

**UNIVERSITY OF MINNESOTA**

**BOARD OF REGENTS**

**Academic and Student Affairs Committee**

**Thursday, October 10, 2013**

**2:45 - 4:45 p.m.**

**600 McNamara Alumni Center, East Committee Room**

**Committee Members**

Patricia Simmons, Chair

Linda Cohen, Vice Chair

Thomas Devine

David Larson

Peggy Lucas

Abdul Omari

**Student Representatives**

Meghan Mason

Joelle Stangler

**AGENDA**

1. Visioning Discussion on Fulfilling the Academic Mission of the University - K. Hanson (pp. 2-3)
2. System-ness: Realizing the Goal of One University with Five Campuses - K. Hanson/L. Black/J. Johnson/S. Lehmkuhle/F. Wood (pp. 4-5)
3. Consent Report - Review/Action - K. Hanson (pp. 6-10)



**UNIVERSITY OF MINNESOTA  
BOARD OF REGENTS**

**Academic and Student Affairs Committee**

**October 10, 2013**

**Agenda Item:** Visioning Discussion on Fulfilling the Academic Mission of the University

review       review/action       action       discussion

**Presenters:** Senior Vice President/Provost Karen Hanson

**Purpose:**

policy       background/context       oversight       strategic positioning

As University leaders embark on strategic planning related to education and research, they seek direction from the Board and discussion about its long-term academic vision for the University.

**Outline of Key Points/Policy Issues:**

The Provost will invite the committee to discuss the following questions that could help inform and shape the strategic planning agenda for the Twin Cities campus.

- What is our vision for undergraduate residential education in the 21<sup>st</sup> century?
- How does the University incorporate new teaching technologies and new modes of delivery and access, while maintaining its educational tradition and identity?
- How does the University prepare for anticipated state demographic shifts?
- How does the University continue to diversify its student enrollment, staff, and faculty?
- How does the University ensure a continued pipeline of well-prepared students in light of an anticipated decline in the number of graduating high school students?
- How does the University continue to support its graduate and research missions given declining federal support?
- How does the University continue to enhance its national and global reputation?
- What are the University's most crucial academic responsibilities to the state of Minnesota?
- What values must guide our academic decisions?

**Background Information:**

Strategic Planning Update, Board of Regents meeting, September 13, 2013.



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**Academic and Student Affairs Committee**

**October 10, 2013**

**Agenda Item:** System-ness: Realizing the Goal of One University with Five Campuses

review       review/action       action       discussion

**Presenters:** Senior Vice President/Provost Karen Hanson  
Lendley Black, Chancellor, University of Minnesota, Duluth  
Jacqueline Johnson, Chancellor, University of Minnesota, Morris  
Stephen Lehmkuhle, Chancellor, University of Minnesota, Rochester  
Fred Wood, Chancellor, University of Minnesota, Crookston

**Purpose:**

policy       background/context       oversight       strategic positioning

Each University of Minnesota campus has a distinctive history, vision, and strategy for contributing to the University's excellence in ways that best serve its students, the region, the state, our nation and globe, and that are consistent with each campus's unique mission. Together, our five campuses at Crookston, Duluth, Morris, Rochester, and the Twin Cities offer a rich variety of academic units, degree programs, and research and outreach programs that are essential components of the University of Minnesota system.

The productivity and excellence of a multi-campus system is linked to the diversity of its institutions. Together, leaders at the University of Minnesota are shaping an organizational structure to leverage areas of strength across the campuses and provide a sound platform to meet the University's objectives across the state: vibrant teaching and learning experiences, increased access and greater diversity, excellence in innovation and discovery, and enhanced overall impact and reputation.

**Outline of Key Points/Policy Issues:**

The following principles have been identified as those that drive excellence, productivity, efficiency and effectiveness related to the University of Minnesota's multi-campus system:

- (1) A multi-campus system is enhanced when each campus has identifiable areas of excellence;
- (2) A multi-campus system is enhanced when there is a system-wide commitment and capacity to leverage the strengths of each campus for the benefit of each campus, of other campuses, and of the system as a whole; and
- (3) A multi-campus system is enhanced when it maintains appropriate coherence in its technological and administrative infrastructure.

At the committee meeting, the Provost and Chancellors will engage in a panel discussion with the Regents regarding related policy issues at the U of M and nationally.

Policy questions will include:

- (1) How do we effectively reconcile any tension between being one University of Minnesota versus five campuses? When are we one (the University of Minnesota)? When are we many (UMC, UMD, UMM, UMR, and UMTC)?
- (2) How do we understand and articulate the distinctiveness – the distinctive mission – of each campus?
- (3) How does place and geographic dispersion support or compromise our ability to fully leverage and align academic priorities, centralized services, and operational excellence to the benefit of our students, our faculty and staff, and our region?



**UNIVERSITY OF MINNESOTA  
BOARD OF REGENTS**

**Academic and Student Affairs Committee**

**October 10, 2013**

**Agenda Item:** Consent Report

review       review/action       action       discussion

**Presenters:** Senior Vice President/Provost Karen Hanson

**Purpose:**

policy       background/context       oversight       strategic positioning

To seek Board approval of new academic programs and program additions, program deletions and discontinuations, and/or program changes, as outlined below.

**Outline of Key Points/Policy Issues:**

**I. Request for Approval of New Academic Programs**

- College of Science and Engineering (Twin Cities campus)—Create M.S. degree in Medical Device Innovation.
- Swenson College of Science and Engineering (Duluth campus)—Create undergraduate minor in Electrical Engineering.

**II. Request for Approval of Changed Academic Programs**

- College of Dentistry (Twin Cities campus)—Change the degree objective from Master of Dental Hygiene (M.D.H) to a Master of Science in Dental Hygiene (Dental Hygiene M.S.) and deliver the Education track of the M.S. online.
- College of Continuing Education (Twin Cities campus)—Discontinue sub-plans in the Addiction Studies Post-Baccalaureate certificate.
- Crookston campus—Offer the B.S. degree in Sport and Recreation Management online.
- Crookston campus—Offer the B.M.M. degree in Manufacturing Management online.

**III. Request for Approval of Discontinued Academic Programs**

- College of Food, Agricultural and Natural Resource Sciences (Twin Cities campus)—Discontinue the B.S. degree in Applied Plant Science
- College of Food, Agricultural and Natural Resource Sciences (Twin Cities campus)—Discontinue the B.S. degree in Horticulture

**Background Information:**

This report appears as a regular item on the Academic and Student Affairs Committee agenda. Academic program proposal review and approval is governed by University of Minnesota Policy 2.2.4: Review of Proposals for New, Changed, and Discontinued Academic Programs. Approval by the Board of Regents is required for the establishment of new academic programs; addition of formal tracks and of new sites for existing academic programs; discontinuance/merger of existing programs; and changes in program titles/degree designation.

**President's Recommendation for Action:**

The President recommends approval of the academic program proposals detailed in the Consent Report.

**University of Minnesota Board of Regents  
Academic and Student Affairs Committee  
October 10, 2013**

**Consent Report**

**I. Request for Approval of New Academic Programs**

- **College of Science and Engineering (Twin Cities campus)— Create M.S. degree in Medical Device Innovation**

The College of Science and Engineering on the Twin Cities campus requests approval to create a Master of Science (M.S.) degree in Medical Device Innovation, effective Summer 2014. The proposed program is an interdisciplinary degree, administered by the Technology Leadership Institute within the College of Science and Engineering. This program will provide students with a systemic understanding of medical device innovation dynamics. The proposed program will leverage and enhance Minnesota's position as an international leader in the development and commercialization of medical devices, while educating students to join the local and regional workforce upon completion of this degree. The program will allow students to develop specific scientific and technological capabilities, while acquiring management and leadership skills. The proposed program makes use of existing faculty, courses and departmental resources.

- **Swenson College of Science and Engineering (Duluth campus)— Create undergraduate minor in Electrical Engineering**

The Swenson College of Science and Engineering on the Duluth campus requests permission to create an undergraduate minor in Electrical Engineering, effective Spring 2014. The proposed program will provide students with basic knowledge and skills in analyzing and designing electrical systems. It will also prepare students for both public and private sector employment. The proposed program makes use of existing faculty, courses and departmental resources.

**II. Request for Changes to Academic Programs**

- **School of Dentistry (Twin Cities campus)—Change the degree objective from Master of Dental Hygiene (M.D.H) degree to a Master of Science in Dental Hygiene (M.S.D.H.) degree and deliver the Education track online.**

The School of Dentistry on the Twin Cities campus requests permission to change the degree objective from a Master of Dental Hygiene (M.D.H.) to a Master of Science in Dental Hygiene (M.S.D.H.) degree, effective Spring 2014. This change better reflects the academic orientation of an M.S. program, compared to the clinical nature of most M.D.H. programs. Since this program does not contain any aspects of clinical education, this is a more appropriate degree objective. The M.S.D.H. will offer an Education track and Management track. The Education track will be offered under the Plan A (with thesis)

option only; the Management track will be offered under the Plan A and Plan C (coursework only) options. The proposal also requests permission to deliver the Education track of the program online. This option will increase access to the program and will allow students to complete the degree in a timely manner.

- **College of Continuing Education (Twin Cities campus)—Discontinue sub-plans in the Addiction Studies Post-Baccalaureate certificate.**

The College of Continuing Education on the Twin Cities campus requests permission to discontinue the Public Health and Service Provider sub-plans within the Post-Baccalaureate degree in Addiction Studies, effecting Spring 2014. The sub-plan distinctions no longer reflect the most current licensure requirements. The coursework for this program has been appropriately adjusted to meet the new requirements.

- **Crookston campus—Offer the B.S. degree in Sport and Recreation Management online.**

The Crookston campus requests permission to offer the Bachelor of Science (B.S.) degree in Sport and Recreational Management online, effective Spring 2014. The online format will increase access to the program and will allow students to complete the degree in a timely manner. Online delivery of the degree will be supported by the campus' existing elearning support and resources.

- **Crookston campus—Offer the B.M.M. degree in Manufacturing Management online.**

The Crookston campus requests permission to offer the Bachelor of Manufacturing Management (B.M.M.) degree online, effective Spring 2014. The online format will increase access to the program and will allow students to complete the degree in a timely manner. Online delivery of the degree will be supported by the campus' existing elearning support and resources.

### **III. Request for Approval of Discontinued Academic Programs**

- **College of Food, Agricultural and Natural Resource Sciences (Twin Cities campus)—Discontinue the B.S. degree in Applied Plant Science**

The College of Food, Agricultural and Natural Resource Sciences on the Twin Cities campus requests approval to discontinue the Bachelor of Science (B.S.) degree in Applied Plant Science, effective Fall 2013. This program was replaced by new B.S. degrees in Plant Science and Food Systems approved by the Board of Regents at the May 2013 meeting.

- **College of Food, Agricultural and Natural Resource Sciences (Twin Cities campus)—Discontinue the B.S. degree in Horticulture**

The College of Food, Agricultural and Natural Resource Sciences on the Twin Cities campus requests approval to discontinue the Bachelor of Science (B.S.) degree in Horticulture, effective Fall 2013. This program was replaced by new B.S. degrees in Plant Science and Food Systems approved by the Board of Regents at the May 2013 meeting.