonably possible in order to ensure that they:
(a) comply with the revised Policy; or
(b) are in turn rescinded.

6.0 Effect on Previous Statements

This Policy supersedes the following:
(a) Policy President Emeritus/Emerita approved July 1, 2005

7.0 Cross References

<p>Cross References [Indicate names and numbers of other specific Governing Documents which should be cross referenced to this Governing Document. Include section # of other Governing Documents if appropriate.]</p> <p>Cross referenced to: (1) _____ (3) _____ (2) _____ (4) _____</p>



University of Manitoba Students' Union

www.umsu.ca

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

December 18, 2009

Dear Mr. Leclerc,

Please be advised that on November 19, 2009, the University of Manitoba Students' Union (UMSU) Council considered and approved a motion to continue collecting the UMSU Annex Fee and amalgamating the fees collected for the various UMSU Capital Funds. The motion was as follows:

"WHEREAS on February 25, 1998, UMSU Council passed a motion to collect \$0.50 per credit hour to a maximum of 22 credit hours per student per year, (currently \$5.50 per undergraduate student per semester), to be used to pay for space in the Nursing Building (Helen Glass Centre); and

WHEREAS UMSU will be finished paying off the loan for the UMSU Annex within the Nursing Building by January 1, 2010; and

WHEREAS UMSU currently has three capital funds with varying fees for students at the different campuses; therefore, BE IT RESOLVED THAT UMSU Council approves the continued collection of the UMSU Annex Fee and the amalgamation of the UMSU Capital Fee, the Capital Sinking Fee and the UMSU Annex (Nursing Building) Fee into the UMSU Capital Fund, which will consist of a single \$9 fee per undergraduate student, per semester.

BE IT FURTHER RESOLVED THAT Bannatyne students would receive a dedicated percentage (2%) of the annual levy revenue of the UMSU Capital Fund for the Bannatyne capital fund, otherwise known as the Joe Doupe Fund.

BE IT FURTHER RESOLVED THAT the UMSU Capital Fund be used to pay for capital costs, including the purchase or repair of fixed assets, in UMSU space.

BE IT FURTHER RESOLVED THAT a long term goal of the UMSU Capital Fund and the Joe Doupe Fund is to acquire more student-owned space on the Fort Garry, Bannatyne and Inner City Campuses."

In light of the approval of this motion, we respectfully request that a motion be sent through the appropriate bodies of the Board of Governors as soon as possible for final approval. In line with the above motion which was approved by UMSU Council, this motion would allow for the continued collection of the UMSU Annex Fee and would amalgamate the three UMSU capital fund fees currently collected per semester (Annex Building Fund = \$5.50, Capital Fund = \$3.00, and Capital Sinking Fund = \$0.50), merging them into one UMSU Capital Fund with a single \$9 fee per undergraduate student per semester. Please note that this request results in no net increase in fees for students at Fort Garry Campus, but will provide a five dollar (\$5) decrease in fees for students attending Bannatyne Campus. Bannatyne students currently contribute \$11.50 per semester in fees allocated to three separate capital funds (Annex Building Fund = \$5.50, Capital Fund/Joe Doupe Fund = \$5.75, and Capital Sinking Fund = \$0.50). A noted benefit of this change in fee collection is that accounting will be less complicated for UMSU and the University.

I have included a copy of the UMSU Council minutes where the Finance Committee motion was proposed and passed. Please contact me if you have any questions or require further information.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sid Rashid', written over a horizontal line.

Sid Rashid
President

students serving students since 1919

UMSU COUNCIL MEETING
THURSDAY November 19th, 2009 – 6:00PM

UMSU Council Chambers – 176 Helen Glass

Motion #1 (as amended)

WHEREAS on February 25, 1998, UMSU Council passed a motion to collect \$0.50 per credit hour to a maximum of 22 credit hours per student per year, (currently \$5.50 per undergraduate student per semester), to be used to pay for space in the Nursing Building (Helen Glass Centre); and

WHEREAS UMSU will be finished paying off the loan for the UMSU Annex within the Nursing Building by January 1, 2010; and

WHEREAS UMSU currently has three capital funds with varying fees for students at the different campuses; therefore,

BE IT RESOLVED THAT UMSU Council approves the continued collection of the UMSU Annex Fee and the amalgamation of the UMSU Capital Fee, the Capital Sinking Fee and the UMSU Annex (Nursing Building) Fee into the UMSU Capital Fund, which will consist of a single \$9 fee per undergraduate student, per semester.

BE IT FURTHER RESOLVED THAT Bannatyne students would receive a dedicated percentage (2%) of the annual levy revenue of the UMSU Capital Fund for the Bannatyne capital fund, otherwise known as the Joe Doupe Fund.

BE IT FURTHER RESOLVED THAT the UMSU Capital Fund be used to pay for capital costs, including the purchase or repair of fixed assets, in UMSU space.

BE IT FURTHER RESOLVED THAT a long term goal of the UMSU Capital Fund and the Joe Doupe Fund is to acquire more student-owned space on the Fort Garry, Bannatyne and Inner City Campuses.

Questions/Comments: None

Debate: None

Motion #1: Carried.

Tripple then brought forward the second motion from Finance Committee which follows the first motion in Council's packages. Tripple reported that this motion is in regards to approving the UMSU auditors for the year, which is standard practice.

Questions/Comments:

Gould asked if the company being chosen, BDO Dunwoody has done UMSU audits before.





AGENDA ITEM: Revisions to the Student Discipline Bylaw and related Procedures

RECOMMENDED RESOLUTION:

THAT the Board of Governors approve the revisions to the Student Discipline Bylaw and related Procedures [as recommended by Senate on December 2, 2009].

Action Requested: Approval Discussion/Advice Information

CONTEXT AND BACKGROUND:

The Student Discipline and related Procedures were last reviewed by Senate in September 2008 and reviewed and approved by the Board of Governors in September 2008. At that time, both Senate and the Board of Governors were advised that the Bylaw is a living document and that changes will be made from time to time as any issues regarding the application of the Bylaw are identified.

These changes are recommended following concerns expressed to the University Discipline Committee the University of Manitoba Students Union (UMSU) and the Graduate Students Association (GSA).

RESOURCE REQUIREMENTS:

N/A

IMPLICATIONS:

N/A

ALTERNATIVES:

N/A



Board of Governors Submission

Routing to the Board of Governors:

<u>Reviewed</u>	<u>Recommended</u>	<u>By</u>	<u>Date</u>
x	x	University Discipline Committee	October , 2009
x	x	Senate Executive	November 18, 2009
x	x	Senate	December 2, 2009
		Senate	

Submission prepared by:

Submission approved by: University Secretary.

Attachments

- Report of the University Discipline Committee regarding the Revision of the Student Discipline Bylaw and related Procedures

**Report of the University Discipline Committee
Regarding the Revision of the Student Discipline Bylaw and related Procedures**

Preamble

1. The Terms of Reference of the University Discipline Committee are found in the Student Discipline Bylaw on the governance website.
2. Included in the terms of reference for the University Discipline Committee (UDC) is the periodic review of the Student Discipline Bylaw (Bylaw) and related Procedures and, if necessary, to recommend changes to the Bylaw.
3. The Student Discipline and related Procedures were last reviewed by Senate in September 2008 and reviewed and approved by the Board of Governors in September 2008. At the time, both Senate and the Board of Governors were advised that the Bylaw is living document and that changes will be made from time to time as any issues regarding the application of the Bylaw are identified.
4. The University Discipline Committee met with the Graduate Students' Association ("GSA") and the University of Manitoba Students' Union ("UMSU"), to discuss some suggested amendments brought forth by both student groups.
5. The UDC met in June 2009 to review the suggested changes to the Student Discipline Bylaw, and related procedures and make recommendations to the Board of Governors.

Observations

1. The University Discipline Committee met with representatives from UMSU and GSA on two occasions to review suggested amendments to the Procedures. The UDC recommends the following amendments for the approval of the Board of Governors:

CURRENT WORDING	PROPOSED WORDING	RATIONALE
<p>2.14.2 When an appeal is received based on a fine or the amount ordered, the only decision from which an appeal is taken is the amount levied by way of fine or the amount ordered to be paid by way of restitution; then, if such fine or restitution does not exceed \$500.00, the Chair may, at the Chair's discretion, personally decide the matter, or may convene a hearing panel to hear the appeal.</p>	<p>2.14.2 When an appeal is received based on a fine or the amount ordered, the only decision from which an appeal is taken is the amount levied by way of fine or the amount ordered to be paid by way of restitution; then, if such fine or restitution does not exceed \$250.00, the Chair may, at the Chair's discretion, personally decide the matter, or may convene a hearing panel to hear the appeal.</p>	<p>Both student bodies were concerned with the Chair unilaterally deciding on the fines over \$250. This appeared reasonable to the Committee.</p>

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

CURRENT WORDING	PROPOSED WORDING	RATIONALE
<p>2.4.5</p> <p>Where the Student has been suspended or expelled from a Faculty/ School of the University, any other Faculty/School may refuse to register the Student for any course or courses or refuse to accept the Student as a transfer Student, provided that prior to such refusal, the other Faculty/School has:</p> <p>(a) obtained and considered a written report from the Disciplinary Authority that implemented the suspension or expulsion, outlining the circumstances surrounding the disciplinary action; and</p> <p>(b) provided the Student a copy of the report.</p>	<p>2.4.5</p> <p>Where the Student has been suspended or expelled from a Faculty/ School of the University, any other Faculty/School may refuse to register the Student for any course or courses or refuse to accept the Student as a transfer Student, provided that prior to such refusal, the other Faculty/School has:</p> <p>(a) obtained and considered a written report from the Disciplinary Authority that implemented the suspension or expulsion, outlining the circumstances surrounding the disciplinary action;</p> <p>(b) provided the Student a copy of the report; and</p> <p>(c) given the student an opportunity to respond to the report.</p> <p>This is not an appealable matter.</p>	<p>Both student bodies requested that the third clause be added where the student in question would have an opportunity to respond to the report as was in the old bylaw. It was agreed that the old wording be added but to make clear that this is not an appealable item.</p>

<p>2.1.2 If the disciplinary matter relates to a course other than a course offered by the Faculty/School in which the student is registered, the following procedures shall take place:</p> <p>(a) the matter shall be referred directly to the Dean/Director of the Faculty/School offering the course; and</p> <p>(b) where disciplinary action is found to be warranted the appropriate disciplinary action shall be determined in consultation with the Dean/Director of the Faculty/School in which the student is registered.</p>	<p>2.1.2 If the disciplinary matter relates to a course other than a course offered by the Faculty/School in which the student is registered, the following procedures shall take place:</p> <p>(a) the matter shall be dealt with directly by the Department Head; and</p> <p>(b) where disciplinary action is found to be warranted the following shall apply:</p> <p style="padding-left: 40px;">(i) The Department Head shall review the Student's Academic History to determine whether other acts of Academic Dishonesty and/or Inappropriate Behaviour have occurred previously for this student, and</p> <p style="padding-left: 40px;">(ii) The appropriate disciplinary action shall be determined in consultation with the Dean/Director of the Faculty/School in which the student is registered and the Department Head of the Faculty/School offering the course will advise if earlier acts of Academic Dishonesty and/or Inappropriate Behaviour were found.</p>	<p>Concerns were raised by the Chair of the Committee where sub section (a) directs a Department Head to refer the matter directly to the Dean/Director of the Faculty/School offering the course. It was discussed amongst the committee members that section (a) be changed with new wording allowing the Department Head to deal with these matters but to check the Student's academic History to determine whether earlier acts of Academic Dishonesty or Inappropriate Behaviour had taken place before consulting and determining the Disciplinary Action for the current breach of the Student Discipline Bylaw.</p>
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RECOMMENDATION

That Senate recommend that the Board of Governors approve the amended Student Discipline procedures as recommended by the University Discipline Committee.

Respectfully submitted,

Dr. T. G. Berry, Chair
University Discipline Committee



AGENDA ITEM: Proposal for a DMD/PhD Dental Medicine and Research Program

RECOMMENDED RESOLUTION:

THAT the Board of Governors approve the proposal for a DMD/PhD Dental Medicine and Research Program [as recommended by Senate December 2, 2009].

Action Requested: Approval Discussion/Advice Information

CONTEXT AND BACKGROUND:

All new programs require approval of the Board of Governors prior to being submitted to the Council on Post-Secondary Education (COPSE).

For a variety of reasons, there is a significant shortage of appropriately trained clinical researchers required to address relevant issues and to translate dental research from the laboratory and clinical testing phases of development to the chair-side. This program will develop dental clinician-scientists who can operate comfortably in either environment, who can identify important relevant clinical problems and who can transfer important new methodologies to patient care.

Funding has been acquired from the Manitoba Medical Service Foundation, Manitoba Institute of Child Health, the Manitoba Dental Association and the Aboriginal Capacity and Developmental Research Environments to support two summers of student research. Building on this base, the DMD/PhD program intends to use the B.Sc.(Dent) program to identify students with outstanding potential research capabilities and to pair them with faculty researchers, most of whom are funded by national or local agencies. The students in the program will complete the requirements of the Doctor of Dental Medicine and the PhD degrees concurrently over seven years. These students will follow an extended program of clinical dental education and concurrently train in a research laboratory to a PhD level of expertise.

RESOURCE REQUIREMENTS:

There are no new resources required to implement this program. The program would use existing instructional resources including instructors, computers and other laboratory equipment to deliver the program.

IMPLICATIONS:

This proposal represents a ground-breaking endeavour which will integrate with other graduate-level programs in the Faculty of Dentistry and the University; the research experience afforded to these students will rank with the best in North America. Such a program would be unique in Canada and would provide the foundation to educate and train future dental clinician-scientists to support the renewal of dental research in the province and extend the reputation of the province and the University beyond the traditional borders.

CONSULTATION:

This proposal is forwarded to the Board of Governors by Senate after consideration by the Faculty of Dentistry, the Faculty of Graduate Studies, SPPC and Senate Executive. The program is supported by researchers in the Faculty of Dentistry and various other organizations including the Manitoba Dental Association.



Board of Governors Submission

Routing to the Board of Governors:

<u>Reviewed</u>	<u>Recommended</u>	<u>By</u>	<u>Date</u>
x	x	Faculty of Graduate Studies	May 21, 2009
x	x	Senate Planning & Priorities Committee	October 26, 2009
x	x	Senate Executive	November 18, 2009
x	x	Senate	December 2, 2009

Submission prepared by: Senate

Submission approved by: University Secretary.

Attachments

- Report of the Faculty Council of Graduate Studies [dated May 21, 2009] with attached program proposal
- Report of the Senate Planning and Priorities Committee [dated October 26, 2009]

Report of the Faculty Council of Graduate Studies on New Programs

Preamble

1. The Faculty of Graduate Studies has responsibility for all matters relating to the submission of graduate course, curriculum and program changes, and new graduate programs. Recommendations for new programs or changes are submitted by the Faculty Council of Graduate Studies for the approval of Senate.

2. The Faculty Council of Graduate Studies met on the above date to consider a integrated DMD/PhD proposals from the Faculty of Dentistry

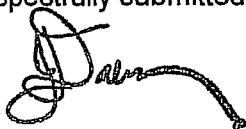
Observations

1. The Faculty of Dentistry proposes a new program, the DMD/Ph.D. Please refer to:
 - Program Proposal (Attach. A)
 - Combined External Reviewers' Report & Departmental Response (Attach. B)

Recommendations

The Faculty Council of Graduate Studies endorses the integrated DMD/Ph.D. program proposal and recommends that it be approved by Senate:

Respectfully submitted,



Dean J. Doering, Chair
Graduate Studies Faculty Council



FACULTY OF
DENTISTRY

SCHOOL OF
DENTAL HYGIENE
University of Manitoba

Traditions of Excellence, Horizons of Change



UNIVERSITY
OF MANITOBA

Proposal from the
Faculty of Dentistry,
University of Manitoba
to establish an integrated
DMD/PhD program

The department/unit planning on delivering a new graduate program prepares a New Program Proposal submission addressing the following matters for assessment. Guidelines for information required, headings and format are given below. The submission is to include an Executive Summary at the beginning of the written proposal and a projected date of program implementation.

Proposal to develop an integrated DMD/PhD in the Faculty of Dentistry

EXECUTIVE SUMMARY

Dental education at the University of Manitoba has traditionally provided excellent training in clinical dentistry, indeed the dental program is known for the quality and competence of its graduates. With the modern knowledge explosion, dentistry like other fields, requires ongoing underpinning of the clinical methodologies with new cutting edge research in both basic and clinical dental areas. For a variety of reasons, there is a significant shortage of appropriately trained clinical researchers required to address relevant issues and to translate dental research from the laboratory and clinical testing phases of development to the chair-side. To develop the dental clinician-scientists who can operate comfortably in either environment, who can identify important relevant clinical problems and who can transfer important new methodologies to patient care, the Faculty of Dentistry is proposing to create and implement a DMD/PhD program. Although several such programs exist in the United States, such a program will be unique in Canada. It will provide the foundation to educate and train future dental clinician-scientists to support renewal of dental research in the province and extend the reputation of the province and University beyond the traditional borders.

Our proposal will build on the successful undergraduate dental research experience of the B.Sc. (Dent.) program. This is now the largest research program for undergraduate dental students in the country having expanded from about 7-8 students in 2007 to approximately 25 students in 2008. We have acquired funding from Manitoba Medical Service Foundation (MMSF), Manitoba Institute of Child Health (MICH), the Manitoba Dental Association (MDA) and the Aboriginal Capacity and Developmental Research Environments (ACADRE) to support two summers of student research. Building on this base, the DMD/PhD program intends to use the B.Sc. (Dent) program to identify students with outstanding potential research capabilities and to pair them with faculty researchers, most of whom are funded by national or local agencies. These students will pursue a PhD integrated within the DMD program. These students will follow an extended program of clinical dental education and concurrently train in a research laboratory to a PhD level of expertise (see appendix with graphical presentation of this program). A great advantage of this program is that it will integrate the acquired clinical knowledge of the DMD with the rigorous PhD training extant in both programs in the faculty. Thus no new resources or materials are required. This is of course an important added benefit for the Faculty and the University. Furthermore the proposed program will bring national and international recognition as a "research intensive" faculty and institute.

In conclusion, implementation of the DMD/PhD in Dentistry represents a ground-breaking endeavor which ultimately is cost-neutral. It will integrate with other graduate-level programs in the Faculty and the university and the research experience afforded to these students will rank with the best in North America. As a cutting-edge program supported by the Faculty of Dentistry, the researchers in the Faculty, and various other organizations including the Manitoba Dental Association, our Faculty in unequivocal terms recommends immediate approval of the DMD/PhD program.

A. PROGRAM DESCRIPTION

1. Rationale, objectives and features

I. Clearly state the rationale for the program.

Scientific and technological advancements that generate new knowledge continue to occur at unprecedented rates. In order to maintain the status of a respected scientifically-based health profession, dentistry must appreciate and incorporate these advances within its education and patient care system. The continued evolution of the dental profession will depend on the discipline's ability to translate advancements in biomaterials, molecular biology/medicine, and integrated interdisciplinary services to clinical settings. Traditionally, dental school graduates do not have an appreciation for the application/importance of research and discovery to patient care activities and are not adequately prepared to embrace technology-based education/training and informational resources critical to life-long learning and professional growth. The general lack of incentives for clinical dentists to incorporate research experiences/training or follow an academic career course, particularly involving a requirement for original research as part of their job, has resulted in many unfilled faculty positions both in Canada and the United States. Indeed a crisis looms for dental schools in North America as it has become very difficult to fill these faculty positions with full-time dentally qualified individuals capable of academic scholarship and willing to accept lower levels of remuneration compared with private practice. This is particularly important in light of current faculty shortages (250 unfilled positions in US dental schools as of 2004-2005) and the most recent data regarding US dental graduates as the 2003 ADEA Survey of Dental School Seniors demonstrated that only 1.9% of graduates (47 out of 4,000) were interested in pursuing academic/research careers.

Recent reports have hypothesized that this problem may be overcome by dental school curricula that create sophisticated consumers of research, foster an appreciation of research/discovery, and stimulate an interest in academic/research careers. These curricula enhance access, acceptance, and applicability of science and scholarship through integration of biomedical/clinical sciences, scholarly approaches to evidence-based paradigms in clinical patient management, and application of biomedical and technological advances to clinical practice settings. Approaches have included a mandatory dedicated four-year research/scholarly curriculum track as well as various courses, special programs, or elective student experiences. Each approach has demonstrated a positive influence on student attitudes toward careers in academic dentistry. Indeed, new dental faculty have indicated that student participation in research/scholarly activities and active mentorship by faculty were crucial factors in developing their interest in academic/research careers. Previous reports have emphasized the need for dental schools to integrate research and scholarship into the curriculum such that they produce future leaders for the profession and it has been estimated that dental schools must engage 20% of their best and brightest students with enriched academic curricula for 20% of their educational program in order to accomplish this.

II. Clearly state the objectives of the program.

This program will be unique to Manitoba and to Canada. The objectives of the program are:

- 1. To develop dental clinician scientists to undertake leadership roles in dental research and education*
- 2. Provide a pipeline for development of qualified scientists to maintain the level of excellence of teaching and research at the Faculty of Dentistry, University of Manitoba, as well as to disseminate our reputation to other dental schools across the country.*
- 3. To train highly competent clinician scientists who will make significant advances in our basic understanding of oral infectious and systemic diseases.*
- 4. To train scientists conversant in dental diseases who can translate basic research findings into clinically relevant diagnostic, preventive, and therapeutic methods.*

III. Indicate how the program fits within the research/academic priorities of the unit and faculty/school.

The Faculty of Dentistry at the University of Manitoba has a long history of academic research and scholarly activity. From its inception in 1958, basic biomedical research related to dental diseases and systemic conditions has been a priority of the faculty. Indeed the Faculty was actually the first site in North America to offer a Ph.D. in Oral Biology. Researchers have been internationally recognized for their outstanding achievements in such areas as oral microbiology, bacterial characterizations and salivary research¹. These researchers together with more recent appointees have formed the core of a very active research program in the Faculty. Indeed the majority of researchers has been funded by national and local agencies for many years and collaborate with researchers in Medicine, and at other institutions nationally and internationally. They have also trained many graduate students at both the M.Sc. and Ph.D. levels (the Director of the Canadian Space Agency, Biological Division, Dr. N. Buckley is a former Ph.D. student with Dr. Hamilton). Thus graduate level research is vitally important in the faculty. During the past year, the Faculty has undertaken a major expansion in the B.Sc. (Dent) undergraduate research program. Structured in a similar fashion to the B.Sc. (Med.) program, it now has approximately 25 students enrolled – about the equivalent of one complete class of undergraduate dental students. In addition with the major emphasis on research experience, faculty members now provide structured learning workshops over the summer for these students, reflecting our commitment to research. To complement this enhanced availability of student research and the broadened access to faculty research expertise, the proposed DMD/PhD program is the next logical step in the development of a vibrant local dental/ systemic health research program.

¹ Dr. Bowden has a bacterium named after him; Dr. Hamilton has received honorary degrees from both Laval University and Malmo University, Sweden; Dr. Dawes has received international awards for his salivary research

IV. Highlight novel or innovative features of the program.

No such program exists in Canada, thus this program will be unique both to the province and to the country. In Manitoba, advanced training in dental research can only occur within the Faculty of Dentistry at the University of Manitoba as only here does the expertise exist to supervise students at the Ph.D. training level through undertaking original research. Ultimately students will become clinically competent as dentists but concurrently acquire the skills to function as independent scientists supporting the dental profession. Furthermore, and of particular importance to this program as clinician/scientists, these students will be in a unique position to apply their research findings directly to clinical situations, thus interacting at both levels.

2. Context

I. Indicate the extent to which the program responds to current or future needs of Manitoba and/or Canada.

No opportunity for dental research training exists in Manitoba except at the Faculty of Dentistry, University of Manitoba. The present proposal will extend this opportunity from the undergraduate level (B.Sc. (Dent) program) to the independent investigator level through training and experience at the Ph.D. level. No similar Ph.D. level programs exist in Canada to the best of our knowledge. UBC has a stand-alone M.Sc. level program. Hiring of new faculty members in Dentistry will require high levels of expertise and training in research as the Faculty renews itself. The proposed DMD/PhD program will meet ongoing current and future needs and requirements for researchers to provide teaching at the undergraduate level, high level research productivity and nationally recognized training opportunities in dental and biomedical research.

II. What is (are) the particular strength(s) of the program? e.g. this program will be known for its strength in areas A, B and C in the discipline.

The Department of Oral Biology has been noted for its expertise in basic dental-related research. In fact several years ago, MacLean's magazine made particular note of the department as internationally recognized. We expect to continue this path of excellence by training a majority of students in basic laboratory biomedical/biodental research. This will begin at the B.Sc. (Dent) level, and for a few select students who display high potential, we will provide the opportunity for them to proceed beyond this undergraduate degree to develop additional research knowledge and skills combined with their dental education leading to the DMD/PhD. Thus the strengths of this program are to provide students with an introduction to research and to allow them to develop the abilities and expertise to function as independent investigators. In addition other areas within the faculty will also be open to students. For example the faculty has a very active Orthodontics research program as well as community-related epidemiology research ongoing. Depending on students' interests, these areas will also provide potential research fields as well as an opportunity to integrate into a D.M.D/Ph.D. program. It should however be noted that we envision all programs to involve cross-disciplinary supervision and interactions between students and faculty members.

III. What will outsiders know the program for in terms of areas of concentration or specialization?

As a unique program at the university, outsiders will know the program from two differing views. The general public will see graduates of the program undertaking important research in the dental area and acting as public interpreters of both clinical and basic research. Other faculties of dentistry in Canada or the US will know the faculty for potential highly trained graduates able to undertake clinical or basic research while providing undergraduate dental instruction expertise.

IV. Indicate the extent to which the program extends or uses existing programs at The University of Manitoba as a foundation.

This DMD/PhD program will build on several existing programs. As mentioned above, the present B.Sc. (Dent) program will be used as the foundation for initial experience and demonstration of research potential in undergraduate dental students. It will also provide the means of identifying students who display the capacity to undertake high level research training. In addition the Ph.D. program in Oral Biology will also be used as a model. Interaction between DMD/PhD and regular Ph.D. graduate students will provide a wealth of opportunities for interactions and experiences not often available to either group individually.

V. Indicate the extent to which the program enhances co-operation among Manitoba's universities.

Other universities in Manitoba feed the D.M.D. program through a competitive entrance process. Similarly entrance into a DMD/PhD program will essentially be competitive. Potential for research collaborations or joint supervision of DMD/PhD students exist depending on the research project.

VI. Indicate the extent to which the program is likely to enhance the national/international reputation of The University of Manitoba.

The DMD/PhD program in Dentistry will enhance the national/international reputation of The University of Manitoba as it will train dental researchers/clinicians who will be highly competitive for faculty positions here at the university as well as at other institutions worldwide. This will provide a tremendous added bonus to this program which will benefit the University of Manitoba.

VII. Indicate where similar programs are offered in Canada and North America. (Tabular format).

United States and Canada:

- Baylor
- Birmingham
- Marquette University
- Medical University of South Carolina
- New Jersey Dental School
- San Antonio
- South Carolina
- UCSF
- University of Western Ontario (though not an integrated program)

3. Specifics

I. Indicate the credential (degree or diploma) to be granted a student on successful completion of the program.

No new credential is proposed. Upon graduation students will receive a D.M.D. and a Ph.D.

Where a new credential is being proposed, provide:

- a) Rationale for the name
- b) An indication of whether the credential is offered under the same name, similar or different names elsewhere (and if different, state why a new name is chosen)
- c) A list of those (individuals, groups, universities, organizations etc.) consulted in arriving at the new name
- d) An indication of whether accreditation for the new degree is required by an external body

II. Describe the program under the following headings:

- a) Admission requirements

Students identifying the DMD/PhD program will largely be recruited from the pool of students undertaking the B.Sc. (Dent) program and will therefore have met admission criteria and selection processes to enter dentistry. A minimum GPA of 3.0 is required for the B.Sc. (Dent) program. After completion of the first year of undergraduate dentistry and a summer of research in the faculty under the supervision of a qualified faculty advisor, the option of undertaking the DMD/PhD will be discussed with high achieving students. Students who are not in the B.Sc. (Dent) program but with existing research experience (for example some students in the DMD program possess MSc degrees) and who may wish to enter the DMD/PhD stream will also be considered. Standard selection processes of the Faculty of Graduate Studies (FGS) will be applied and applications will be processed and rated within the Faculty of Dentistry by the standing Graduate Studies & Research Committee.

b) Course requirements. Note: if new courses are to be introduced as a result, complete course introduction forms will be required.

In consultation with the FGS, we intend to make course requirements align with present requirements. In consideration of the large number of credit hours associated with the DMD program which has 366 credit hours in 56 courses and in consultation with FGS, DMD/PhD students would take a minimum of 12 credit hours at the 7000 level. No new courses will be introduced. Courses will be drawn from present offerings in Oral Biology and individual departments in Medicine or interdisciplinary courses such as Cell Biology.

c) Evaluation of students procedures.


Students will be evaluated according to criteria set out in the DMD and PhD programs and following standards presently existing in the Faculty of Graduate Studies.

d) Thesis, practicum or comprehensive procedures and regulations

The DMD/PhD will require original research expected at the Ph.D. level in programs such as Oral Biology. Thesis requirements will follow those of the FGS as will comprehensive requirements. All other regulations will be those of the FGS.

e) Ability to transfer courses into the program

The undergraduate DMD is very specific in its course requirements and transfers cannot be done. In the case of the PhD, it will be dependent on regulations of the FGS.

f) Other procedures and regulations specific to the program, but not covered above -
Supplemental Regulations 

4. Projections and Implementations

I. Provide a sample program listing for a typical student in the program and a timeline for completion of their studies leading to the credential proposed.

This program will be an integrated program (see attached example modified according to the reviewers suggestions on page 18).

- *Students will complete the first year of undergraduate dental studies and enter the B.Sc. (Dent) program. Top caliber students will be identified from academic performance in first year and research performance.*
- *In the second year of the undergraduate program, a modified scheduling will take place such that students will begin research for the Ph.D. This will occupy approximately one half of their time commitment. The remaining one half will be devoted to undergraduate clinical work. The second summer will be a continuation of their first summer's research as well as the Ph.D. research of the second year.*
- *Year three will be devoted almost exclusively to Ph.D. research with a small continuation of clinical work. Summer of third year will again be devoted to research.*

- *Similarly fourth year will mirror third year with a concentration on research. The summer of fourth year will again be centered on research.*
- *Year five will incorporate continued research effort at a similar pace as in year four. This will enable the collection of the majority of the Ph.D. data. The summer after this year will again be focused on research.*
- *Year six will see a shift back to the undergraduate D.M.D. program with a small commitment to the Ph.D. research undergraduate dental requirements sufficient for the D.M.D. program.*
- *Year seven will be similar to year six.*
- *Awarding of the D.M.D. will not take place until defense of the Ph.D. is successfully completed.*
- *Both degrees will be awarded at the same time.*

II. Estimate the enrolment for the first 5 years of the program and provide the evidence on which the projection is based.

We would not anticipate more than two students undertaking this program in any one year and believe that most likely only one would be enrolled per year given the heavy time commitment. Overall we anticipate a maximum of 4-6 students in this program at any one time.

III. State whether there is an intent to provide some aspects of the program through distance education and if so, how this will be effected.

No intent to provide distance education.

IV. Provide a schedule for implementation.

Summer 2008: *acceptance of first year dental students into B.Sc. (Dent) program [this has been done. The program has expanded from 8 students in 2007 to 26 students in 2008. Funding base has expanded from MMSF to include MICH and MDA]*

Spring 2009: *approval of program by COPSE*

Summer 2009: *identification of high performing students*

Fall 2009: *registration of a maximum of 2-3 students (from the pool of B.Sc. (Dent) students in summer 2008) in the DMD/PhD program. Note: if only 1 student wishes to pursue these studies first year, the next class of B.Sc. (Dent) students will be the pool for potential DMD/PhD students. This cycle will continue year after year.*

B. HUMAN RESOURCES

1. Faculty

List all faculty members associated with the program (include adjuncts).

I. For research-based programs (i.e. thesis) indicate their expected association as:

a) Thesis advisors *Only those holding the Ph.D. degree in the Faculty:*

A. Iacopino, D.M.D., Ph.D., A. Banerjee Ph.D., R. Bhullar Ph.D., C. Birek D.M.D., Ph.D., P. Chelikani Ph.D., L-P Choo-Smith (adjunct) Ph.D., N. Fleming Ph.D., S. Gelskey Ph.D., J. Gilchrist Ph.D., A. Karim Ph.D., G. Kirouac Ph.D., C. Lekic D.M.D., Ph.D., K-Z. Liu (adjunct) Ph.D., A. McNicol Ph.D., G. Nogueira, D.M.D., Ph.D., R. Roperto, D.M.D., Ph.D., R. Schroth Ph.D., D. Scott (adjunct) Ph.D., J.E. Scott, Ph.D., A. Shaw (adjunct) Ph.D., M. Sowa (adjunct) Ph.D., W. Wiltshire, Ph.D.

b) Thesis committee members

A. Iacopino, S. Ahing, J. Asadoorian, A. Banerjee, H. Benitez, R. Bhullar, C. Birek, T. Bonstein, N. Boorberg, D. Brothwell, P. Chelikani, L-P Choo-Smith (adjunct), J. Curran, D. Davidson, C. Dong, N. Fleming, S. Gelskey, E. Ghiabi, J. Gilchrist, A. Karim, G. Kirouac, S. Lavigne, C. Lekic, K-Z. Liu (adjunct), L. MacDonald, N. Mazurat, R. Mazurat, A. McNicol, G. Nogueira, J. Perry, I. Pesun, V. Pruthi, R. Roperto, D. Schonwetter, R. Schroth, D. Scott (adjunct), J.E. Scott, A. Shaw (adjunct), D. Smith, M. Sowa (adjunct), L. Stockton, A. Stoykewych, V. Swain, M. Wener, W. Wiltshire, C. Yakiwchuk

Faculty members in other faculties, for example the Faculty of Medicine and the NRC Biodiagnostics Institute are regular members involved in student supervision and research in the Faculty of Dentistry.

c) Course teachers

No new courses will be introduced. No impact on teaching.

II. For non-research-based programs (i.e. practicum or comprehensive) indicate their expected association as:

a) Student program advisors

b) Course teachers

Provide an abbreviated* c.v. for thesis advisors and student program advisors. For others, provide only a list (by year) of graduate courses taught over the last 5 years or a rationale for the individual's inclusion in their respective category.

Indicate the extent of participation of thesis advisors listed in I.a) above in other programs and anticipated participation in the proposed program (using relative measures, e.g. 80/20 split program A/program B).

Describe the impact of the proposed program on teaching loads.

2. Support Staff

Indicate the role or participation, if any, of clerical or technical support staff in the delivery or administration of the program.

No additional requirement

3. Other

Indicate the participation in the program, if any, of individuals or groups external to the University of Manitoba and provide a rationale for their participation. List the credentials for each individual/group supporting their involvement.

None

C. PHYSICAL RESOURCES

1. Space

Describe the physical space in which the students will carry out this program of study and in which this program will be administered. (Classrooms for existing courses are assumed in place and no comment is required, but may be included if desired.)

The resources and space for the Undergraduate program are in place and no modification is necessary. Research programs will occur in faculty research laboratories under the supervision of existing faculty members. All equipment for research is already in place.

A 'resource implication' statement is required from the Director of Student Records. (from Neil Marnoch)

"A model for dual degrees involving PhD programs is in existence. For a number of years Student Records has supported the dual degree MD/PhD program. Although administering this program involves a fair amount of manual intervention, it seems manageable due to the low number of students involved. Your proposal is similar and also is planned to accommodate only a few students each year. There is quite a big impact on the Registrar's Office, however, particularly with respect to managing the students' records, registrations and fees.

With regard to fee, in the MD/PhD program students are assessed either the Medicine program fee or the PhD program fee in each year depending upon their primary activity. In each year that the student is assessed the Medicine fee, the student is also assessed the graduate Studies Continuing fee. Based on the sample program you provided, students are primarily studying Dentistry in Year 1, 5, 6, & 7. They are primarily studying toward the PhD in Year 2, 3, & 4. Dental fees are assessed in each of four years. PhD Program fees are assessed in each three years, plus a Continuing Fee for each other year a student is studying toward the degree. I would see the student being assessed the Dental Fee in Year 1; the B.Sc. (Dent) fee (nominal) in the Summer of

Year 1; the PhD program Fee in each of years 2, 3, and 4. The Dental Fee would then be assessed for Year 5, 6, and 7 along with the PhD Continuing Fee for the PhD program in each of these years."

I. Students

Student offices, study carrels, study/reading rooms, rooms with computer connections (if not included in other space), laboratory space, other research or study space as may be appropriate for the program.

No impact – students are already registered.

II. Administrative

General office, graduate chair office (if applicable).

Not required. The program will be administered through existing resources in the Dean's Office. As the students will be drawn from the B.Sc. (Dent) pool, where they are presently registered, their registrations will simply be transferred to the DMD/PhD program.

2. Equipment

I. Teaching

Instructional equipment needed in delivery of courses/workshops/seminars in the program (projectors, video, computers, etc.)

None

II. Research

Major research equipment accessible to graduate students in the program, plans to retire/upgrade equipment or to obtain new equipment over the next 5 years.

The Faculty of Dentistry is fully equipped to undertake research at the MSc and PhD levels as these programs have existed in the faculty for many years. Students in the DMD/PhD program will make use of existing equipment.

A 'resource implication' statement is required from the Director of Information Services Technology.

As these student will already be registered at the University of Manitoba (and thus have usernames and passwords already set up) no additional impact on IST will occur.

3. Computer

Facilities available to graduate students in the program (laptops, PC's, mainframe, scanners, printers, etc.), and anticipated usage of open areas, facilities reserved for students in the program, availability of a University account for use with email, internet access, etc.

The faculty has a small computer room for use by graduate students. In addition the faculty is entirely wireless. We would expect to have to purchase one additional desktop computer for the general use area but being wireless has meant the students can use laptops from the labs. All students entering Dentistry must have wireless laptops. Therefore accessibility to computers and the internet is excellent.

4. Library

a) Describe existing resources available for use in the program

No new resources are required with regard to the libraries as this is really an amalgamation of the DMD program and the PhD program now available in Oral Biology. Furthermore library resources will be dependent on the research program of individual students and their supervisors who will largely be scientists in Oral Biology who presently run research programs. Research literature is presently available, both electronically and in hardcopy from the Neil John Maclean library in the Brodie centre. This literature already meets most needs for graduate students and researchers and will meet the needs of DMD/PhD students.

b) Describe new resources required –

None are required.

A 'resource implication' statement is required from the Director of Libraries.

Your unit should comment on the Library statement and any new resources that are required for the program.

The library supports this program; no new resources are needed. Please see statement attached.

D. FINANCIAL RESOURCES

1. Delivery Costs

List and describe immediate and projected additional costs involved in running the program.

No additional costs are anticipated to run this program as we anticipate only 1-2 students initially in the program. This is also dependent on in-house faculty researchers' willingness to take on research students in addition to their present load of traditional track graduate students.

Tuition:

Students in dentistry are paying approximately \$20,000 per year while graduate tuition is \$4100. Students would pay tuition on a prorated basis depending on time commitments to each program. Thus in the example provided, in year two (the first year of entry into the DMD/PhD) tuition for the dental program would be approximately $\frac{1}{3}$ of the regular undergraduate dental fee and approximately $\frac{2}{3}$ of the Graduate Studies tuition fee.

- I. Costs associated with Human Resources implications under the headings B. 1, 2 & 3
- II. Costs associated with Physical Resources implications under the above headings B. 1, 2 & 3
- III. Costs associated with research not covered above.

For the categories above indicate which costs are to be covered by internal (to unit) reallocation of existing budget(s) and which costs represent need for new funds.

2. Student Support

Indicate how and to what extent support of students is anticipated and indicate what commitment is made for student recruitment.

As marks of student support for research and research programs in the faculty, this past year our B.Sc. (Dent.) program has expanded from a previous registration of 7 students to 25 students. In addition we have formed a Student Research Group (SRG) which has hosted a national student research meeting. Plans for integration of a "research experience" module into the undergraduate curriculum is underway. The development of the DMD/PhD program will mark the high end of student research development. From the undergraduate research experiences, students for the DMD/PhD program will be recruited.

3. Identification of new financial resources

Indicate any new sources of funds that are anticipated for supporting the program.

The Dean's Office has allocated \$50,000 annually to support the B.Sc. (Dent) program which will form the foundation for entry level students into the DMD/PhD program. New studentships have been acquired from MICH and the MDA as well as ongoing support from MMSF for our programs in research.

4. Balance sheet

Provide a financial statement summarizing the expected costs and the revenue anticipated. Present a financial plan that includes all costs from start-up to achievement of a "steady-state" operation of the program. Include such items as capital start-up needs and phasing in of FTE growth.

Neither additional costs nor additional revenues are anticipated.

E. Supporting documents

Provide letters of support from departments/faculties/units and outside groups/agencies/organizations as appropriate.



MANITOBA DENTAL ASSOCIATION

103 - 698 Corydon Avenue, Winnipeg, Manitoba R3M 0X9

Phone: (204) 988-5300
Fax: (204) 988-5310
www.manitobadentist.ca

May 15, 2008

Dr. J. Elliott Scott
Associate Dean (Research)
Faculty of Dentistry
University of Manitoba
Winnipeg, MB R3E 0W2

Dear Dr. Scott,

Thank you for your letter informing us that you are intending to develop a DMD/PhD degree program here.

Please accept this letter as our support for the program. We are encouraged that you have identified the value related to moving dental research from clinical testing to chairside procedures and developing dental clinician – scientists who can transfer this knowledge to patient care.

This program, as we understand it, will be unique to Canada. To have, in our province, a way to train dental clinician – scientists will go a long way to enhance the reputation of the faculty and attract fulltime educators.

We look forward to hearing how the program will advance innovation and technology in the oral health field which will benefit the public of Manitoba.

On a very positive note, to develop anything new that will be cost-neutral is almost unheard of today.

We encourage the approval of the DMD/PhD program in the Faculty of Dentistry. If we can inform others of our support, please let us know.

Thank you.

Yours truly,

P.A. Kmet, BSc., D.M.D.
President



October 14, 2008

Dr. J. Elliott Scott, Associate Dean (Research)
Faculty of Dentistry
780 Bannatyne Avenue
Winnipeg, MB
R3E 0W2

Dear Dr. Scott:

Re: Proposal to Establish an Integrated DMD/PhD program

I read with great interest the proposal by the Faculty of Dentistry to develop an integrated DMD/PhD program. For many years the Faculty of Dentistry has provided dental services to residents and patients at Riverview Health Centre. In conjunction with the Faculty of Dentistry, RHC is currently in the process of developing a plan to renovate the dental service area. This will be a site in which dentistry students can be educated in the provision of optimal dental care to older persons, using contemporary equipment designed to meet their unique needs.

This new DMD/PhD program will strengthen the relationship between our two organizations, both of which have goals of education and research. For many years, RHC has encouraged and supported the conduct of basic and applied research that is congruent with the mission and goals of RHC and will potentially be of benefit to the residents and patients. Should this DMD/PhD proposal be approved and implemented, I would welcome the opportunity to discuss the allocation of space in our Research Centre to support DMD/PhD student and faculty research that is focused upon the dental and oral health needs of older persons.

You have my strongest support in this initiative.

Sincerely yours,

[sent electronically for:]

Norman R. Kasian
President & CEO

*cc: Dr. Anthony Iacopino, Dean, Faculty of Dentistry, University of Manitoba
Dr. John Bond, Advisor Research and Applied Learning and Manager, Research, RHC*

**An example of a DMD/PhD Program as
suggested by the external review
conducted in January, 2009**

Proposed Year-by-Year program for the DMD/PhD

DMD School Term
PhD School Term
Summer Term

Year 1

100% Undergraduate DMD program

Year 2

50% Undergraduate DMD Program

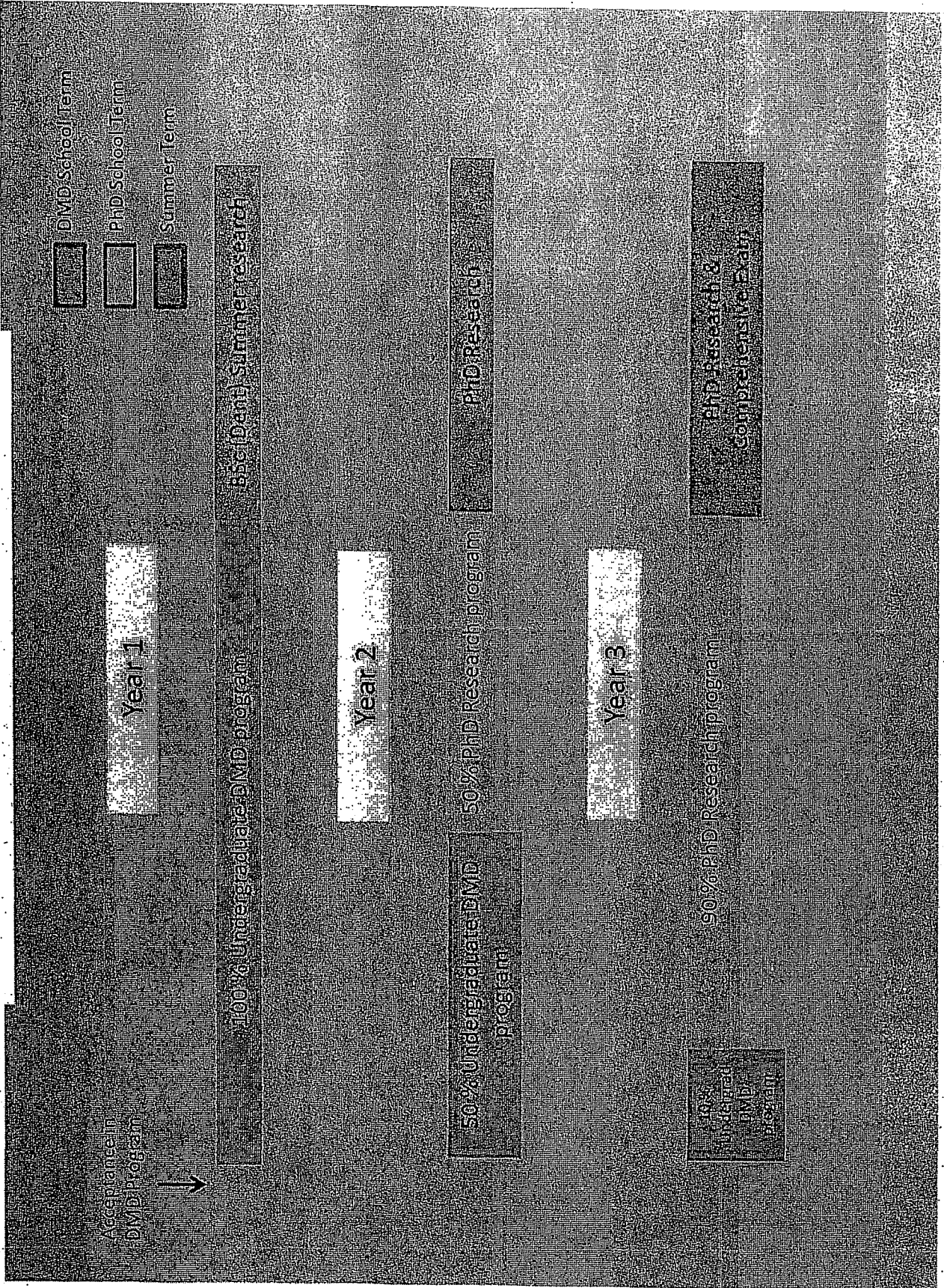
PhD Research

Year 3

50% PhD Research program

PhD Research & Comprehensive Exam

Acceptance in DMD Program



Year 4

90% PhD Research program

PhD Research

Year 5

90% PhD Research program

PhD Research

Year 6

90% Undergraduate DVM program

PhD Research

Year 7

90% Undergraduate DVM program

PhD Research

10% Undergraduate DVM program

10% Undergraduate DVM program

10% PhD Research program

10% PhD Research program

LIBRARY SUPPORT STATEMENT FOR PROPOSED COURSE CHANGES

The signatures below endorse the findings of the bibliographer whose comments are attached. They do not necessarily indicate that the library has the resources to support the course change as outlined in the departmental submission.

NAME OF PROGRAM

Faculty: Dentistry
Department: Dental Medicine
Course no. and names: Doctor of Dental Medicine (DMD)/PhD Program

SUPPORT STATEMENT

PREPARED BY: Anne Thornton-Trump (Bibliographer)

APPROVED BY:

Jan Horner
Coordinator, Collections Management

[Signature]
Director of Libraries

DATE: April 29, 2008

The University of Manitoba Libraries
INTER-DEPARTMENTAL CORRESPONDENCE

Date: April 29, 2008
To: Dr. J.E. Scott, Associate Dean, Research, Faculty of Dentistry
From: Anne Thornton-Trump, Dental Librarian, Neil John Maclean Health Sciences Library
Re: Proposed: Doctor of Dental Medicine (DMD)/PhD Program

The Libraries' is able to support the proposed DMD/PhD program in Dentistry for the clinical researcher. This statement is based on the 2002 Libraries' review for the Graduate Programs in the Faculty of Dentistry, the 2002 Libraries' assessment for the proposed Pediatric Dentistry program and various Libraries' assessments for the undergraduate DMD courses in Dentistry.

The Libraries' currently support the existing 4 year DMD undergraduate program, the B.Sc. (Dent) research program and M.Sc. and PhD. Programs in Oral Biology. The primary library resources used by the research programs are dental and medical journals. According to the analysis completed for the graduate review in Dentistry the dental journal collection was determined to be capable of doctoral level research. Reviews for medical departments (e.g. Biochemistry & Medical Genetics, Community Health Sciences, Human Anatomy & Cell Science, Immunology, Pathology, Pharmacy & Therapeutics, Surgery) have identified similar strengths in the Libraries' journal holdings, and if anything, journal holdings have improved since 2002 with the Libraries' acquisition of major journal packages through consortia such as CRKN (Canadian Research Knowledge Network).

As the DMD/PhD program will not include any new courses and the research component will be supervised by faculty/researchers in Oral Biology, special library resources will not be required.

The Libraries' collections are able to support the proposed DMD/PhD program.



FACULTY OF
DENTISTRY
SCHOOL OF
DENTAL HYGIENE
University of Manitoba

Traditions of Excellence, Horizons of Change



UNIVERSITY
OF MANITOBA

Response of the Faculty of
Dentistry to the Review of the
Proposal to establish an integrated
DMD/PhD program

Reviewers:

Dr. Ed Yen, Former Dean, Professor,
Orthodontics, Faculty of Dentistry, University
of British Columbia, Vancouver, B.C.

Dr. Mark Filiaggi, Assistant Dean, Research,
Dalhousie University, Halifax, N.S.

January, 2009

External Review of DMD/PhD Proposal

Faculty of Dentistry, University of Manitoba, January 12-13, 2009

Submitted by Drs. Mark Filiaggi and Edwin Yen

Comparisons with related program(s)

There are currently no DMD (DDS)/PhD program in Canadian dental schools. However, a number of programs exist in the US institutions, several of which are supported by the NIDCR. These programs (examples of which include the DDS/PhD program at the University of Maryland, the Dental Medicine Scientist training program at Medical University of South Carolina, and the DMD/PhD program at the University of Connecticut Health Center) are nominally 7-year programs, with Years 3-5 devoted principally to doctoral research activities. Completion of clinical requirements would then occur primarily in the last 2 years of the program. The proposed program at the University of Manitoba is structured similarly, though in a somewhat more compressed time frame. (see Recommendation # 1)¹

Breadth and depth of Curriculum

The DMD curriculum as needed in this proposed program is already well established within the Faculty of Dentistry and requires no additional consideration other than to the timing of the delivery of the pre-clinical and clinical components. (see Recommendation # 2)² There are currently a number of relevant graduate-level courses existing both within and outside the Faculty to address the didactic component of the PhD program, though the Faculty may wish to develop additional courses as appropriate to incorporate more fully the clinically relevant aspects of this program of study.³ The proposed minimum of 12 credit hours may require some further consideration and flexibility - with a possible reduction in this requirement, particularly in light of the quality and strength of the basic science curriculum currently present in the DMD program.

Of some concern to these reviewers is the diversity of potential mentors (project supervisors) for the doctoral studies to be undertaken. There is clearly a strong basic science group (Oral Biology) within the Faculty to support this component. Currently, however, there are a more limited number of clinical scientists and translational research mentors available to prospective trainees (see Recommendation # 10) that may ultimately limit doctoral training opportunities in clinically oriented areas.

Demand for graduates with the proposed credentials

There remains a critical shortage of academic clinician-scientists to fill chronically vacant positions that exist not only in Canadian dental schools, but in North America as a whole. Graduates from this program having both a DMD (DDS) and PhD will undoubtedly be highly recruited, particularly by the University of Manitoba.

Excellence of the Faculty and Breadth of Expertise

There is an excellent cadre of basic scientists with continuing external funding and experience with PhD mentorship. There are several recent appointments with enthusiasm for clinical and translational research but these areas will continue to require further development if the program is ever to meet its unique mission of developing researchers in the area of clinical and translation research. The Dean's Office anticipates several impending retirements that will permit recruitment of new faculty and this should allow strengthening in these areas. As with all research programs there is the constant concern of sustaining operational grants and equipment in an increasing competitive funding environment. The Faculty as a whole may need to develop internal strategies to optimize funding success which will directly sustain the PhD program.

Adequacy of Facilities, Space and Other Resources

Laboratory space appears adequate given the small number of students that will be registered into this program. Equipment is aging but the Faculty is moving to renewing equipment as needed. Collaboration with units such as the NRC will provide access to excellent facilities and equipment. The Registrar and the internal Faculty administrative staff feel quite prepared to handle the additional student services. The Library is well structured to provide all information services electronically and in a distributed manner. The Library also provides student orientation and training in informatics and its space planning will move towards providing student learning environments such as meeting rooms.

Strengths and Weaknesses of the Proposal

Recruitment of PhD potential is based on participants of the BScDent program. Manitoba faculty feel very confident that they will be able to identify appropriate candidates since they will have worked with these students quite intimately for the last year plus the summer research months. The reviewers remain skeptical that enthusiasm for a summer research program at the undergraduate level can be translated into a commitment for a 7-year PhD level research program. To be fair, many of the dental students may already have had a Master's degree research experience or equivalent. Likely the most appropriate students will be those who self identify and this has occurred already.

An incoming admissions policy has been proposed (or may already be in place) to limit admission to Manitoba students for 25 of the 29 first year positions. This will seriously limit the opportunity to recruit research oriented students from across Canada when the ratio of research oriented applicants is historically low especially for PhD aspirants. It may be necessary to review this admission policy or develop alternatives for admitting research-oriented students from a greater applicant pool.

The Faculty has an excellent base of Oral Biology basic science PhD mentors but a much smaller group with any clinical or translational research expertise. This has been partially resolved by recruiting adjunct faculty and this process will need to be sustained until more permanent appointments can be recruited.

While there are verbal financial commitments for student stipends and contingency funds for the inevitable delays and interruptions of PhD projects, there needs to be a budget created to clearly identify resources and costs for planning purposes.

There remains the considerable task of allocating the various components of the DMD curriculum and of the PhD curriculum to a student timetable. Department Heads expressed enthusiasm for the

PhD proposal and a willingness to be flexible, although there has yet to be any detailed planning to assign didactic, preclinical and patient care components around the PhD components.¹⁰

The collaborations with other research facilities (especially the NRC unit) is a definite asset to this program and further collaborations will be needed to optimize the research opportunities and mentor resources for the PhD candidates.

The existence of a graduate student community to develop a culture of interdisciplinarity and support needs to be cultivated with a seminar series, journal clubs and possibly social events.¹¹

An overarching steering committee plus advisory committees for each student are required¹² to facilitate the inevitable conflicts that will occur with new joint degree programs that will involve facilities and faculty from different units.

Recommendations

1. Commit to a 7-year minimum program with a program designed to provide a more continuous research component of a longer duration to optimize research success and a delay of the clinical skills development and patient care components to the latter part of the program to coordinate a more likely simultaneous completion of the DMD and the PhD tracks. A suggested format might look like the following:

Year	Description of Activity	Summer activity
1	DMD 100%	BScDent research
2	DMD 50%; PhD 50%	PhD research
3	10% DMD; 90% PhD	PhD research plus comprehensive Examination
4	10% DMD; 90% PhD	PhD research
5	10% DMD; 90% PhD	PhD research
6	90% DMD; 10% PhD	PhD research
7	90% DMD; 10% PhD	PhD publications

Both degrees awarded simultaneously May of Year 7
Students may require an additional PhD year after Year 5 if thesis committee
deems it necessary

2. Develop more detailed coordination between DMD curriculum and PhD curriculum and timetables based on the excellent enthusiasm and flexibility demonstrated by the current BScDent program. Preclinical elements that should be kept near the beginning of the patient care session should be identified. Maintenance of some preclinical skills should be

maintained throughout in order to ensure competencies.

3. Develop Steering committee to oversee entire program with responsibilities for:

- a. Selection of DMD/PhD candidates
- b. Creation of advisory committees for each student to monitor both PhD and DMD progress
- c. Customization if necessary of individual programs

4. Ensure participation of clinicians on advisory committees plus researchers with clinical or translational research expertise as co-supervisors to meet stated goals of developing future academicians with clinical and translation research skills
5. Develop external advisory panel to monitor program progress and assess outcomes in relation to program goals and objectives
6. Develop a recruitment strategy to attract research-oriented applicants to the DMD first year pool in addition to utilizing the excellent resource of BScDent candidates. For example, special consideration might be made for research experience such as a previous Master's degree.
7. Build contingency strategy (informal if preferred) for PhD students who encounter difficulty in completing the research and other components of the PhD program (e.g. Master's degree) at an appropriate point (e.g. after comprehensive examination)
8. Develop dedicated financial resources to support PhD stipends and project bridge funding in event of prolonged PhD programs
9. Create a Faculty-wide seminar series for graduate student periodic presentation of research goals and progress with participation of all graduate students and faculty to encourage further integration of clinical and basic sciences.
10. Encourage continued recruitment of adjunct supervisors especially with clinical and translational research expertise to complement existing research strengths within the Faculty

Comments on underlined items from Review:

¹ Recommendations from the review suggest a restructuring of the example provide. We have taken this into account in the new proposal

² We realize this is a limitation of the present proposal. We will be working on this with clinical faculty members prior to acceptance of any students into this program.

³ this remains a possibility and in fact the Department of Oral Biology has recently reviewed and updated their research courses. These will be accessible to DMD/PhD students as will other graduate level course available at the University and at Bannatyne campus in particular. Graduate students in Oral Biology regularly take courses in other departments such as Biochemistry, Anatomy and Physiology. One of the most popular courses is Interdisciplinary Cell Biology. We would anticipate DMD/PhD students take this course as it provides an excellent background on molecular cell biology. As well Research Methodology courses are available.

⁴ while this is true to a limited extent, the Faculty has made great strides in hiring clinician/scientists in the last year. This includes specialists in Oral Maxillofacial Surgery and Restorative Dentistry who have PhD's in addition to their clinical qualifications. This includes Drs: ElGazzar (OMS), Mello (RD), Nogueiro (Perio director), Ramirez (Pedo), and Todescan (RD). We anticipate that all the DMD/PhD students will be co-supervised by basic science and clinical faculty. This will be the responsibility of the oversight committee (to be established as recommended) to determine appropriate makeup of the supervisory committee.

⁵ retirement replacements in Oral Biology will all PhD scientists and in other departments combinations DMD/PhD clinician/scientists are a top priority.

⁶ we recognize this problem as outlined by the reviewers. However given that monetary support that will be available, potential support for postgraduate training and involvement of clinical as well as basic scientists in the program as well as the uniqueness of the program in Canada we hope to be able to attract a small but enthusiastic group of students. This will be further supported by the present BSc (Dent) group and the SRG within the faculty.

⁷ while this is a possibility, this would require changes in the Selection procedures for the DMD program. In the future this may be a consideration but at the moment the initiation of the DMD/PhD program can be simplified by drawing from the present pool of undergraduate DMD students.

⁸ the Department of Oral Biology has appointed adjuncts from several departments including Anatomy, Human Ecology and the National Research Council Biodegnostics Institute.

⁹ budgetary support is critical for this program. The Faculty recognizes this and has made monies available from the Dean's Office to support student research; this can be expanded when this program is implemented. Current fundraising priorities include Oral Biology and fund specifically for the DMD-PhD program can be established from this. Additionally, the national application (CANTHOR) has already

been submitted that would provide a 50% match for stipends and research support of DMD-PhD students. We are currently covering all planning costs so this should not be an issue going forward. Students are also encouraged apply to local agencies such as MHRC, MMSF, MICH for studentship support.

¹⁰ please see comment #2 above. We are well aware that this will be a critical issue.

¹¹ the Student Research Group (SRG) was established in 2008 and has hosted a national group in Winnipeg. The SRG consists of BSc (Dent) students as well as other students and faculty mentors interested in research. Dr. T. Bonstein directs this group. A summer research seminar series has been initiated as well as participation in various research forums including but not limited to the Research Day and National Poster competition here in Medicine (which drew some 500 students), the NSERC undergraduate poster competition, the Midwest Dental student research forum (Minneapolis and Chicago), the CADR-Dentsply student competition each year, the Hinman dental student conference (Memphis), and the ADA annual dental students conference in Gaithersburg MD as examples of undergraduate student participation in national and international research forums. In most of these cases the Faculty has provided monetary support to student to attend.

¹² a steering committee will be established for this program, reporting to the Faculty Graduate Studies and Research Committee (GSRC) which also oversees the BSc (Dent) program.

Comments on and follow-up of items from Recommendations:

#1: We agree with the review committee that the example we provided was not optimal for our purposes. We further agree that both degrees should be awarded simultaneously, the overall program should be stipulated as 7 years and at the discretion of the thesis supervisory committee additional time may be required. An adjusted program outline is provided below.

Proposed Year-by-Year program for the DMD/PhD

Acceptance in
DMD Program



Year 1

100% Undergraduate DMD program

PhD (Dent) Summer Research

Year 2

50% Undergraduate DMD
program

50% PhD Research program

PhD Research

Year 3

100%
Undergrad
PhD
Research

90% PhD Research program

PhD Research &
Comprehensive Exam

DMD School Term

PhD School Term

Summer Term



Year 4

90% PhD Research program

PhD Research

Year 5

90% PhD Research program

PhD Research

Year 6

90% Undergraduate DVM program

100% PhD Research program

PhD Research

Year 7

90% Undergraduate DVM program

100% PhD Research program

PhD Research

100% Undergraduate DVM program

100% Undergraduate DVM program

PhD Research

PhD Research

PhD Research

PhD Research

#2. The Faculty is committed to providing an internationally recognized top quality undergraduate dental education. Coordination of the DMD and PhD programs will be vital to the ongoing quality of these programs and therefore careful integration will be absolutely required as will the maintenance of preclinical skills throughout the 7 year training process. This process will be undertaken once the program has been approved for implementation. Clinical and basic science colleagues will carefully organize the revision of the order of the curriculum with a mind to maintaining prerequisites for both didactic and clinical courses. Coordination of this process will be done through the Steering Committee (see next item).

#3. A Steering Committee as a subcommittee of the GSRC will be established initially to determine the integration of the DMD/PhD program as indicated above. Subsequent ongoing responsibilities of the committee will be to:

- a. Select and approve DMD/PhD candidates
- b. Create advisory committees for each student to monitor both PhD and DMD progress
- c. Customization if necessary of individual clinical and research programs

#4. Individual students identified to enter the DMD/PhD program will be co-supervised by basic science faculty and clinicians in all cases. This will bring a depth as well as a breadth to the research project while concurrently ensuring that clinical requirements are being met.

#5. The program will be re-assessed after 3-5 years, depending on the number of participants by external advisors, as recommended by the program review committee.

#6. We have developed a recruitment approach for new BSc (Dent) students which resulted in an increased participation in this program from 5-6 student to 18 in the past year. We now have about 23 students involved in the two year BSc (Dent) degree, a number of additional students involved in the SRG where all BSc (Dent) student must participate and several senior students completing their BSc (Dent) projects beyond the second year. As we will be drawing from these pools of students, detailed advertising of our DMD/PhD program is being prepared as approval nears completion. These materials will be circulated to students and discussed with them on an annual basis. Information about the program will be included in the student manual, as is the information regarding the BSc(Dent) program. In addition information on the faculty website ([Dentistry, BSc \(Dent\)](#)) will be expanded beyond the BSc (Dent) to include the DMD/PHD program. (interestingly we have already had an enquiry from a student at the University of Toronto as to our start date).

#7. We have discussed contingency strategies. These will be of an informal nature on a case-by-case basis as required and will involve the student's supervisory committee and the steering committee as

required.

#8. As indicated above dedicated funding for student support is in place for the BSc (Dent) program and these can be expanded as we identify potential DMD/PhD applicants (see item 8 in first section). The other question of research funding support is very difficult to answer. Most students will be placed in a funded lab. Funding at present arises from many sources including CIHR, NSERC, MHRC, MMSF, MICH, NRC-IBD, H & S and recently Johnson & Johnson. The term of most of the grants is in the order of 2 – 5 years. Bridge funding is also available if a researcher loses his/her grant. This is generally through MHRC and is supported by Faculty matching funds. This arrangement will continue but no guarantees can be made. On past occasions where a researcher has lost funding or moved, graduate students have changed supervisors and continued with their projects. An important feature of the Faculty is the existence of university-recognized research group in Cell Signaling. Thus a core group of individuals exist to supervise and/or support ongoing research and this will be significant should problems arise as to project funding. Beyond that no assurances can realistically be provided.

#9. The Faculty and the Department of Oral Biology have traditionally both had seminar series although they functioned independently. This requirement will provide an opportunity to reactivate the seminar series and require students to participate. Research seminars over the summer period for BSc (Dent) students have been functioning for two years. A research luncheon for students and faculty as well as funding partners (MMSF, MICH NRC) occur every year as does a "Research Day" sponsored by Johnson & Johnson and Bisco and which highlights student research is now a regular faculty event. We anticipate that these events will act as "feeder sources" for the BSc (Dent) and the DMD/PHD program in particular.

#10. We will continue to recruit adjuncts with clinical and basic science expertise as a faculty priority. Several of the recently recruited clinician/scientists in RD are in the process of being cross-appointed to Oral Biology for research and supervisory purposes. Collaborative research with faculty in other Faculties such as Medicine, Human, Ecology, Pharmacy and Nursing is also underway and student opportunities to undertake research has grown tremendously. These adjunct members serve on student supervisory committees, participate in some teaching activities both undergraduate and graduate, and give seminars in the faculty. With the increase in funding and collaborative efforts we expect further increases in these appointments and activities.

Report of the Senate Planning and Priorities Committee on the proposal to introduce an integrated DMD/PhD Program in Faculty of Dentistry

Preamble:

1. The terms of reference of the Senate Planning and Priorities Committee (SPPC) are found on the website at:
http://www.umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/508.htm, wherein SPPC is charged with making recommendations to Senate regarding proposed academic programs.
2. The Programs and Planning Committee of the Faculty of Graduate Studies (FGS) has the responsibility of reviewing new graduate programs and makes recommendations to FGS Council.
3. The FGS recommends that Senate approve an Integrated DMD/PhD Program in the Faculty of Dentistry.

Observations:

1. The committee noted that this proposed program has been developed to assist in addressing the need for dental clinician scientists to undertake leadership roles in dental research and education. The program will be built on the Faculty's long history of academic research and scholarly activity and successful undergraduate program.
2. In addition the committee noted that the Faculty has indicated that no additional resources will be required to implement this proposed program. Only a small number of students (1 or 2) will be admitted annually. The costs of the new students would be offset by using the existing resources of the Faculty and the additional tuition revenue.
3. The Faculty has provided letters of support from the Manitoba Dental Association and Riverview Health Centre.
4. The committee noted that the proposal provided documentation which indicated that the University of Manitoba Libraries has reviewed the library resource needs for the proposed program. The report of the Director of Libraries indicates that Neil John Maclean Health Sciences Library holdings would be sufficient to meet needs of the doctoral level researchers admitted to the program and no new special library resources would be needed to meet the needs of students in the program.
5. The Faculty of Dentistry has indicated that, because of the small number of students admitted to the program, no additional equipment, classroom, laboratory and study space would be required as new students' instructional and study space needs could be readily accommodated by the existing resources of the Faculty.

Recommendation:

The SPPC recommends that:

Senate approve and recommend to the Board of Governors that it approve an Integrated DMD/PhD Program in the Faculty of Dentistry. The Senate Committee on Planning and Priorities recommends that the Vice-President (Academic) not implement the program until satisfied that there would be sufficient existing space and funding to support the ongoing operation of the program.

Respectfully submitted,

Professor James Blatz, Chair
Senate Planning and Priorities Committee



AGENDA ITEM: Report of the Senate Committee on Awards [dated October 26, 2009]

RECOMMENDED RESOLUTION:

THAT the Board of Governors approve one new offer as set out in Appendix A of the Report of the Senate Committee on Awards [dated October 26, 2009].

Action Requested: Approval Discussion/Advice Information

CONTEXT AND BACKGROUND:

In an electronic poll conducted between October 20 and October 26, 2009, the Senate Committee on Awards approved one new offer as set out in Appendix A of the Report of the Senate Committee on Awards.

RESOURCE REQUIREMENTS:

The Award will be funded from the various sources of funding identified within the Report.

IMPLICATIONS:

N/A

ALTERNATIVES:

N/A

CONSULTATION: *[delete if not applicable]*

All of these award decisions meet the published guidelines for awards as approved by Senate and were reported to Senate for information on December 2, 2009.



Board of Governors Submission

Routing to the Board of Governors:

<u>Reviewed</u>	<u>Recommended</u>	<u>By</u>	<u>Date</u>
X	X	Senate Committee on Awards	October 26, 2009
X	X	Senate Executive	November 18, 2009
X	X	Senate	December 2, 2009
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
		Senate	

Submission prepared by:

Submission approved by: University Secretary

Attachments

- Report of the Senate Committee on Awards

REPORT OF THE SENATE COMMITTEE ON AWARDS

Preamble

Terms of reference for the Senate Committee on Awards include the following responsibility:

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

Observation

In an electronic poll conducted between October 20 and October 26, 2009, the Senate Committee on Awards reviewed one new offer, as set out in Appendix A of the *Report of the Senate Committee on Awards* (dated October 26, 2009).

Recommendation

The Senate Committee on Awards recommends that Senate and the Board of Governors approve one new offer, as set out in Appendix A of the *Report of the Senate Committee on Awards* (dated October 26, 2009).

Respectfully submitted,

Dr. Philip Hultin
Chair, Senate Committee on Awards

Appendix A

MEETING OF THE SENATE COMMITTEE ON AWARDS October 26, 2009

1. NEW OFFER

Bison Football – Nick Laping Memorial Scholarship

In honour of Nick Laping, a fellow team mate, coach, and supporter of Bison Football, the Bison Football Alumni of the University of Manitoba have established an endowment fund at the University of Manitoba, in 2009. The Manitoba Scholarship and Bursary Initiative has made a contribution to the fund. The fund will be used to offer the Bison Football – Nick Laping Memorial Scholarship for a returning football player who best exemplifies Nick's characteristics as an athlete and as a role model for humanity. The available annual income from the fund will be used to offer one or more scholarships, with a minimum value of \$2,000 each, to undergraduate students who:

- (1) are Canadian citizen or permanent residents;
- (2) are returning students with the Bison Football program and are eligible to compete in CIS competition;
- (3) are registered full-time (minimum 60% of a full course load) in any Faculty or School;
- (4) have achieved a minimum sessional grade point average of 3.0 in the previous academic session and are in good academic standing, as determined by the University;
- (5) have demonstrated exceptional athletic ability in football, team leadership, and integrity;
- (6) volunteer their time in community outreach programs.

The selection committee will be named by the Athletic Director (or designate) and will include the Head Coach of the Bison Football Team (or designate), the Assistant Athletic Director (or designate), and a representative of the Bison Football Alumni Committee (or designate). More than 50 percent of the members of this committee shall be University of Manitoba staff.

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

The terms of this award will be reviewed annually against the Canadian Interuniversity Sport (CIS) criteria governing "University Academic Scholarships with an Athletic Component", currently numbered C.5 in the CIS Operations Manual.



AGENDA ITEM: Report of the Senate Committee on Awards [dated November 10, 2009]

RECOMMENDED RESOLUTION:

THAT the Board of Governors approve seven new offers, eight amended offers, and the withdrawal of one offer, as set out in Appendix A of the Report of the Senate Committee on Awards [dated November 10, 2009].

Action Requested: Approval Discussion/Advice Information

CONTEXT AND BACKGROUND:

At its meeting of November 10, 2009, the Senate Committee on Awards approved seven new offers, eight amended offers, and the withdrawal of one offer, as set out in Appendix A of the Report of the Senate Committee on Awards (dated November 10, 2009).

RESOURCE REQUIREMENTS:

Awards will be funded from the various sources of funding identified within the Report.

IMPLICATIONS:

N/A

ALTERNATIVES:

N/A

CONSULTATION: *[delete if not applicable]*

All of these award decisions meet the published guidelines for awards as approved by Senate and were reported to Senate for information on January 6, 2010.



Board of Governors Submission

Routing to the Board of Governors:

<u>Reviewed</u>	<u>Recommended</u>	<u>By</u>	<u>Date</u>
X	X	Senate Committee on Awards	November 10, 2009
X	X	Senate Executive	December 9, 2009
X	X	Senate	January 6, 2010
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
		Senate	

Submission prepared by:

Submission approved by: University Secretary

Attachments

- Report of the Senate Committee on Awards

REPORT OF THE SENATE COMMITTEE ON AWARDS

Preamble

Terms of reference for the Senate Committee on Awards include the following responsibility:

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

Observation

At its meeting of November 10, 2009, the Senate Committee on Awards approved seven new offers, eight amended offers, and the withdrawal of one offer, as set out in Appendix A of the *Report of the Senate Committee on Awards* (dated November 10, 2009).

Recommendation

On behalf of Senate, the Senate Committee on Awards recommends that the Board of Governors approve seven new offers, eight amended offers, and the withdrawal of one offer, as set out in Appendix A of the *Report of the Senate Committee on Awards* (dated November 10, 2009). These award decisions comply with the published guidelines of November 3, 1999, and are reported to Senate for information.

Respectfully submitted,

Dr. Philip Hultin
Chair, Senate Committee on Awards

Appendix A

MEETING OF THE SENATE COMMITTEE ON AWARDS November 10, 2009

1. NEW OFFERS

James B. Hartman Undergraduate Scholarship in Organ

Dr. James B. Hartman has made a bequest to the University of Manitoba to establish an endowment fund to offer scholarships to Music students who are studying organ. The fund will be used to offer the James B. Hartman Undergraduate Scholarship in Organ or, in years where there are no qualified undergraduate candidates, the James B. Hartman Graduate Scholarship in Organ (Award #00000). The available annual interest from the fund will be used to offer one or more scholarships to undergraduate students who:

- (1) are enrolled full-time in the Marcel A. Desautels Faculty of Music in a Bachelor of Music program, in either the Major Practical Study (Organ) or the Minor Practical Study (Organ);
- (2) have achieved a minimum degree grade point average of 3.5;
- (3) have demonstrated excellence in the study of, and performance in, organ as determined by the selection committee

The selection committee will have the discretion to determine the number and value of scholarships offered each year.

The selection committee will be named by the Dean of the Marcel A. Desautels Faculty of Music (or designate).

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

James B. Hartman Graduate Scholarship in Organ

Dr. James B. Hartman has made a bequest to the University of Manitoba to establish an endowment fund to offer scholarships to Music students who are studying organ. The fund will be used to offer the James B. Hartman Undergraduate Scholarship in Organ or, in years where there are no qualified undergraduate candidates, the James B. Hartman Graduate Scholarship in Organ (Award #00000).

The James B. Hartman Graduate Scholarship in Organ will be offered only in those years when no candidate is named to receive the James B. Hartman Graduate Scholarship in Organ (Award #00000). In those years, the available annual interest from the fund will be used to offer one or more scholarships to graduate students who:

- (1) are enrolled full-time in the Faculty of Graduate Studies, in the Master of Music in Performance;
- (2) have achieved a minimum degree grade point average of 3.5 (or equivalent) based on the last 60 credit hours of study;
- (3) have demonstrated excellence in the study of, and performance in, organ as determined by the selection committee

The selection committee will have the discretion to determine the number and value of scholarships offered each year.

The Dean of the Faculty of Graduate Studies (or designate) will ask the Dean of the Marcel A. Desautels Faculty of Music (or designate) to name the selection committee for this award.

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

Lockhart Award for Family Social Sciences

Mr. Joshua Lockhart offers an annual convocation prize at the University of Manitoba, for a graduate of the Bachelor of Human Ecology (Family Social Sciences) program who has demonstrated leadership potential. One prize, with a value of \$500, will be offered to the student who:

- (1) has successfully completed the requirements of the Bachelor of Human Ecology (Family Social Sciences) program;
- (2) has achieved a minimum degree grade point average of 3.0;
- (3) has demonstrated the potential to be a strong leader through involvement in the Faculty of Human Ecology and/or volunteer work in the community.

Preference will be given to students who have significant social obligations, for example children, or care of disabled or elderly members of their family or extended family.

Candidates need to submit an application including a statement (maximum one page) in which they (a) describe their involvement in the Faculty and volunteer activities and (b) outline specific experiences that speak to their leadership abilities.

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

Mr. Justice Gerald W.J. Mercier Prize for Highest Standing in Advanced Family Law

Mr. Justice Gerald W.E. Mercier has established an award fund at the University of Manitoba, to offer a prize for students in the Faculty of Law. The prize will be offered for a period of twenty-five years or until the fund has been exhausted. The value of the prize may be adjusted in the final year.

Each year, one prize of \$250 will be offered to the student who:

- (1) has achieved a minimum degree grade point average of 3.0;
- (2) has achieved the highest standing in Current Legal Problems B Advanced Family Law (currently numbered LAW 3980).

The selection committee will be the Faculty of Law Awards Committee.

Herb Olsen Athletic Therapy Prize

In honour of Mr. Herb Olsen and his many contributions to the Athletic Therapy program, graduates and supporters of the Bison Athletic Therapy Centre, offer an annual prize for Athletic Therapy students at the University of Manitoba. The purpose of the prize is to recognize students who have demonstrated leadership through their contributions to community and professional events that are beyond the requirements of the academic program. Each year, one prize valued at \$300, will be offered to a student who:

- (1) has completed University 1 and at least one year of full-time study (minimum 18 credit hours) in the Faculty of Kinesiology and Recreation Management, in the Bachelor of Kinesiology (Athletic Therapy) program;
- (2) is a member in good standing in both the Manitoba Athletic Therapists Association (MATA) and the Canadian Athletic Therapists Association (CATA);
- (3) (a) as a continuing student, has achieved a minimum degree grade point average of 3.0 or (b) as a graduating student, has achieved a minimum degree grade point average of 3.0 and will sit the CATA written or practical examination immediately following his or her successful completion of the B.Kin.(Athletic Therapy) program;
- (4) has demonstrated leadership through his or her participation in community and professional events that are beyond the requirements of the academic program.

Candidates must submit an application and a letter of recommendation from a staff or faculty member at the University, or a member of the community with whom the student has worked in an athletic therapy capacity. Graduating students must provide confirmation that they have been accepted to sit a CATA examination.

The selection committee will be the Undergraduate Academic Awards Committee of the Faculty of Kinesiology and Recreation Management.

Dale Parkinson Scholarship in the I.H. Asper School of Business

Mr. Dale A.G. Parkinson (C.A./67) has established an endowment fund at the University of Manitoba with a bequest of \$14,954, in 2007. The fund will be used to offer scholarship to students entering the I.H. Asper School of Business. The available annual interest from the fund will be used to offer one scholarship to an undergraduate student who:

- (1) is a permanent resident of Manitoba or northwest Ontario (i.e. Thunder Bay and west);
- (2) has successfully completed the Asper School Track 1 Qualifying Year requirements in University 1 with a minimum sessional grade point average of 3.5 and no grade less than a C;
- (3) is in good academic standing;
- (4) in the next ensuing academic session, enrolls full-time (minimum 80 percent course load) in the I.H. Asper School of Business.

The selection committee will be named by the Dean of the I.H. Asper School of Business (or designate).

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

Women's Health Research Foundation of Canada Graduate Scholarship

The Women's Health Research Foundation of Canada has offered the Women's Health Research Foundation of Canada Graduate Scholarship annually since 1992. In 2009, the Foundation established an endowment fund at the University of Manitoba to support the Scholarship in perpetuity. The Manitoba Scholarship and Bursary Initiative has made a contribution to the fund. The fund will be used to offer scholarships to graduate students whose research focus is in some area of women's health. One scholarship valued at \$3,000* will be offered to a graduate student who:

- (1) is enrolled full-time in the Faculty of Graduate Studies, in any Masters or Doctoral program;
- (2) has achieved a minimum degree grade point average of 3.5 (or equivalent) based on the last 60 credit hours of study;
- (3) has demonstrated superior intellectual ability and academic accomplishment;
- (4) is undertaking or has proposed to undertake research in any area of women's health for his/her thesis or practicum.

Candidates will be required to submit an application that will consist of a title for, and description of, their proposed or ongoing research (maximum 500 words), a current academic transcript(s), a current curriculum vitae, and two academic letters of reference from professors at a post-secondary institution.

A student admitted to a Masters or Doctoral program under the "Provisional Status" may not receive this award during the provisional period.

Recipients may hold the Women's Health Research Foundation of Canada Graduate Scholarship concurrently with any other awards, consistent with policies in the Faculty of Graduate Studies.

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

*Until such time as the fund generates sufficient interest to support fully the Scholarship, the Women's Health Research Foundation of Canada will provide an annual contribution to top up the interest generated by the endowment fund to offer an award of \$3,000.

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

2. AMENDMENTS

A.H. Aronovitch and E.J. Aronovitch Family Scholarship

A number of changes have been made to the terms of reference for the A.H. Aronovitch and E.J. Aronovitch Family Scholarship.

- At the donor's request, the value of the award has been increased from: \$400 to: \$1,000.
- The revised terms stipulate that the award is to be offered as a scholarship every year. In past years, the award has sometimes been offered as a bursary if there was a qualified bursary candidate registered in the second year of the Bachelor of Commerce (Honours), Entrepreneurship / Small Business Major. If there was no qualified bursary candidate, it was offered as a scholarship.

- The scholarship will now be offered to the student who:
 - (1) has completed between 48 and 72 credit hours toward a Bachelor of Commerce (Honours) program and has declared Entrepreneurship / Small Business as his or her major;
 - (2) has achieved the highest sessional grade point average (minimum 3.5);
 - (3) in the next ensuing academic session, is enrolled full-time (minimum 24 credit hours) in the I.H. Asper School of Business in the Entrepreneurship / Small Business Major.
- The description of the selection committee has been updated to reflect current practice, which is to have the Dean of the I.H. Asper School of Business (or designate) appoint the committee. Formerly, the terms indicated that the membership was to be appointed by the Senate.
- A number of editorial changes have been made.

Centennial Scholarship in Physics

Two changes have been made to the terms of reference for the Centennial Scholarship in Physics, at the request of the Department of Physics.

- In criterion (2), 'cumulative grade point average' has been updated to 'degree grade point average.'
- In criterion (3), full-time registration status is now defined as 60 percent of a full-course load for the purpose of this Scholarship.

Michael Cox Scholarship

Several changes have been made to the terms of reference for the Michael Cox Scholarship, which is open to students in the Bachelor of Environmental Design program.

- At the request of the donor, details pertaining to his pledge to contribute annually to both the endowment fund and toward the cost of the scholarship itself have been deleted from the opening paragraph.
- The following statement has been added following the selection criteria: "Until such time as the fund generates sufficient interest to support fully the Scholarship, the donor will provide an annual contribution to top up the interest generated by the endowment fund to offer an award of \$2,500."
- At the request of the Faculty of Architecture, criterion (3) has been revised to restrict the pool of candidates to students in the Interior Environments Option of the Bachelor of Environmental Design program.
- In criterion (2), course numbers for Design Studio 1 and Design Studio 2 have been updated to: EVDS 2500 and EVDS 2900, respectively, from: 79.163 and 79.164. Design Studio 3 and Design Studio 4 have been removed from the list of courses for which scholarship candidates will be assessed.
- A reference to 'cumulative grade point average' has been updated to 'degree grade point average.'

Department of Immunology Graduate Student Academic Award

At the request of the Department, two changes have been made to the terms of reference for the Department of Immunology Graduate Student Academic Award.

- In criterion (1), a reference to 'cumulative grade point average has been updated to 'degree grade point average.'
- In criterion (3), the course numbers for Immunobiology and Molecular Immunology have been updated to: IMMU 7020 and IMMU 7110, respectively, from: 72.707 and 72.7111.

Lawrence and Margaret Fung Bursary in Electrical Engineering

Several changes have been made to the terms of reference for the Lawrence and Margaret Fung Bursary in Electrical Engineering.

- At the request of the donors, who have made an additional contribution to the endowment fund, the number of bursaries offered each year has been increased from: one to: two.
- In criterion (2), a reference to 'cumulative grade point average has been updated to 'degree grade point average.'
- A number of editorial changes have been made.

Manitoba Association of Home Economists – Ruth Berry Award

The terms of reference for the Manitoba Association of Home Economists – Ruth Berry Award have been amended at the request of the donor.

- The name of the award has been changed to: Dean Ruth Berry – Manitoba Association of Home Economists Award.
- The opening paragraphs have been shortened to allow for the addition of a brief history of the award itself. Background information about the Manitoba Association of Home Economists has been removed but will be appended to the terms of reference that are kept on record in Financial Aid and Awards.
- The Award, which was previously offered to the student who achieved the highest grade point average among students who had completed between 54 and 84 credit hours in a Bachelor of Human Ecology, Bachelor of Science (Human Nutritional Sciences), or Bachelor of Science (Textile Sciences), will now be offered to the student who:
 - (1) enrolls full-time in the Faculty of Human Ecology in the year in which the award is tenable;
 - (2) has achieved high standing (minimum degree grade point average of 3.5) among students who have completed at least 54 credit hours and no more than 84 credit hours toward their Bachelor of Human Ecology degree or their Bachelor of Human Ecology (Family Social Sciences) degree;
 - (3) has demonstrated leadership abilities and/or a commitment to community through his or her volunteer activities.
- Preference is to be given to students who have indicated an interest in Family Economic Health.

- With the addition of criterion (3), applicants will be required to submit an application that includes a statement describing their volunteer activities and demonstrated leadership abilities and two letters of reference that address the candidate's leadership abilities and volunteer work.

Norman E. Stanger Prize in Pre-Veterinary Studies

A number of revisions have been made to the terms of reference for the Norman E. Stanger Prize in Pre-Veterinary Studies.

- At the request of the donor, the name of the award has been changed to: Norman E. Stanger Award in Pre-Veterinary Studies.
- One reference to 'cumulative grade point average has been updated to 'degree grade point average.'
- Several editorial changes have been made.

3. WITHDRAWALS

CPCRS / CPA Student Excellence Book Prize

The terms of reference for the CPCRS / CPA Student Excellence Book Prize were withdrawn at the request of the donor.



AGENDA ITEM: Proposal to Establish an Endowed Chair in Surgical Research

RECOMMENDED RESOLUTION:

THAT the Board of Governors approve the establishment of an Endowed Chair in Surgical Research.

Action Requested: Approval Discussion/Advice Information

CONTEXT AND BACKGROUND:

The Endowed Chair in Surgical Research shall be held by a senior surgical clinician scientist with the academic rank of Professor of Surgery at the University of Manitoba. The primary activity of the Endowed Chair shall be research and teaching with a complementary clinical role. The term of the appointment will be five years, renewable upon recommendation. The professor who holds the Endowed Chair will seek external funding through peer-reviewed agencies and also by forging partnerships with the University, community agencies and individuals thereby advancing the boundaries of surgery at the University of Manitoba.

RESOURCE REQUIREMENTS:

The Department of Surgery is the driving force behind this application with a commitment of \$1.5 million to the Endowed Chair, to be paid from the tithe of clinical earnings over the next three years. The amount will be matched by \$1.5 million from the Dr. Paul H.T. Thorlakson Foundation Fund to create an endowment of \$3.0 million.

IMPLICATIONS:

The establishment of the Endowed Chair in Surgical Research will raise the research profile of the Department of Surgery and the Faculty of Medicine. The incumbent will provide leadership to the research enterprise of the Department and play a mentorship role to junior faculty members.

CONSULTATION:

In accordance with the University's policy on Chairs and Professorships, this proposal has been endorsed by the Vice-President (Academic) and Provost and the Senate Committee on University Research.

This proposal was considered and endorsed by Senate on December 2, 2009.



Board of Governors Submission

Routing to the Board of Governors:

<u>Reviewed</u>	<u>Recommended</u>	<u>By</u>	<u>Date</u>
X	X	Vice-President (Academic) & Provost	September 9, 2009
X	X	Senate Committee on University Research	November 3, 2009
X	X	Senate Executive	November 18, 2009
X	X	Senate	December 2, 2009
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
		Senate	

Submission prepared by:

Submission approved by: University Secretary

Attachments

- Proposal to Establish an Endowed Chair in Surgical Research



UNIVERSITY
OF MANITOBA

OFFICE OF THE
VICE-PRESIDENT (RESEARCH)

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Winnipeg, Manitoba
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Telephone (204) 474-6915
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www.umanitoba.ca

MEMORANDUM

TO: Mr. Jeff Leclerc, University Secretary

FROM: Digvir S. Jayas, Vice-President (Research)
and Chair, Senate Committee on University Research

DATE: November 3, 2009

SUBJECT: Proposal to establish an Endowed Chair in Surgical Research

Attached please find a proposal to establish an Endowed Chair in Surgical Research. The Vice-President (Academic) and Provost, and the Senate Committee on University Research (SCUR), have endorsed this proposal, in accordance with the University's policy on Chairs and Professorships,

Please include this report and recommendation on the next Senate agenda. Please feel free to contact me should you require any further information.

Thank you.

DSJ/nis
Encl.

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

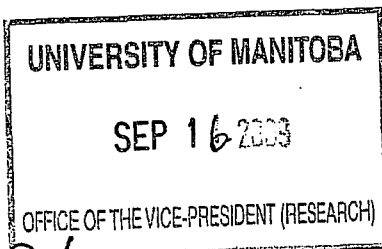
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UNIVERSITY
OF MANITOBA

Office of the
Vice-President (Academic) & Provost

208 Administration Building
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Telephone (204) 480-1408
Fax (204) 275-1160



September 9, 2009

To: Dr. Digvir Jayas, Vice-President (Research)
From: Dr. Joanne C. Keselman, Vice-President (Academic) and Provost
Re: Endowed Chair of Surgical Research

Dr. J. Dean Sandham, Dean of the Faculty of Medicine, has provided a letter of support for the proposal to establish an endowed chair of surgical research in the Department of Surgery.

The policy on Chairs and Professorships specifies that:

- (1) the chair be established consistent with the academic goals and objectives of the University;
- (2) the chair be fully funded from external sources, rather than University operating funds, and that the funds be sufficient to cover the salary and benefits of the incumbent and provide for an appropriate level of unrestricted research/scholarly support;
- (3) the funds for the chair be provided by way of an endowment or through a schedule of annual expendable gifts for a defined period of not less than five years, or by an appropriate combination of endowment and annual expendable gifts;
- (4) the chair shall be attached to a department, faculty, school, college, centre or institute of the University, and have goals consistent with the unit to which it is attached;
- (5) the establishment of the chair is not tied to the appointment of a particular individual;
- (6) individuals appointed to the chair normally shall have the academic qualifications commensurate with an appointment at the rank of Professor; and
- (7) the initial term of the appointment of the chair shall be 3-5 years, and if renewal is permitted, such renewal shall be subject to a successful performance review and the availability of funds.

The proposed endowed chair of surgical research satisfies all of the above requirements.

I am in support of the proposal from Medicine, and request that you present it to the Senate Committee on University Research for consideration and recommendation to Senate and then to the Board of Governors.

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

/encl.

- c. Dr. J. Dean Sandham, Dean, Faculty of Medicine
Dr. Richard Nason, Head, Department of Surgery



UNIVERSITY
OF MANITOBA

Faculty of Medicine

Office of the Dean
Room 260 Brodie
727 McDermot Avenue
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Canada R3E 3P5
Telephone (204) 789-3557
Fax (204) 789-3928

August 28, 2009

Dr. Joanne Keselman
Vice-President (Academic) and Provost
University of Manitoba
208 Administration Building
Fort Garry Campus

Dear Dr. Keselman:

Dr. Richard Nason, Professor and Head, Department of Surgery, has submitted an application for the establishment of an Endowed Research Chair in Surgical Research. A copy of the draft document is enclosed.

The Department of Surgery is the driving force behind this application. Its commitment of \$1.5 million to the Endowed Chair, to be paid from the tithe of clinical earnings over the next three years, is exemplary to our Faculty. The amount will be matched by \$1.5 million from the Dr. Paul H.T. Thorlakson Foundation Fund, to create an endowment of \$3.0 million.

The Faculty of Medicine strongly supports this endeavour. The establishment of the Endowed Chair in Surgical Research will raise the research profile of the Department and the Faculty. The incumbent of this Endowed Chair will provide leadership to the research enterprise of the Department, and play a mentorship role to junior faculty members.

Sincerely,

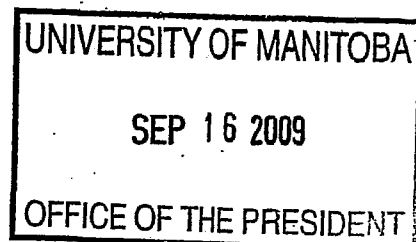
J. Dean Sandham, MD, FACP, FRCPC

Dean

JDS/kh

Encl.

Cc: Dr. Patrick Choy, Associate Dean (Development)
Dr. Heather Dean, Associate Dean (Academic)
Dr. Richard Nason, Professor and Head, Department of Surgery
Dr. Kevin Coombs, Associate Dean (Research)



SURGICAL RESEARCH ENDOWED CHAIR

Funding

The Department of Surgery has committed \$1.5 million to the Endowed Chair, to be paid from the title of clinical earnings over the next three years, 2009 - 2012. The amount will be matched by \$1.5 million from the Dr. Paul H.T. Thorlakson Foundation Fund, to create an endowment of \$3.0 million.

Terms of Reference

1. The Endowed Chair of Surgical Research shall be held by a senior surgical clinician scientist with the academic rank of Professor of Surgery at the University of Manitoba.
2. The primary activity of the Endowed Chair of Surgical Research shall be research and teaching with a complementary clinical role.
3. The professor who holds the Endowed Chair of Surgical Research may provide complementary and supportive administrative services to the Department of Surgery, especially in matters of his/her primary activity (e.g. Director of Research).
4. The term shall be for five years, renewable upon recommendation.
5. The professor who holds the Endowed Chair of Surgical Research will personally be actively engaged in the academic scientific process.
6. The professor who holds the Endowed Chair of Surgical Research shall provide leadership and establish a team of surgical researchers. The incumbent will be a motivator and teacher of surgical research.
7. The professor who holds the Endowed Chair of Surgical Research will seek external funding through peer-reviewed agencies and also by forging partnerships with the University, community agencies and individuals thereby advancing the boundaries of surgery at the University of Manitoba.
8. The Advisory and Review Committee will oversee the Endowed Chair.
 - a. Composition
 - i. The Dean of Medicine (or designate) shall serve as vice-chair
 - ii. The Head of the Department of Surgery shall serve as vice-chair
 - iii. The elected chair-person of the Department of Surgery Geographical Full- Time Group shall be a standing member
 - iv. The Director of Surgical Research (or a designate as appointed by the Department Head) shall be a standing member
 - v. Other members may include those appointed by the Department Head, Dean of Medicine, or as required by University of Manitoba policies
 - b. Duties
 - i. To advise on the appointment and renewal of the Endowed Chair of Surgical Research
 - ii. To receive annual progress reports regarding the Endowed Chair of Surgical Research



AGENDA ITEM: **Resource Planning and Allocation Process for 2010-11**

RECOMMENDED RESOLUTION:

That the Board receives, for information, an update on the Resource Planning and Allocation Process for 2010-11.

Action Requested: Approval Discussion/Advice Information

CONTEXT AND BACKGROUND:

The purpose of this submission is to update the members of the Finance, Administration and Human Resources Committee and the Board of Governors on the status of the resource planning and allocation process for 2010-11.

The planning and financial modeling process to support the resource planning and allocation process is continuous and has no set start date, though Appendix A sets out key aspects and suggested timelines.

The resource planning and allocation process for 2010-11 is supported by the development of assumptions with respect to inflationary and other parameters. These assumptions were used to model revenue and expenditures for the 2010-11 estimates of operating requirements in response to the annual request from the Council on Post Secondary Education (COPSE) for preliminary budgets and supplementary information. The request from COPSE signals the start of the Province's budgeting process. On September 16, 2009, the President, Vice-Presidents and Chair of the Board of Governors met with members of COPSE to preview the 2010-11 operating estimates as well as capital challenges and opportunities. The 2010-11 Estimates response was approved by the Board of Governors at its September 29, 2009 meeting. Appendix B summarizes the 2010-11 revenue and expenditure estimates, inflationary parameters and other assumptions as presented to COPSE in the Estimates Document.

We will continue to review and refine the revenue and expenditure forecasts throughout the planning period. Enrolment revenues are expected to be greater than originally forecast and will be revisited early in the winter 2010 term. Improved investment returns are anticipated to lessen the annual mandatory pension obligations however this will not be known for certain until the December 31, 2009 UM pension plan valuation is completed. It is too early to determine whether our current year utility forecasts are on target based on the unusual fall/winter weather patterns.

The 1% revenue and expense factors are listed on Appendix C. These 1% factors are useful in demonstrating impact in changes in assumptions, for example, a 1% increase in the Provincial base operating grant is not sufficient to cover a 1% increase to salaries and benefits. The 1% factors also help to demonstrate the impact of a 1% increase in tuition fees.

RESOURCE REQUIREMENTS:

A base grant increase of 12.9% (\$36.4 million) or a tuition increase of 41.1% or some combination thereof is required to sustain the 2009-10 programming levels.

CONNECTION TO THE UNIVERSITY PLANNING FRAMEWORK:

The Resource Planning process supports the University's planning framework. Revised resource planning templates request units to express linkages between planning efforts at the unit level and the priorities articulated in the Universities strategic planning framework. Any allocation/reallocation of resources for 2010-11 will be guided by the information provided within the unit planning submissions and the University planning framework.

IMPLICATIONS:

The implications of not receiving adequate funding through a 12.9% base grant or combination base/grant tuition increases are grave. The resultant funding shortfall would have significant impact on our core activities of teaching, learning, basic and applied research, and outreach activities to communities in Manitoba and beyond. We would be unable to meet our pension obligation.

As we do not expect to receive this level of base grant and/or tuition increases, we will aggressively pursue the "quick win" opportunities presented by PriceWaterhouseCoopers (PWC) through Phase 1 of the Resource Optimization and Service Enhancement (ROSE) project as well as investigate other opportunities through the Optimizing Academic Resources (OARs) project and via other revenue optimization initiatives.

Unit heads have been asked to build sufficient flexibility into their unit budgets to absorb a potential reduction of 5 per cent on average. The revised strategic planning template includes a section for unit heads to describe the implementation plans for such a reduction and the plans for mitigating the impact to ensure that program and/or service quality are not compromised.

ALTERNATIVES:

A combination of budget reductions and reallocations are likely.

CONSULTATION:

The first meeting of the President's Budget Advisory Committee (BAC) is scheduled for early February 2010 at which details of the budget process will be reviewed and discussed. The membership and terms of reference for the BAC is provided on Appendix D.

Deans, Directors and Heads of Administrative Units have been requested to develop and submit a Strategic Resource Plan using a prescribed format designed to assist units in briefly summarizing

their strategic priorities and resource requirements. The template was modified this year to ensure that units are linking their unit plans and priorities to the University's planning framework. Copies of the unit submissions will be provided to the BAC.

The President and each Vice-President will meet with Deans and Directors of academic units to review and discuss the unit submissions in February. Administrative unit heads will meet with the Vice-President to whom they report. In April 2010 the President and Vice-Presidents will present budget priorities for each portfolio to the BAC. Following receipt of feedback from the BAC, a table of draft operating budget allocations will then be developed.

Subsequent to notification by the Province on the 2010-11 operating grant, a draft budget including recommendations for changes to tuition fees (if applicable) and unit operating budget allocations will be presented to the BAC. A formal recommendation on the 2010-11 operating budget will be submitted to the Finance, Administration and Human Resources Committee and the Board of Governors at the May 2010 meeting.

Updates will periodically be provided to the Finance, Administration and Human Resources Committee and the Board of Governors as new information becomes available. Any new information will also be shared with the BAC.



Board of Governors Submission

Routing to the Board of Governors:

<u>Reviewed</u>	<u>Recommended</u>	<u>By</u>	<u>Date</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>Deborah McCall</i>	<i>Dec 15/09</i>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<i>D.G. I/S</i>	<i>Dec 15, 2009</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>FAHR Cte</i>	<i>12 Jan 2010</i>
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		

Submission prepared by: Joanne Dyer, University Budget Officer and Executive Assistant to the Vice-President (Administration)

Submission approved by: Deborah McCallum, Vice-President (Administration)

Appendices

Appendix A – Resource Planning and Allocation Schedule

Appendix B – Summary of Financial Requirements for 2010-11

Appendix C – 1% Revenue and Expense Factors

Appendix D – Budget Advisory Committee – Membership and Terms of Reference

RESOURCE PLANNING AND ALLOCATION SCHEDULE

WHAT	WHO	WHEN
Refresh/revisit University strategic priorities	President's Executive Team/ Board of Governors	Annually
Inflationary and other parameters for developing operating estimates	Comptroller/Financial Services/University Budget Officer/President's Executive Team/Board of Governors	June/ August
Review capital priorities for submission to Council on Post-Secondary Education (COPSE)	Director Physical Plant/AVP Administration/President's Executive Team/ Board of Governors	June to August
Respond to COPSE's request for the annual operating estimates	Comptroller/Financial Services/University Budget Officer/President's Executive Team/Board of Governors	June to September
Regular consultation and updates with relevant groups (PVP, SPPC BAC, Finance and Administration/Board of Governors)	VP (Administration)	On-going
Review tuition fee levels	Comptroller/University Budget Officer/President's Executive Team/Board of Governors	October to April
Unit Planning: Three-year strategic resource planning submissions	Deans/Directors/ Administrative unit heads	Request to be sent out in December. Submissions due early February
Review of unit submissions; PET meets with Deans and Directors to discuss plan submission, priorities and resources. Administrative Unit Heads meet with the V.P. to whom they report.	Presidents Executive Team, Vice-Provost Programs, University Budget Officer	February/March
Review of unit submissions	Budget Advisory Committee	February/March
COPSE funding announcement	COPSE	February to April
Presentation of Priorities and Plans to Budget Advisory Committee	President's Executive Team, University Budget Officer	Late March
Presentation of Draft Budget Plans to Budget Advisory Committee	President's Executive Team, University Budget Officer	April (subsequent to COPSE grant announcement)
		Continued...

RESOURCE PLANNING AND ALLOCATION SCHEDULE

WHAT	WHO	WHEN
Final decisions on budget plans	University Budget Officer/Presidents Executive Team	April 22, 2009 deadline for FAHRC
Prepares and presents budget (including fee recommendations) to Board of Governors	VP (Administration), University Budget Officer	May 2009 – subject to notification of COPSE grant
Finalize detailed budgets	University Budget Officer/Financial Services in Consultation with Deans/Directors/ Department Heads	Subsequent to Board Approval
Financial monitoring against budget	Deans/Directors/ Department Heads/University Budget Officer/Financial Services/President's Executive Team/Board of Governors	Ongoing

Summary of Financial Requirements for 2010/11
University of Manitoba Projected Revenue and Expenditure Factors
(Assumes Status Quo - No New Programs)

Revenues	Budget		Projections *	
	%	2009/10	%	2010/11
1. COPSE Government Grants (Base, Access, Specific Purpose and Tuition Rebate)	57.65%	280,846,100	57.33%	281,807,900 (a)
2. Tuition (Credit and Non-Degree)	21.08%	102,707,473	21.08%	103,621,891 (b) (c)
3. Other Provincial Government Grants (Department of Health, Manitoba Student Aid etc.)	2.04%	9,923,113	2.02%	9,923,113
4. Federal Government Grants (Indirect Costs of Research etc.)	1.82%	8,873,236	1.81%	8,873,236
5. Other Revenues (Misc., Endowment, Overhead, Sales and Service, Cost Recoveries etc.)	11.01%	53,623,848	11.27%	55,417,061
6. One Time Funding (Transfer from Provisions)	0.00%		0.00%	
7. Ancillaries	6.40%	31,188,051	6.49%	31,915,278
Total Revenues	100.00%	487,161,821	100.00%	491,558,479
Expenditures	Budget		Projections *	
	%	2009/10	%	2010/11
8. Salaries				
Academic	33.61%	163,746,381	32.97%	174,099,764 (d)
Support Staff	23.54%	114,669,075	23.16%	122,266,747 (d)
Scholarships, Bursaries, Prizes and Awards	1.58%	7,673,061	1.49%	7,873,061
Benefits	8.96%	43,649,570	11.26%	59,430,005 (d)
Payroll Levy	1.25%	6,099,016	1.23%	6,485,145 (d)
Sub-Total	68.94%	335,837,103	70.11%	370,154,722 (d)
9. Library Acquisitions	1.74%	8,494,181	1.72%	9,088,774 (e)
10. Utilities	3.69%	17,977,148	3.62%	19,117,148 (f)
11. Property Taxes	0.12%	600,000	0.11%	600,000
12. Other Expenses (Supplies, Travel, Postage, Insurance)	17.75%	86,482,774	17.12%	90,378,140 (g) (h)
13. Interfund Transfers (Includes Debt Servicing transferred to Capital, Student Financial Aid and Emergency Loan Funds administered through Trust and Endowment, Student Endowment Funds transferred to Trust and Endowment)	1.35%	6,582,563	1.28%	6,735,707
14. Ancillaries	6.40%	31,188,051	6.04%	31,915,278 (d) (h)
Total Expenditures	100.00%	487,161,820	100.00%	527,989,769
Projected Surplus/(Shortfall)		-		(36,431,291) (i)

* Assumptions Underlying Projections:

(a) 0.0% Base General Operating Grant Increase

(b) 0.0% Tuition Fee Rate Increase September 2010 4.5% Tuition Fee Rate Increase for Summer Session

(c) 0.0% Credit Hours/Enrolment Decrease

(d) Projected Salary & Benefit Increases - Scale plus increments based on projected negotiated settlements plus \$12.5 M annual unfunded liability pension payment

(e) 7% Library Acquisition Cost Increase

(f) 7.0% Fuel , 5% Hydro, 5% Water

(g) 35% insurance premium increase

(h) 2.0% General (Non-Salary) Inflationary increase

(i) Base Grant Increase of 10.9% required to break-even, or 30.6% increase in tuition fees, or some combination thereof

**2009-2010 Operating Budget
The 1% Factors**

Revenues

Provincial Grants - Base Operating	\$	2,808,500
Credit Tuition - Regular Session		886,400
Credit Tuition - Summer Session		79,600
Other Tuition (Non-Credit)		61,000
Other Income (Overhead, Trust, Miscellaneous)		100,500

Expenses

Academic Salaries	\$	1,637,500
Support Staff Salaries		1,146,700
Benefits/Payroll Levy		497,500
Total - Salary & Benefits	<u>\$</u>	<u>3,281,700</u>
Supplies and Expenses		820,600
Utilities		179,800

- a 1% increase to the Provincial Operating Grant is not sufficient to cover a 1% increase in salaries

BUDGET ADVISORY COMMITTEE

TERMS OF REFERENCE

1. The Budget Advisory Committee is advisory to the President.
2. The Committee shall provide advice on multi-year financial plans taking into account the University's strategic plans.
3. The Committee shall provide advice on the Annual Operating Budget Plan.
4. The Committee shall provide advice from time to time on any other matters as requested by the President.

PROCESS

- I. The Committee shall meet at the call of the President.
- II. The Committee shall create its own procedures.
- III. Early in each fiscal year the Committee will begin the process of developing advice on a multi-year financial plan so that plan will be finalized to form the basis for the ensuing year's expenditure budget allocations.
- IV. As soon as the administration has developed the proposed expenditure budget allocations for the ensuing fiscal year, the Committee will meet for the purpose of providing advice on those allocations.

MEMBERSHIP

President, Chair

4 Vice-Presidents or designates, Academic and Administrative Vice-Presidents to act as Vice-Chair as required

6 Faculty members from the Senate Planning and Priorities Committee, including the Chair

2 Support staff members

Chair of the Board of Governor's Finance and Administration and Human Resources Committee

President of UMSU or designate

President of the Graduate Students' Association or designate

Assessor from the University of Manitoba Faculty Association

University Budget Officer - Resource Person

Executive Assistant to the President – Resource Person

FOR INFORMATION ONLY



UNIVERSITY
OF MANITOBA

Board of Governors Submission

AGENDA ITEM: Statement of Intent: Doctorate of Psychology in Clinical Health Psychology

RECOMMENDED RESOLUTION:

For information only.

Action Requested: Approval Discussion/Advice Information

CONTEXT AND BACKGROUND:

The University of Manitoba's Faculty of Arts offers a PhD degree in Clinical Psychology which graduates 4-5 students annually, a number insufficient to meet Manitoba health care needs. The emphasis of this program has historically been on mental health professional roles and research and less on health psychology issues. PhD training is a "scientist-practitioner" model which aims to prepare all students for both professional practice and research careers. The Department of Clinical Health Psychology has historically contributed to the education of these students by supervising clinical practica and by serving on thesis committees, and this support will continue.

RESOURCE REQUIREMENTS:

Details will be provided in the full program proposal.

IMPLICATIONS:

There is a shortage of psychologists in Manitoba, and the number of local graduates each year is below the number needed to replace psychologists leaving practice. Establishing a PsyD program in the Department of Clinical Health Psychology would increase the number of psychologists graduating every year in Manitoba, and would graduate them using an efficient training model, with relevant training for current employment trends and opportunities in the healthcare system.

The PhD and PsyD models meet distinct needs and offer students the choice between a direct route to professional practice and an academic clinic research degree.

ALTERNATIVES:

N/A



Board of Governors Submission

Routing to the Board of Governors:

<u>Reviewed</u>	<u>Recommended</u>	<u>By</u>	<u>Date</u>
x	<input type="checkbox"/>	Faculty of Graduate Studies	October 20, 2009
x	<input type="checkbox"/>	Senate Executive	November 18, 2009
x	<input type="checkbox"/>	Senate	December 2, 2009
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
		Senate	

Submission prepared by:

Submission approved by: University Secretary.

Attachments

- Statement of Intent
- Correspondence from COPSE regarding Statement of Intent

STATEMENT OF INTENT

Institution

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

Program Overview

Program Name: Clinical Health Psychology

Credential to be offered: Doctorate of Psychology (PsyD) in Clinical Health Psychology

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

Canadian Psychological Association

Length of the program: 3 Years plus one-year internship / residency

Proposed program start date: 01 / 09 / 2010
Day/Month/Year

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

Clinical Health Psychology

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

Is this a new program? YES NO

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

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

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

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

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) (see below)

There is a shortage of psychologists in Manitoba, and the number of local graduates each year is below the number needed to replace psychologists leaving practice. Establishing a PsyD program in the Department of Clinical Health Psychology would increase the number of psychologists graduating every year in Manitoba, and would graduate them using an efficient training model, with relevant training for current employment trends and opportunities in the healthcare system.

The proposed PsyD in the Department of Clinical Health Psychology is unique in three respects. First, it would be the first program in Canada in clinical *health* psychology, focused on psychological interventions in physical medicine such as cardiac sciences, surgical preparation, diabetes control, gastrointestinal pain and other pain conditions (as well as traditional mental health areas of anxiety and depression). Secondly, it provides Manitoba with an alternative model of training. The "professional school" model Doctor of Psychology (PsyD) degree would give students a choice of a more direct route to professional practice in less time (PsyD degrees typically take 4-5 years to complete compared to 7-8 for PhD programs). Thirdly, the Dept of Clinical Health Psychology would be unique in being a doctoral program in professional psychology based in a Faculty of Medicine. This would provide opportunities for inter-professional education and training, focused on the full range of health care from primary prevention to tertiary specialist inpatient care, and including both physical and mental health.

The University of Manitoba's Faculty of Arts offers a PhD degree in Clinical Psychology. The PhD program graduates 4-5 students annually, which is insufficient to meet Manitoba health care needs. The emphasis of this program has historically been on mental health professional roles and research and less on health psychology issues. PhD training is a "scientist-practitioner" model which aims to prepare all students for **both** professional practice and research careers, which increases length of training. The Department of Clinical Health Psychology has historically contributed to the education of these students by supervising clinical practice and by serving on thesis committees, and this support will continue.

The PhD and PsyD models meet distinct needs and offer students the choice between a direct route to professional practice and an academic clinical research degree. Both are required in Manitoba.

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

No articulation is required. Existing transfer credit arrangements used by the University of Manitoba will be used.

Specific Program Information

1. Program Description

Describe the program and its objectives:

Background The Department of Clinical Health Psychology was established in the Faculty of Medicine in 1995. External reviews conducted for the Canadian Psychological Association and the American Psychological Association (2004) and the Faculty of Medicine and Winnipeg Regional Health Authority (2005) both recommended that the department expand beyond its highly-regarded residency training program and establish a doctoral degree program taking advantage of its unique strengths. In particular, the external reviews noted that the Dept of Clinical Health Psychology is ideally situated in the Faculty of Medicine to promote inter-

...system from the point of their entry into graduate education. This potential was recognized by an "External Review of Clinical Health Psychology", commissioned by the University of Manitoba, Faculty of Medicine (2005), which noted:

"Currently, this Department is recognized as the pre-eminent clinical health psychology department in Canada, due to its strong role in partnerships with a diversity of medical specialties and primary care, as well as its highly integrated relationship between WRHA and the Faculty of Medicine at the University of Manitoba."

This review explicitly recommended that the Department of Clinical Health Psychology should...

"Develop a doctoral level graduate program in health psychology. Such a program would be clinically focused and could be provided largely within existing resources. It would prove exceptionally popular within Canada and would serve to create a significant academic focus, while providing an ongoing supply of service providers."

With over 40 full-time psychologists on staff, this is the largest group of academic clinical psychologists in Manitoba. Access to relevant patient populations and opportunities to collaborate with other health professionals make possible exemplary clinical teaching at the Bannatyne campus. The Dept of Clinical Health Psychology has active research programs in prevention and treatment of irritable bowel syndrome, sleep disorders, anxiety disorders, cardiac rehabilitation, knowledge translation, and members collaborate in a number of multi-site pediatric clinical trials. Department members are involved in graduate student thesis and dissertation committees and clinical supervision of 7-8 residents and 12-18 practicum students per year.

This proposal is to establish a Doctor of Psychology (Psy.D.) degree at the University of Manitoba, in the Faculty of Medicine. The PsyD. is a professional degree – analogous to the models in Medicine, Dentistry, and other health professions – which would provide an alternative for students whose career goals are primarily in the area of clinical practice, and it would effectively double the number of psychologists graduated in Manitoba each year.

One-quarter of doctoral programs in Clinical Psychology in the United States are PsyD. programs. Several Canadian universities (Laval, Memorial, Université de Moncton) have developed or are developing professional PsyD training programs. The PsyD program at Université Laval has received accreditation by the Canadian Psychological Association, and coexists with a clinical psychology PhD program within the same university.

Program Description The proposed graduate program of studies is a three year program of intensive professional studies and training with a one year external internship (residency) towards a professional Doctorate of Psychology (Psy.D). It is the intent of the Department of Clinical Health Psychology to seek CPA accreditation for this PsyD program.

The program of studies will employ an innovative curriculum that will parallel the recent case-based, active-learner, group problem-solving approach now emphasized in medical training. Both classroom studies and practicum training will use a problem-based approach that integrates epidemiology, data analysis, critical review of the literature, clinical reasoning, skill development, ethics, social and professional issues in every case study. Students in this model consistently employ systematic information-seeking methods that prepare them for a diversity of health care issues in later active professional practice.

Objectives

1. To establish a professional school model of clinical health psychology education at the University of Manitoba

program along the lines of professional programs in Medicine, Dentistry, and Law. The PsyD is meant as an alternative to (but not to replace) the PhD "Scientist-Practitioner" model of clinical psychology training which places equal emphasis on research and professional training, culminating in an extensive dissertation. The difference in time to completion between the two types of programs is almost entirely due to their different approaches to research. Research training in a PsyD program aims to develop critical thinking and use of research literature to guide best practice; not to prepare students for academic positions as researchers. PsyD dissertation research projects are applied, translational, and completed within much less time than typical PhD dissertations. There is need for both training models, with the PsyD model best suited to meeting the human resource needs for professional practice in health care, and the PhD model best for training future academic researchers. PsyD trained psychologists from American universities have been accepted for licensure by the Psychological Association of Manitoba.

2. To integrate psychology professional training into inter-professional models of health professional education, health care delivery and health research.

Psychologists working in health care are expected to be able to practice in an inter-professional environment and must be trained explicitly in multidisciplinary approaches to health care. Towards this end, all clinical and research training in the Clinical Health Psychology PsyD program will take place in interdisciplinary health care settings (the Bannatyne Campus and WRHA hospitals and healthcare facilities affiliated with the Faculty of Medicine). Some course work will be offered by, or in collaboration with, other Faculty of Medicine departments such as Community Health Sciences (epidemiology & biostatistics, health policy), Psychiatry and Pharmacology (psychopharmacology).

3. To increase the access of Manitobans to needed psychological services.

Canadian Institute for Health Information (CIHI) data show that the number of psychologists serving Manitobans is the lowest in Canada at a per capita rate of 14 psychologists/100,000 population, and among the lowest of all health professions (only optometrists and midwives have a lower professional-to-population ratio). The proposed program will ensure that more people in Manitoba can access psychological services that will improve their physical and mental health.

4. To meet emerging service demands in clinical health psychology by focusing psychology professional training on the full spectrum of health issues.

The term "clinical health psychology" denotes the application of psychology principles and skills to the full spectrum of health care needs. In addition to the traditional mental health focus of earlier training models, employment for psychologists is increasingly expanding in health sectors such as pain management, cardiac stress management, diabetes, surgical pre-habilitation and rehabilitation, trauma, child and adult neuropsychology.

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

The recommended curriculum is a structured professional training model. The curriculum outline is based on *A MODEL CURRICULUM FOR A DOCTOR OF PSYCHOLOGY (PSY.D.) PROGRAMME* (2004) developed by the Canadian Psychological Association (CPA). The "core components of Psy.D training programs include:

- A research experience resulting in a dissertation on a meaningful problem associated with the practice of psychology, using a strategy of disciplined inquiry appropriate to the problem."
- A minimum of three full-time academic years of graduate study or equivalent, and completion of an internship prior to awarding the doctoral degree."
- Doctoral programs that prepare psychologists for practice should meet accreditation standards for professional training (CPA, 2002), and core regulatory requirements for

These accreditation requirements include a full year of internship / residency. In Manitoba, those who intend to practice under the title of Psychologist must obtain a doctoral degree in order to be eligible for licensure; thus all studies will be directed towards obtaining the doctoral degree. Students will graduate having completed all requirements for licensure including national licensing examinations.

The model presented in the accompanying table conforms to the CPA guidelines and is consistent with precedents set by CPA for full accreditation of the PsyD program at Université Laval. Where appropriate, CPA accreditation foundational knowledge requirements (e.g., physiological psychology, cognition, social psychology, human development) will be met through undergraduate admission prerequisites.

2. Enrollment

Admissions.

In addition to Graduate Studies requirements, the admissions criteria would be an undergraduate Honours B.A. or B.Sc. with an appropriate combination of foundational undergraduate and Honours courses such as research methods, psychopathology, health psychology, neuroscience and/or neuropsychology, developmental psychology, social psychology, cognitive psychology, physiological psychology, psychological testing and measurement, introductory biology (or human anatomy and physiology / human genetics), and completion of an undergraduate research thesis (or equivalents). This combination of courses would permit students to enter directly into graduate level professional training in clinical health psychology. However provision will be made through supplementary courses for suitable applicants applying from institutions where this set of courses were not fully available. Admission will be based on grade point average, scores on the Graduate Record Examination (Quantitative, Verbal), letters of reference and screening for professional suitability. Special admissions considerations will be instituted for First Nations' students.

What is the program's initial projected enrollment?

5 students

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

5 students per year

Describe the expected student profile?

This program is designed for students interested in professional practice careers in clinical health psychology. This program will attract students with interests in the applications of biopsychology and social science principles to health care. This program will select from a large pool of existing undergraduate students, and admission will be very competitive (it is expected that students accepted for this program will have undergraduate GPAs typically at the 4.0 level or higher).

Table 1

Curriculum for 4 year program leading to Professional Doctor of Psychology (PsyD) degree in Clinical Health Psychology

PsyD in Clinical Health Psychology			
	Fall Semester	Winter Semester	Summer Semester
Year 1	<p><i>CHP7xxx(3cr)</i> Clinical Skills 1 Diagnostic evaluation and interviewing</p> <p><i>CHP7xxx(3cr)</i> Case Studies in Clinical Health Psychology 1</p> <p><i>CHSC7470(3cr)</i> Biostatistics 1 (or equivalent)</p> <p><i>CHSC7520(3cr)</i> Principles of Epidemiology</p> <p><i>CHP-7xxx(0cr)</i> Practicum: Evaluation 1</p>	<p><i>CHP7xxx(3cr)</i> Clinical Skills 2 Cognitive & Neuropsychological evaluation</p> <p><i>CHP7xxx(3cr)</i> Case Studies in Clinical Health Psychology 2</p> <p><i>CHSC7480(3cr)</i> Biostatistics 2 (or equivalent)</p> <p><i>CHSC7350(3cr)</i> Research Methods in Health Care (or equivalent)</p> <p><i>CHP-7xxx(0cr)</i> Practicum: Evaluation 2</p>	<p><i>CHP7xxx(3cr)</i> Thesis proposal</p> <p><i>CHP-7xxx(0cr)</i> Practicum: Psychological Intervention – Health Promotion and Illness Prevention</p>
Year 2	<p><i>CHP7xxx(3cr)</i> Clinical Skills 3 Evidence Based Psychological Intervention Skills</p> <p><i>CHP7xxx(3cr)</i> Professional practice & ethics</p> <p><i>CHP-7xxx(0cr)</i> Practicum: Adult Clinics</p>	<p><i>CHP7xxx(3cr)</i> Clinical Skills 4 Research Topics in Psychological Interventions.</p> <p>Elective *</p> <p><i>CHP7xxx(0cr)</i> Practicum: Child Clinics</p>	<p>Thesis research</p> <p>Doctoral Exam :EPPP</p>
Year 3	<p><i>CHP7xxx(3cr)</i> Topics in Health Psychology</p> <p><i>CHP-7xxx(0cr)</i> Practicum: Clinical Health Psychology 1 (e.g., cardiac rehab)</p> <p>Application for Residency</p>	<p><i>CHP7xxx(3cr)</i> Medical and psychopharmacological Interventions</p> <p><i>CHP-7xxx(0cr)</i> Practicum: Clinical Health Psychology 2 (e.g., pain)</p> <p>Residency Match</p>	<p>Thesis Defense</p> <p><i>CHP-7xxx(0cr)</i> Practicum: elective / rural</p>
Year 4	<p><i>CHP-7xxxz</i> CHP Residency</p>	<p><i>CHP-7xxxz</i> CHP Residency</p>	<p><i>CHP-7xxxz</i> CHP Residency</p>

* Examples of Electives from other Departments and Faculties (permission required):
IMED7100(6cr) Fundamentals of Neuroscience; *CHSC7510(3cr)* Current Topics in Community Health;
IMED7290(3cr) Developmental Biology; *CHSC7380(3cr)* Prevention and Health

3. Labour Market Information

What labour market need is the program expected to meet?

Employment opportunities in health care settings (in hospital and community) and in private practice have expanded considerably in the past decade. Due to the increasing demand for psychological services in physical medicine (e.g., cardiac rehabilitation, developmental neuropsychology, chronic illness), there is a specific demand for clinical health psychologists in regional health authorities in addition to the continued need for psychologists practicing in the area of mental health. There is increasing recognition of the valuable contributions that psychologists make as members of primary care teams including family physicians and other professionals, to deliver optimal primary care. The supply of psychologists is of particular concern in Manitoba. CIHI data (2005) indicate that Manitoba has the lowest psychologist-to-population ratio in Canada. Furthermore, the average age of professional psychologists in Canada is approximately 52, with a forecasted difficulty in replacing retiring psychologists over the next several decades. Due to this looming recruitment crisis, the Canadian Psychological Association has struck a Task Force on Supply and Demand. To meet the health human resource needs for their populations, provincial governments and universities in Quebec, Newfoundland, and New Brunswick have specifically targeted the development of professional PsyD programs. As there is a different targeted purpose of PsyD and PhD training, some institutions (e.g., Université Laval) have both PsyD and PhD programs.

Are there currently jobs in Manitoba in this field? X YES NO
If yes, where (geographic location and industry)?

Each year there are a number of vacant psychologist positions within the health care facilities and community programs of the Winnipeg Regional Health Authority and additional positions in Manitoba's northern and rural regional health authorities that would be appropriate for graduates of this program. As the value of clinical health psychology services is increasingly recognized, the demand for these positions is increasing. In addition, there is an expanding private practice sector demand for clinical health psychologists.

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

There is very significant demand and employment opportunity for psychologists with this kind of training. Fifty percent of psychologist positions within the Winnipeg Regional Health Authority have turned over in the past 5 years, due to retirements and departures of psychologists from practice in the publicly-funded health care system to opportunities in private practice or in other provinces. Recruitment typically takes 12 to 18 months. Students who complete their doctoral degree or psychology residency training in Manitoba are much more likely to be successfully recruited into positions in Manitoba.

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

Manitoba aspires to be at the forefront of evidence based, cost-effective quality health services. Psychological approaches to health issues such as cardiac disorders improve outcomes, improve quality of life, and reduce overall costs. For example, the Practice Directorate of the American Psychological Association estimates that for cardiac patients, following the initial cardiac event, there is an overall health care cost saving of \$5 for every \$1 spent on health psychology services such as stress reduction. Manitoba population health priorities include the behavioural prevention of disorders such as Fetal Alcohol Syndrome, diabetes, cardiac disease, renal failure, injuries and self-harm. Health psychologists can help with all of these.

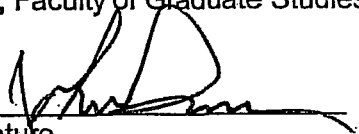
Dr. Dean Sandham, Dean of Medicine, University of Manitoba
Dr Patrick Choy and Dr Kevin Coombs, Associate Deans, Research, Faculty of Medicine, UM
Dr Wil Fleisher, Associate Dean Medical Education, Faculty of Medicine, UM
Dr Murray Enns, Head, Dept of Psychiatry, Faculty of Medicine, UM
Dr. Jitender Sareen, Director of Research, Dept of Psychiatry, UM
Dr. Lawrence Elliott and Dr. Sharon Macdonald, Acting Heads, Dept of Community Health Sciences, Faculty of Medicine, UM
Dr. Bob Tate, Graduate Program Chair, Dept of Community Health Sciences, UM
Dr Emily Etchevery, Director, School of Medical Rehabilitation, UM
Dr. Ed Kroeger, Assistant Dean of Graduate Studies, Faculty of Medicine, UM
D. Tom Hassard, Associate Dean, Faculty of Graduate Studies, UM
Dr. John Doering, Dean Faculty of Graduate Studies, UM
Mr. Milton Sussman, Vice President Community Health and Chief Operating Officer, Winnipeg Regional Health Authority (WRHA)
Dr. Karen Cohen, Executive Director, Canadian Psychological Association
Dr. Janel Gauthier, Dept of Psychology, Université Laval
Department Council, the Dept of Clinical Health Psychology, Faculty of Medicine, UM
Dr. Nancy Prober, President, Manitoba Psychological Society
Dr. Alan Slusky, Registrar, Psychological Association / College of Psychologists of MB
Dr. John Arnett, Director of Clinical Training and the Psychological Service Centre, Dept of Psychology, Faculty of Arts, University of Manitoba
Dr. Harvey Keselman and Dr. Todd Mondor, Heads, Dept of Psychology, Faculty of Arts, UM
Dr Jamie Boyd, Head, Dept of Family Medicine, UM
Dr Dan Roberts, Head, Dept of Medicine, Faculty of Medicine, UM
Dr Cheryl Greenberg, Head, Dept of Pediatrics and Child Health, Faculty of Medicine, UM
Dr. Margaret Morris, Head, Dept of Obstetrics, Gynecology & Reproductive Sciences, UM
Dr. Fiona Parkinson, Acting Head, Dept of Pharmacology & Therapeutics, UM
Dr. Christine Arlett, Director, Psy.D. Program, Memorial University of Newfoundland
Manitoba Health & Healthy Living

Is there any other information relevant to this program? (Available on request)

4. Financial Information

Financial details to follow in the full proposal.

Submitted by: Dr. John Doering
Dean, Faculty of Graduate Studies, University of Manitoba


Signature


Date

J. Leclerc ✓ cc: Janne Kogelman

Council on Post-Secondary Education ❖ Conseil de l'enseignement postsecondaire

✓ cc: RAL
Jan 11/2010

December 16, 2009

Dr. David Barnard
President and Vice Chancellor
University of Manitoba
202 Administration Building
Winnipeg MB R3T 2N2

Dear Dr. Barnard:

At its meeting of December 10, 2009, the Council on Post-Secondary Education reviewed the following statements of intent:

Joint Bachelor of Science (BSc) Honours Degree in Computer Science and Statistics

Bachelor of Science (Major) in Genetics

Consistent with Council's standard procedures, the University of Manitoba may develop full program proposals for the Joint Bachelor of Science (BSc) Honours Degree in Computer Science and Statistics and the Bachelor of Science (Major) in Genetics for Council's further consideration.

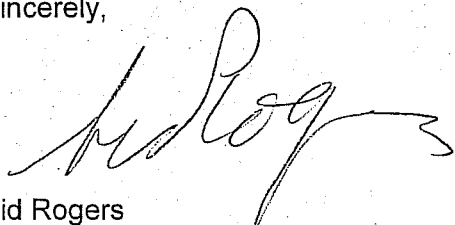
Please note that Council's approval to proceed to the submission of full program proposals does not signal Council's approval or eventual approval of these programs.

At the same meeting, Council also reviewed the University's statement of intent for the Doctorate of Psychology (PsyD) in Clinical Health Psychology

At the present time, Council requests that the UM not proceed to the development of full program proposal for this program, until such time as the Council has an opportunity to conduct further analysis and research on the implications which are raised by this program. We will be certain to keep the UM apprised of the findings and outcomes of our research as they become available. We thank you for your consideration and look forward to the further evaluation of this statement of intent.

If you have any questions, please do not hesitate to contact me at 945-1840.

Sincerely,



Sid Rogers
Secretary



AGENDA ITEM: Academic Schedule for 2010-2011

RECOMMENDED RESOLUTION:

For information only.

Action Requested: Approval Discussion/Advice Information

CONTEXT AND BACKGROUND:

The Academic Schedule was prepared by the Registrar and reviewed by Faculties and Schools. The Schedule was approved by Senate on December 2, 2009.

RESOURCE REQUIREMENTS:

N/A

IMPLICATIONS:

N/A

ALTERNATIVES:

N/A

CONSULTATION: *[delete if not applicable]*

Faculties and Schools were consulted in the preparation of this schedule.



Board of Governors Submission

Routing to the Board of Governors:

<u>Reviewed</u>	<u>Recommended</u>	<u>By</u>	<u>Date</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Senate Executive	November 18, 2009
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Senate	December 2, 2009
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
		Senate	

Submission prepared by:

Submission approved by: University Secretary

Attachments

- Academic Schedule 2010-2011

2010-2011 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 Fall/Winter Session**
- Section 2: Start and End Dates for Fall/Winter Session**
- Section 3: Registration and Withdrawal Dates**
- Section 4: Fee Deadlines**
- Section 5: Dates of University Closure and Mid Term Break**
- Section 6: Fall/Winter 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 & Online Education 2010/11 Deadline Dates**
- Section 12: Summer Session 2010 Start and End Dates**
- Section 13: Summer Session 2010**
- Section 14: Graduate Studies**

Section 1: Orientation Sessions for Fall/Winter Session

IDDP Year 1	May-June 2010
University 1	Sept. 7-8, 2010
Agriculture Diploma	Sept. 17, 2010
School of Art Orientation	Sept. 7-8, 2010
Asper School of Mgmt, Year 1 student welcome luncheon	Sept. 7, 2010
Asper School of Mgmt, Year 1 CSA orientation and Barbeque	Sept. 8, 2010
Education, Year 1	TBA
Education, Year 2 and Year 5 Integrated	TBA
Kinesiology and Recreation Management	July 6-7, 2010
Medicine, Year 1	Aug. 17, 2010
Medicine Inaugural Exercises	Aug. 18, 2010
Music	Sept. 7, 2010
Nursing, Year 2 (2180)	
Tuesday/Wednesday clinical orientation	Sept. 1, 2010
Nursing, Year 2 (2190)	
Tuesday/Wednesday clinical orientation	Sept. 1, 2010
Nursing, Year 2 (2180)	
Thursday/Friday clinical orientation	Sept. 2, 2010
Nursing, Year 2 (2190)	
Thursday/Friday clinical orientation	Sept. 2, 2010
Nursing, Year 2 (2180 continues)	
Tuesday/Wednesday clinical orientation continues	Sept. 8, 2010
Nursing, Year 2 (2180 continues)	
Thursday/Friday clinical orientation continues	Sept. 9, 2010
Nursing, Year 2 (2190 continues)	
Both rotations clinical orientation continues	Sept. 9, 2010
Nursing, Year 2 (2180 and/or 2190)	
Tuesday/Wednesday clinical begins	Sept. 14, 2010
Nursing, Year 2 (2180 and/or 2190)	
Thursday/Friday clinical begins	Sept. 9, 2010
Nursing, Year 3 clinical orientation	
Tuesday/Wednesday clinical rotation begins	Sept. 28, 2010
Nursing, Year 3 clinical orientation	
Thursday/Friday clinical rotation begins	Sept. 30, 2010
Nursing, Year 4 clinical orientation	Sept. 9, 2010

Nursing Lectures in NURS 2120 (Health Assessment) and Nursing labs in NURS 2120 (Health Assessment) and NURS 2130 (Skills Year2), NURS 3280 (Skills Year 3) start week of Sept. 13, 2010

NOTE: Immunizations/CPR due for all newly admitted Aug. 1, 2010
Nursing students

Occupational Therapy, Year 1 Linking Days	Aug. 26 - 27, 2010
Pharmacy, Year 1 orientation session	Sept. 8, 2010
Social Work, Year 1	Sept. 8, 2010
Social Work, Year 2 and 3 Field Orientation	Sept. 7 and 8, 2010

Section 2: Start and End Dates for Fall/Winter Session

(Classes, practica, 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 and Online Education courses should consult the Distance and Online Education Calendar available from Distance Education.

Education courses may have unique start and end dates. Students are referred to the Aurora Student Class Schedule.

Fall Term 2010 (including full courses)	Start	End
Most faculties and schools	Sept. 9, 2010	Dec. 8, 2010
Agriculture diploma	Sept. 20, 2010	Dec. 3, 2010
Dentistry, Years 1 and 2	Aug. 16, 2010	Dec. 3, 2010
Dentistry, Year 3	Aug. 9, 2010	Dec. 3, 2010
Clinics	Aug. 30, 2010	Dec. 17, 2010
Dentistry, Year 4	Aug. 9, 2010	Dec. 10, 2010
Clinics	Aug. 23, 2010	Dec. 17, 2010
Dental Hygiene, Year 1	Aug. 23, 2010	Dec. 3, 2010
Clinics	Sept. 17, 2010	Dec. 3, 2010
Dental Hygiene, Year 2	Aug. 16, 2010	Dec. 3, 2010
Clinics	Aug. 30, 2010	Dec. 10, 2010
Law	Sept. 7, 2010	Dec. 6, 2010
Medicine, Years 1 and 2	Aug. 23, 2010	TBA
Medicine, Years 3 and 4	Aug. 23, 2010	Dec. 17, 2010
Medicine, B.Sc.	May 24, 2010	Aug. 20, 2010
Occupational Therapy Year 1	Aug. 30, 2010	Nov. 19, 2010
Basic Fieldwork	Nov. 22, 2010	Dec. 17, 2010
Occupational Therapy Year 2	Aug. 30, 2010	Dec. 17, 2010
Pharmacy, Year 4 (classes)	Sept. 7, 2010	Nov. 1, 2010
(Experiential Rotations - Block 1)	Nov. 8, 2010	Dec. 17, 2010
(Electives - Block 1)	Nov. 4, 2010	Dec. 22, 2010
Physical Therapy Year 3	Aug. 30, 2010	Dec. 10, 2010
Respiratory Therapy Years 1, 2, 3	Aug. 23, 2010	Dec. 17, 2010
Respiratory Therapy,		
Year 1 Basic Fieldwork	Sept. 17, 2010	Dec. 17, 2010
Year 2 Basic Fieldwork	Sept. 17, 2010	Dec. 17, 2010
Social Work, Field Instruction Years 2 & 3	Sept. 7, 2010	Dec. 10, 2010

Winter Term 2011 (including full courses)	Start	End
Most faculties and schools	Jan. 5, 2011	April 8, 2011
Agriculture Diploma	Jan. 5, 2011	Mar. 29, 2011
Dental Hygiene, Years 1 and 2 classes	Jan. 4, 2011	April 8, 2011
Year 1 clinic	Jan. 4, 2011	April 8, 2011
Year 2 clinic	Jan. 4, 2011	April 21, 2011
Dentistry, Years 1 and 2	Jan. 4, 2011	April 21, 2011
Dentistry, Year 3 classes	Jan. 4, 2011	April 8, 2011
Year 3 clinics	Jan. 4, 2011	April 21, 2011
Dentistry, Year 4 classes	Jan. 4, 2011	Feb. 11, 2011
Year 4 clinics	Jan. 6, 2011	April 21, 2011
Law	Jan. 4, 2011	April 11, 2011
Medicine, Years 1 and 2	TBA	May 20, 2011

Medicine, Year 3	Jan. 4, 2011	Aug. 19, 2011
Medicine, Year 4 Clerkship	Jan. 4, 2011	May 6, 2011
Occupational Therapy Year 1	Jan. 4, 2011	April 29, 2011
Occupational Therapy Year 2		
Intermediate Fieldwork 2	Jan. 3, 2011	Feb. 25, 2011
Occupational Therapy Year 2	Mar. 7, 2011	June 24, 2011
Pharmacy, Year 2, experiential rotations	May 2, 2011	May 13, 2011
Pharmacy, Year 3 Community Practice	April 4, 2011	April 29, 2011
Pharmacy, Year 4,		
(Experiential Rotations - Block 2)	Jan. 4, 2011	Feb. 11, 2011
(Electives - Block 2)	Jan. 3, 2011	Feb. 18, 2011
(Experiential Rotations - Block 3)	Feb. 21, 2011	April 1, 2011
(Electives - Block 3)	Feb. 21, 2011	April 8, 2011
Physical Therapy	Jan. 4, 2011	variable; depends on clinical placements
Resp. Therapy Year 1 Basic Fieldwork	Jan. 7, 2011	Mar. 25, 2011
Resp. Therapy Year 2 Basic Fieldwork	Jan. 7, 2011	Mar. 25, 2011
Respiratory Therapy Years 1 and 2	Jan. 3, 2011	April 29, 2011
Respiratory Therapy Year 3	Jan. 3, 2011	June 24, 2011
Social Work Years 2 and 3 field instruction	Jan. 4, 2011	April 15, 2011

Section 3 Registration and Withdrawal Dates

NOTE: 1. The refund schedule will be published on the Registrar's Office web site in July 2010.

2. Some courses have irregular Voluntary Withdrawal deadline dates. Please refer to your faculty or school section of the Calendar.

Fall Term 2010 (including full courses)	Start	End
Nursing Clinical Courses: last date to register for Fall Term 2010 and Winter Term 2011	Aug. 18, 2010	
Last Date to register and pay fees without penalty for all programs (except Agriculture Diploma)	Sept. 8, 2010	
Agriculture Diploma	Sept. 17, 2010	
Law: Registration after this date requires Associate Dean's approval	Sept. 7, 2010	
Registration revisions and late registration in all programs (except Agriculture Diploma). A financial penalty is assessed on all late registrations during this period	Sept. 9, 2010	Sept. 22, 2010
Agriculture Diploma	Sept. 20, 2010	Sept. 29, 2010
Last date in all programs (except Agriculture Diploma) to withdraw from Fall Term 2010 and full courses and not be assessed a "VW"		Sept. 22, 2010
Agriculture Diploma		Sept. 29, 2010
Last date for Voluntary Withdrawal from Fall Term 2010 courses without academic penalty in all faculties and schools. (see refund schedule, published on the Registrar's Office web site in July 2010, for financial implications) (For a refund schedule, please check the Registrar's Office website after July 1, 2010.)		Nov. 17, 2010
Winter Term 2011		
Registration and Revision period in Winter Term 2011 half courses in all programs (except Agriculture Diploma)	Jan. 5, 2011	Jan. 18, 2011
Agriculture Diploma	Jan. 5, 2011	Jan. 17, 2011
Last date for registration in Winter Term 2011 half courses, including Challenge for Credit, and/or registration revisions in all programs (except Agriculture Diploma)		Jan. 18, 2011
Agriculture Diploma		Jan. 17, 2011
Winter Term 2011 half courses and full courses dropped after this date from any program (except Agriculture Diploma) are recorded as Voluntary Withdrawals		Jan. 18, 2011
Agriculture Diploma		Jan. 17, 2011
Last date for Voluntary Withdrawal from Winter Term 2011 half courses and full courses without academic penalty in all faculties and schools (except Agriculture Diploma). (see refund schedule, published on the Registrar's Office web site in July 2010, for financial implications) (For a refund schedule, please check the Registrar's Office website after July 1, 2010.)		Mar. 18, 2011
Agriculture Diploma		Mar. 10, 2011

Section 4: Fee Deadlines

Last date for all students to pay Fall Term 2010 and 1st instalment fees without late fee (except Agriculture Diploma) Sept. 8, 2010
 Agriculture Diploma Sept. 17, 2010
 Last date for all students to pay Winter Term 2011 and 2nd instalment fees without late fee Jan. 6, 2011

Section 5: Dates of University Closure and Mid Term Break

When the University is closed no classes/examinations will be held.	Start	End
Canada Day (Holiday Observed)	July 1, 2010	
Civic Holiday	Aug. 2, 2010	
Labour Day	Sept. 6, 2010	
Thanksgiving Day	Oct. 11, 2010	
Remembrance Day (Holiday Observed)	Nov. 11, 2010	
December Holidays	Dec. 23, 2010	Jan. 3, 2011
Mid-Term Break* for all faculties and schools (except Medicine, Education, Occupational Therapy, Physical Therapy Yr. 3 and Respiratory Therapy Yr. 3)	Feb. 21, 2011	Feb. 25, 2011
Louis Riel Day	Feb. 21, 2011	
Occupational Therapy	Feb. 28, 2011	Mar. 4, 2011
Medicine Years 1 and 2	Mar. 14, 2011	Mar. 18, 2011
Good Friday	April 22, 2011	
Easter Monday (Respiratory Therapy department only)	April 25, 2011	
Victoria Day	May 23, 2011	

*The academic and administrative offices will be open during this period, but there will be no classes/examinations held for students

Section 6: Fall/Winter Session Examination and Test Dates

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

Fall/Winter Session 2010-2011

Fall Term 2010 (including full courses)	Start	End
Most faculties and schools	Dec. 10, 2010	Dec. 22, 2010
Agriculture Diploma*	Dec. 6, 2010	Dec. 13, 2010
Dentistry, Years 1, 2, and 3	Dec. 6, 2010	Dec. 17, 2010
Dentistry, Year 4	Dec. 13, 2010	Dec. 17, 2010
Dental Hygiene Year 1	Dec. 6, 2010	Dec. 17, 2010
Dental Hygiene Year 2	Dec. 13, 2010	Dec. 17, 2010
Law	Dec. 10, 2010	Dec. 22, 2010
Pharmacy, Year 4	Nov. 2, 2010	Nov. 3, 2010

Winter Term 2011 (including full courses)

Most faculties and schools	April 11, 2011	April 26, 2011
Agriculture Diploma	Mar. 31, 2011	April 8, 2011
Dental Hygiene, Years 1 and 2	April 11, 2011	April 15, 2011
Dentistry, Years 1, 2 and 3	April 25, 2011	May 6, 2011
Year 4	Feb. 14, 2011	Feb. 18, 2011
Law	April 13, 2011	April 27, 2011
Pharmacy, Year 3	Mar. 26, 2011	Mar. 30, 2011
Respiratory Therapy		
Clinical Entrance Exams Year 2	April 29, 2011	
Composite Exams Year 3	June 20, 2011	

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	July 2, 2010
Language reading tests for graduate students	Sept. 4, 2010
Last date to apply for Challenge for Credit for courses offered in Fall Term 2010	Sept. 22, 2010
International Dental Degree Program on-site assessment	TBA
Last date to apply for Challenge for Credit for courses offered in Winter Term 2011	Jan. 18, 2011
Agriculture Diploma Last date for applications for Fall Term 2010 supplemental examinations	Jan. 4, 2011
Fall term supplementary examinations	Jan. 10, 2011
Language reading tests for graduate students	April 2, 2011
Agriculture Diploma Last date for applications for Winter Term 2011 supplemental examinations	April 29, 2011
Winter Term supplementary examinations	May 20, 2011
Last day to register for Challenge for Credit for examinations in June series	April 29, 2011
Medical Council of Canada examinations	May 2 -10, 2011

Section 8: Final Grade Appeal Dates

Appeal period for final grades received for Fall Term 2010 courses	Jan. 4, 2011	Jan. 24, 2011
Appeal period for final grades received for Winter Term 2011 courses and full courses	May 24, 2011	June 13, 2011

Section 9: University Convocation

Fall Convocation	Oct. 20-21, 2010
Last date to apply online to graduate in October	July 29, 2010
Last date to apply online to graduate in February	Sept. 22, 2010
Last date to apply online to graduate in May	Jan. 18, 2011
Graduation date for students graduating in February 2011 (Ceremony for February grads is in May 2011)	Feb. 2, 2011
School of Agriculture graduation ceremony	April 29, 2011
Faculty of Medicine Convocation ceremony	May 12, 2011
Spring Convocation	May 31, June 1, 2, 2011
Convocation ceremony at Collège universitaire de Saint-Boniface	June 6, 2011

Section 10: Other University Special Events

Parents Orientation	June 5, 2010
2010 School Counsellors Admissions Seminar	Sept. 2010
Enrolment Services/Student Recruitment: Evening of Excellence	Oct. 2010
Memorial events for 14 women murdered at l'École Polytechnique in 1989	Dec. 6, 2010
Information Days for high school students	Feb. 23-24, 2011
Annual traditional graduation Powwow in honour of Aboriginal students	May 7, 2011

Section 11: Distance and Online Education 2010/2011 Deadline Dates

Start and End Dates	
Fall term 2010 (including Full Courses)	Refer to Section 2 for start & end dates
Winter Term 2011	Refer to Section 2 for start & end dates
Winter/Summer Term 2011	Jan. 5, 2011 July 5, 2011
Summer Term 2011	May 2, 2011 July 29, 2011
Registration and Withdrawal Dates	
Fall Term 2010 (including full courses)	Refer to Section 3 for registration & withdrawal dates
Winter Term 2011	Refer to Section 3 for registration & withdrawal dates

Winter/Summer Term 2011		
Registration and Revision period	Jan. 5, 2011	Jan. 18, 2011
Last date for Voluntary Withdrawal	June 8, 2011	
Summer Term 2011		
Registration and Revision period	May 2, 2011	May 13, 2011
Last date for Voluntary Withdrawal	July 8, 2011	
Application to write examinations at a location other than the University of Manitoba		
Fall term 2010	First working day of October	
Fall/Winter and Winter term 2011	First working day of February	
Winter/Summer term 2011	First working day of May	
Summer term 2011	First working day of June	
Examination and Test Dates		
Fall Term 2010	Refer to Section 6 for examination and test dates	
Winter Term 2011	Refer to Section 6 for examination and test dates	
Winter/Summer term 2011	July 6, 2011	July 8, 2011
Summer Term 2011	Aug. 2, 2011	Aug. 8, 2011

Section 12: Summer Session 2010

Start and End Dates

For more detailed information, please consult the Summer Session Calendar available from the Summer Session Office, 166 Extended Education Complex. The Summer Session Calendar is available on-line at umanitoba.ca/summer.

May Day, June Day, May-June Day	Start	End
Classes	May 3, 2010	June 22, 2010
Examinations		
May Day	May 28, 2010	May 29, 2010
June Day & May-June Day	June 24, 2010	June 25, 2010
May-June Eve, June-Aug. Eve, May-Aug. Eve		
Classes	May 3, 2010	Aug. 5, 2010
Examinations		
May-June Eve	June 18, 2010	June 19, 2010
June-Aug Eve & May-Aug Eve	Aug. 6, 2010	Aug. 7, 2010
July Day, Aug. Day, July-Aug. Day		
Classes	June 28, 2010	Aug. 19, 2010
Examinations		
July Day	July 24, 2010	July 26, 2010
Aug. Day & July-Aug. Day	Aug. 21, 2010	Aug. 23, 2010
Other		
Nursing Summer Term	April 26, 2010	July 28, 2010
Occupational Therapy Year 1 Summer Term		
Intermediate Fieldwork 1	May 3, 2010	June 25, 2010
Occupational Therapy Year 2 Summer Term		
Advanced Fieldwork	June 28, 2010	must end by (flexible start date) Sept. 10, 2010
Physical Therapy Summer Term	variable; depend on clinical placements	

Section 13: Summer Session 2011

Class Start Dates	
Nursing summer term begins	April 25, 2011
Summer Session Start Date	May 2, 2011
Occupational Therapy Year 1 Summer Term	
Intermediate Fieldwork 1	May 2, 2011 - June 24, 2011
Occupational Therapy Year 2 Summer Term	
Advanced Fieldwork	June 27, 2011 - must end by flex. start date Sept. 16, 2011
Physical Therapy Summer Term	variable; depend on clinical placements

The other summer session dates are not available yet.

Section 14: Faculty of Graduate Studies Submission Dates for 2010-2011

For reports on theses/practica (and the corrected 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. 26, 2010

For receipt, in Graduate Studies Office, of Ph.D. theses (for distribution) from graduate students expecting to graduate in February

Oct. 5, 2010

For distribution of Master's theses/practica (to examining committee) by students expecting to graduate in February

Oct. 18, 2010

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

Jan. 4, 2011

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

Jan. 17, 2011

For distribution of Master's theses/practica (to examining committee) by students expecting to graduate in May

Jan. 24, 2011

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

April 6, 2011

For receipt, by the Faculty of Graduate Studies, of Annual Progress Reports for Master's and Ph.D. students

June 14, 2011

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

June 13, 2011

For distribution of Master's theses/practica (to examining committee) by students expecting to graduate in October

June 20, 2011

Dec. 3, 2009

FOR INFORMATION ONLY



UNIVERSITY
OF MANITOBA

Board of Governors Submission

AGENDA ITEM: Implementation of Dental Hygiene Degree Completion Program

RECOMMENDED RESOLUTION:

For information only.

Action Requested: Approval Discussion/Advice Information

CONTEXT AND BACKGROUND:

The Dental Hygiene Degree Completion Program was approved by the Board of Governors on June 16, 2009 and the Council on Post-Secondary Education (COPSE) on October 8, 2009. The Vice-President (Academic) and Provost has authorized the implementation of this program in January 2010.

RESOURCE REQUIREMENTS:

Funding will be provided by the Faculty of Dentistry.

IMPLICATIONS:

N/A

ALTERNATIVES:

N/A



Board of Governors Submission

Routing to the Board of Governors:

<u>Reviewed</u>	<u>Recommended</u>	<u>By</u>	<u>Date</u>
x	<input type="checkbox"/>	Senate Executive	November 18, 2009
x	<input type="checkbox"/>	Senate	December 2, 2009
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
		Senate	

Submission prepared by:

Submission approved by: University Secretary

Attachments

- Correspondence from Vice-President (Academic) and Provost



UNIVERSITY
OF MANITOBA

Office of the
Vice-President (Academic) & Provost

208 Administration Building
Winnipeg, Manitoba
Canada R3T 2N2
Telephone (204) 480-1408
Fax (204) 275-1160

October 23, 2009

TO: Tony Iacopino, Dean, Faculty of Dentistry
FROM: Joanne C. Keselman, Vice-President (Academic) & Provost
SUBJECT: Dental Hygiene Degree Completion Program

At its meeting on 8 October, the COPSE Council approved our proposed Dental Hygiene Degree Completion program. On behalf of the University, I extend sincere congratulations to you and your colleagues!

On 3 September 2009, Salme Lavigne sent me by email a paper entitled, "Resource Plan for the Delivery of the Bachelor of Science in Dental Hygiene Degree Completion Program", a copy of which I attach for your reference. On the basis of that plan, I authorize implementation of the new program in January 2010.

Encl

cc Salme Lavigne, Director, School of Dental Hygiene
Richard Lobdell, Vice-Provost (Programs)
✓ Jeff Leclerc, University Secretary
Neil Marnoch, Registrar



AGENDA ITEM: Statement of Intent: Joint Honours Degree in Computer Science and Statistics

RECOMMENDED RESOLUTION:

For information only.

Action Requested: Approval Discussion/Advice Information

CONTEXT AND BACKGROUND:

Currently the Statistics Department produces many fine graduates but with a limited amount of programming and other computer science skills. The Computer Science Department produces fine graduates in Computer Science lacking the inferential and probabilistic skills. This program would produce individuals with both sets of skills. This kind of individual is needed in today's markets to handle the predication and analysis of the huge amounts of data produced by government, education and other institutions, and large corporations.

COPSE has authorized the development of a full proposal, which will be considered in due course.

RESOURCE REQUIREMENTS:

There will be no resource implications as all courses in the proposed program currently exist.

IMPLICATIONS:

The program objective is to develop statisticians capable of handling the computer science problems that come with handling large volumes of data stored in or produced by the computer. All levels of government, educational institutions, survey companies, polling companies, marketing companies all need many such individuals. These people are also vital in community health programs and in epidemiology studies.

ALTERNATIVES:

N/A



Board of Governors Submission

Routing to the Board of Governors:

<u>Reviewed</u>	<u>Recommended</u>	<u>By</u>	<u>Date</u>
x	<input type="checkbox"/>	Faculty of Science	September 18, 2009
x	<input type="checkbox"/>	Senate Executive	November 18, 2009
x	<input type="checkbox"/>	Senate	December 2, 2009
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
		Senate	

Submission prepared by:

Submission approved by: University Secretary.

Attachments

- Statement of Intent

STATEMENT OF INTENT

Institution

x Brandon University University of Manitoba University of Winnipeg Collège universitaire de Saint-Boniface	Assiniboine Community College University Collège of the North Red River College
--	---

Program Overview

Program Name: Joint Computer Science and Statistical Honours Programme

Credential to be offered: B.Sc.(Hons)

Does the program require accreditation from a licencing group? YES x NO
 If yes, name group

Length of the program: _____ 4 Years; 4 Years 4 months with Coop Option

Proposed program start date: 01 / 09 / 10
 Day/Month/Year

Which department(s) within the institution will have responsibility for the program?
 Computer Science, Statistics

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

Is this a new program? x YES NO

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

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

Will this program have a cooperative education component? x YES NO
 If YES, how long with the field placement be? It is optional but if taken it will be three 4-month workterms.

Will the program contain an option to assess the prior learning of students, to grant credit for the skills/knowledge already present? x YES NO
 Provide Details
 Courses in both Statistics and Computer Science from other institutions are already subject to articulation

Will there be distance delivery options? some NO
 Provide Details
 A few courses in Computer Science and Statistics are offered by Distance Education.

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)

What articulation, block transfer or credit transfer arrangements will you be looking at developing for this program?
 Just what is offered or will be offered by Distance Education

Specific Program Information

1. Program Description

Describe the program and its objectives:

The program objective is to develop statisticians capable of handling the computer science problems that come with handling large reams of data stored in or produced by the computer.

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

The student will get enough of the Statistics Department's course to be accredited by the Statistical Association of Canada and enough of the accredited Computer Science courses to have a good grounding in Computer Science basics to handle advanced algorithms, data mining or bio-theoretic techniques.

2. Enrollment

What is the program's initial projected enrollment? 5

What is the projected enrollment for the 2nd and 3rd years? 9, 13

Describe the expected student profile?

In addition to having strong analytical and problem solving skills, students are expected to have a strong interest in Computer Science, Statistics and Probability.

3. Labour Market Information

What labour market need is the program expected to meet?

Currently the Statistics Department produces many fine graduates but with a limited amount of programming and other computer science skills. The Computer Science Department produces fine graduates in computer Science skill but lacking the inferential and probabilistic skills. This programme would produce individuals with both sets of skills. This kind of individual is needed in today markets to handle the predication and analysis of the huge amounts of data produced by government, education and other institutions, and large corporations

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

If yes, where (geographic location and industry)?

All levels of government, educational institutions, survey companies, polling companies, marketing companies all need many such individuals. These people are also vital in community health programs and in epidemiology studies. Most of these jobs would be in Winnipeg with some in Brandon.

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

excellent

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

Accurate forecasts are needed for people to decide what are our economic, social and other priorities. Any company wishing to meet future goals need these kind of people to tell them what the future will probably be. This is as true about Manitoba as the rest of Canada or the rest of the world.

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

Department of Statistics, Department of Computer Science, Statistical Society of Canada, Canada's Association of Information Technology, The computer Science Industrial Liaison Committee and the Coop Director in the Dept. of Computer Science.

Is there any other information relevant to this program ? NO

4. Financial Information

Projected Program Costs: \$0 Salary \$0

Submitted by:

Xikui Wang, Ph.D.

Name (print)

Professor and Associate Head, Chair of the Undergraduate Committee

Position



Signature

October 9, 2009

Date