UNIVERSITY OF MINNESOTA
BOARD OF REGENTS
Educational Planning & Policy Committee
Thursday, December 10, 2009
3:00 p.m. - 5:00 p.m.
600 McNamara Alumni Center, East Committee Room

Committee Members
Patricia Simmons, Chair
Maureen Ramirez, Vice Chair
Richard Beeson
Linda Cohen
John Frobenius
David Larson

Student Representatives
Christina Brakken-Thal
Megan Hines

A G E N D A

1. Board of Regents Policy: Openness in Research - Review - T. Mulcahy (pp. 2-5)
2. Focus on Undergraduate Education - T. Sullivan/R. McMaster (pp. 6-9)
4. Information Items - T. Sullivan (p. 15)
Educational Planning and Policy Committee

December 10, 2009

Agenda Item: Board of Regents Policy: Openness in Research

☒ review ☐ review/action ☐ action ☐ discussion

Presenters: Vice President Timothy Mulcahy

Purpose:

☒ policy ☐ background/context ☐ oversight ☐ strategic positioning

Board of Regents Policy: Openness in Research is presented for review as part of the Board’s ongoing policy review process.

Outline of Key Points/Policy Issues:

In order to better align Board of Regents Policy: Openness in Research with Board of Regents Policy: Mission Statement, the wording in Section III has been altered slightly.

Background Information:

As a part of the Board’s ongoing policy review process, the Office of the Vice President for Research was asked to review Board of Regents Policy: Openness in Research and to consider the following:

1) Review language in Section III related to the University’s mission statement.
2) Review policy in light of recent federal regulatory requirements.

After careful consideration and consultation with the Office of the General Counsel, it was determined that only minor changes are necessary in Section III. These changes do not affect the substance of the current policy, which already is consistent with the University’s mission statement.

President’s Recommendation for Action:

The President recommends approval of proposed amendments to Board of Regents Policy: Openness in Research.
OPENNESS IN RESEARCH

SECTION I. SCOPE.

This policy applies to research conducted at the University of Minnesota (University) by University faculty, staff, students, visiting researchers, and volunteers, except as provided in Section II.

SECTION II. EXCLUSIONS.

This policy shall not apply when:

(a) the research is performed by faculty members on leave from the University or serving as consultants; or

(b) the research involves services performed as an external sale, provided that the results of such services either may be published freely in the aggregate or may be used to guide the design of broader research activities.

SECTION III. GUIDING PRINCIPLES.

The mission of the University is to generate and disseminate knowledge. Essential to this mission are the fundamental principles of open scholarly exchange and academic freedom. In carrying out its mission of research and discovery, the University strives to sustain an open exchange of ideas in an environment that embodies the values of academic freedom and responsibility. Absent compelling reasons, the University shall not accept restrictions on participation in University research or on the dissemination of the results of University research. The University cooperates with research sponsors in the orderly publication of research results, subject to appropriate restrictions on the use of publications or of the University’s name for commercial purposes.

SECTION IV. ACCEPTANCE OF RESEARCH AGREEMENTS.

The following provisions shall govern the acceptance of research grants and contracts by the University:
Subd. 1. Disclosure of the Research Relationship. The University shall not accept support from any source for research under a contract or grant that prohibits the disclosure of:

(a) the existence of the contract or grant;

(b) the identity of the sponsor or the grantor and, if a subcontract is involved, the identity of the prime contractor if the results of the research must be reported to the sponsor, grantor, or prime contractor; and

(c) the purpose and scope of the proposed research in sufficient detail (i) to permit informal discussion concerning the wisdom of such research within the University and (ii) to inform colleagues in immediate and related disciplines of the nature and importance of the potential contribution to the disciplines involved.

Subd. 2. Open Dissemination of Research Results. The University shall not accept support for any research under a contract or grant if the contract or grant limits the full and prompt public dissemination of results or specifically permits the retroactive classification of results as nonpublic, except for reasons found compelling through a review process specified in administrative procedures.

Subd. 3. Retroactive Restrictions on Research Results. If a sponsor imposes restrictions on the disclosure of research results after the research has begun, the University shall reevaluate whether to continue the work. In the reevaluation, the University shall apply the provisions of this policy and a review process specified in administrative procedures.

Subd. 4. Use of Facilities. University facilities shall not be available for research that violates this policy. Any exceptions shall be considered through a review process specified in administrative procedures.

SECTION V. PUBLICATION.

The following provisions shall govern the publication of research results:
Subd. 1. University’s Right to Publish. The University reserves the right to publish and present research results, individually and in collaboration with other researchers. When a research sponsor requests prior review, the University shall provide an opportunity for review of the manuscript or presentation materials and will consider suggested modifications prior to publication.

Subd. 2. Attribution. Publications by the University shall properly acknowledge the financial support and other contributions of research sponsors.

Subd. 3. Brand and Trade Names. Publication and presentation of research results by either the University or the sponsor shall not include commercial brands or trade names unless such brand or trade name is essential to the description of the research.

Subd. 4. Publicity. Research grants and contracts may provide that University researchers must obtain prior written approval from the sponsor for any prepublication publicity regarding the research results.

Subd. 5. Authorization for Research Sponsor to Publish. If the University elects not to publish research results, the research sponsor may publish them with the University’s consent, which shall not be unreasonably denied.

SECTION VI. USE OF UNIVERSITY NAME.

The name of the University shall not be used in any way by research sponsors for advertising purposes.

SECTION VII. DELEGATION OF AUTHORITY.

The president or delegate is authorized to adopt and amend administrative policy and procedures to ensure implementation of this policy.
Educational Planning and Policy Committee December 10, 2009

Agenda Item: Focus on Undergraduate Education

☐ review ☐ review/action ☐ action ☒ discussion

Presenters: Senior Vice President/Provost Thomas Sullivan
Vice Provost/Dean of Undergraduate Education Robert McMaster

Purpose:

☐ policy ☐ background/context ☐ oversight ☒ strategic positioning

To report on the status of strategic positioning undergraduate initiatives and ongoing efforts to improve graduation and retention rates and enhance student outcomes.

Outline of Key Points/Policy Issues:

Recent progress on these undergraduate initiatives has been substantial and is critical to advancing the strategic positioning action strategy that calls for the University to “recruit, educate, challenge, and graduate outstanding students.” This report focuses on the substantial progress made since last year’s report in December 2008.

Background Information:

March 2007 report: Transforming the Undergraduate Experience: Strategic Positioning Initiatives

December 2008 report: Update: Undergraduate Academic Initiatives
The University of Minnesota’s strategic positioning action strategy calls for the University to **recruit, educate, support, challenge and graduate outstanding students**. Our goal is to provide a world-class educational experience for undergraduate students in the context of a comprehensive research university.

The Office of Undergraduate Education (OUE) has the tripartite goal of attracting the very best students to the University, providing them with a world-class education, and graduating them in a timely way. The OUE is responsible for all aspects of the undergraduate experience, including recruiting and admitting freshmen and transfer students, orienting students in their transition to the University, improving the overall undergraduate experience through better advising and student support services, developing a more challenging and integrated curriculum, and supporting special opportunities for students, leading to the ultimate goal of timely graduation. Our plan includes continued improvement in all areas of undergraduate education, with the goal of achieving a 60% four-year graduation rate in 2012, for the freshmen class that entered fall 2008.

Our specific objectives in support of strategic positioning strategies include:

- Make the University of Minnesota a destination of choice for students who reflect the diversity of our community and world and who are sought after because of their unique talents, skills, and experiences.
- Educate, challenge, and support all of our students to assume positions of leadership in the community, state, nation, and world.
- Provide our students with the most advanced, sophisticated, and comprehensive technological tools to enhance their learning experience.
- Globalize our students’ experience by recruiting students from around the world, and by providing an education that prepares students to become global citizens and leaders.

The most significant indicators of the success of the various undergraduate initiatives are our graduation rates. The four-year graduation rate for the Twin Cities campus has increased from 15.2% in 1996 to 46.7% in 2008. Over the same time period, the five-year rate went from 38.1% to 66.24%, and the six-year rate from 43.5% to 68.6%. A critical part of improving graduation rates is to improve first-year retention rates, and we have made steady progress, going from 84.4% retention for freshmen who began fall 2000 to 90.7% for those who began fall 2008.

Our progress is noteworthy, but we still have some distance to go to reach our goal of a 60% four-year graduation rate in 2012. Our initiatives will be targeted toward reaching that goal, with a clear focus on students and their success.
Another indicator of progress is that applications to our Twin Cities undergraduate colleges have increased substantially over the past several years:

<table>
<thead>
<tr>
<th>Twin Cities Campus</th>
<th>Freshmen enrollment</th>
<th>Total undergraduate enrollment</th>
<th>Freshman applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2009</td>
<td>5,400</td>
<td>29,921</td>
<td>33,912</td>
</tr>
<tr>
<td>Fall 2008</td>
<td>5,106</td>
<td>28,505</td>
<td>29,173</td>
</tr>
<tr>
<td>Fall 2007</td>
<td>5,280</td>
<td>28,703</td>
<td>26,095</td>
</tr>
<tr>
<td>Fall 2006</td>
<td>5,439</td>
<td>28,645</td>
<td>24,658</td>
</tr>
</tbody>
</table>

The academic preparation of our freshmen as measured by high school rank and ACT test scores has improved markedly:

<table>
<thead>
<tr>
<th></th>
<th>Top 10% of High School Class</th>
<th>Average ACT Composite Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2009</td>
<td>43.2%</td>
<td>26.6</td>
</tr>
<tr>
<td>Fall 2008</td>
<td>44.8%</td>
<td>26.2</td>
</tr>
<tr>
<td>Fall 2007</td>
<td>43.9%</td>
<td>25.9</td>
</tr>
<tr>
<td>Fall 2003</td>
<td>33.1%</td>
<td>24.8</td>
</tr>
</tbody>
</table>

As part of strategic positioning, the Honors Task Force recommended that the University create a dynamic, unified University Honors Program (UHP) that would attract a greater range of diverse and talented students. The new UHP has attracted excellent students. Our first cohort of 611 honors freshmen in fall 2008 had an average ACT composite score of 31; 96% were in the top 10% of their high school graduating class. Sixty-three percent of them were from Minnesota, and 13.6% were students of color. This fall, we brought in our second cohort of 578 honors freshmen, with an average ACT of 31.3 and 94% in the top 10% of their high school graduating class. Sixty-one percent of these students were from Minnesota, and 16% were students of color.

Many promising students need financial assistance to achieve their educational goals. We want to ensure that all students who come to the University prepared to learn and motivated to succeed will be able to afford their college education. In 2008-09, undergraduates on all U of M campuses received over $145 million in grants and scholarships, half of that from U of M sources, including private gifts.

In the fall of 2005, the University began its Founders Free Tuition Program, which guaranteed grant and gift assistance at least equal to tuition and required fees for students who are Minnesota residents and are eligible for federal Pell grants. In 2008-09, there were 6,036 such Twin Cities students. Starting with fall 2009, the University expanded its commitment to making our world-class education accessible to Minnesota families. With the University of Minnesota Promise Scholarship (U Promise), our need-based programs have expanded to guarantee tuition aid for Minnesota resident undergraduates with a family income of up to $100,000. Under the U Promise program, eligible Minnesota resident undergraduate students will receive either

- a U Promise Free Tuition Scholarship (previously named the Founders Free Tuition Program) that ensures 100 percent of their tuition and fees are covered, if they are
eligible for a Federal Pell Grant and their state and federal gift aid do not cover the full cost of University tuition and fees

OR

• a U Promise Middle Income Scholarship worth up to $1,750, if they are not eligible for a Federal Pell Grant but their family's income is less than $100,000

We continue to invest in academic advising, enhanced technology, curricular improvements, and support programs for our students, to support student success. Selected ongoing activities and new initiatives directed toward improving retention and graduation rates include:

• Enhanced First-Year Programs, including **Orientation** for freshmen and transfer students, and an intensive **Welcome Week** for over 5,000 new freshmen participating.
• First-year programs have included a focus on **fiscal literacy**, to help students learn how to manage their finances, including the wise use of student loans.
• The **Freshman Seminar** program, with about 1,500 freshmen enrolling in freshman seminars each academic year.
• The **Access to Success Program** provides intensive advising, peer mentoring, and networking opportunities to assist those students whose experiences and high school records indicate potential for success, but whose high school rank and test scores may not meet our typical student profile.
• The **SMART Learning Commons**, on the East Bank, West Bank, and St. Paul campus, where experienced students serve as facilitators with other students.
• The **McNamara Academic Center for Intercollegiate Athletics** (MAC), which provides advising for approximately 750 student-athletes and assists with admissions of athletes, certification, and tutoring.
• **CAPE**, the **Center for Academic Planning and Exploration**, a new advising center designed to help undecided students and students in transition make progress toward a degree program and future career directions, will begin serving students December 2009.
• The **First Year Writing Program**, started fall 2007, to help students become successful college writers. With a focus on learning outcomes that include research-based writing, writing and revising, digital technology, and library research, writing classes average 22 students and provide close contact with instructors.
• Now in its third year, the **Writing-Enriched Curriculum** Project is piloting a process to infuse writing instruction into the undergraduate curriculum and is currently being implemented in fifteen academic units.
• The new **University Honors Program** (UHP) has helped the University to recruit a more diverse pool of high-achieving students from across the state, the country, and throughout the world. The new UHP has a faculty director, a new curriculum and a set of honors experiences, and a new advising staff and model of advising.
• Applications for the **Undergraduate Research Opportunity Program** (UROP) continue to grow each year. In 2006-07, 589 students received UROP awards, and in 2008-09 we funded 650 UROP projects, enabling each student to work one-on-one with a faculty member on a focused research project.
• The new **Liberal Education Curriculum requirements** will take effect fall 2010. The new Council for Liberal Education is now in a phase of recertification of the entire undergraduate curriculum, for full implementation by fall 2010.
Educational Planning and Policy Committee  December 10, 2009

Agenda Item:  Consent Report

☐ review  ☒ review/action  ☐ action  ☐ discussion

Presenters:  Senior Vice President/Provost Thomas Sullivan

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

- Swenson College of Science and Engineering (Duluth Campus) – Create Master of Engineering degree

- Medical School – Create fellowship in Pediatric Radiology

- Medical School – Create fellowship in Nuclear Radiology

- School of Nursing (Twin Cities Campus) – Create postdoctoral certificates in Adult Health/Gerontological Clinical Nurse Specialist; Adult Health/Gerontological Nurse Practitioner; Adult Health/Women's Health Care Nurse Practitioner; Family Nurse Practitioner; Informatics; Integrative Health and Healing; Nurse Anesthesia; Nurse Midwifery; Healthcare Innovation and Leadership; Pediatric Clinical Nurse Specialist; Pediatric Nurse Practitioner; Psychiatric Mental Health Clinical Nurse Specialist; Public Health Nursing; and Public Health Nursing - Adolescent Nursing
II. Request for Approval of Changed Academic Programs

- College of Food, Agricultural and Natural Resource Sciences (Twin Cities Campus) – Change name of Nutrition and Dietetics track to Didactic Program in Dietetics track within the B.S. degree in Nutrition

- College of Food, Agricultural and Natural Resource Sciences and College of Continuing Education (Twin Cities Campus) – Change name of B.S. degree in Bio-Based Products to Bioproducts Marketing and Management and change name of track from Bio-Based Products Marketing and Management to Marketing and Management

- Crookston Campus – Change name of B.S. degree in Computer Software Technology to Software Engineering

- School of Nursing (Twin Cities Campus) – Create the following tracks in the D.N.P. degree: Adult Health/Gerontological Clinical Nurse Specialist; Adult Health/Gerontological Nurse Practitioner; Adult Health/Women's Health Care Nurse Practitioner; Family Nurse Practitioner; Informatics; Integrative Health and Healing; Nurse Anesthesia; Nurse Midwifery; Healthcare Innovation and Leadership; Pediatric Clinical Nurse Specialist; Pediatric Nurse Practitioner; Psychiatric Mental Health Clinical Nurse Specialist; Public Health Nursing; and Public Health Nursing - Adolescent Nursing

- Graduate School – Clarification of discontinued M.A. degree in Italian Studies

III. Request for Academic Unit Name Change

- Institute of Technology – Change unit name to the College of Science and Engineering

Background Information:

This report appears as a regular item on the Educational Planning and Policy 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.
I. Request for Approval of New Academic Programs

- Swenson College of Science and Engineering (Duluth Campus)—Create Master of Engineering degree

  The Swenson College of Science and Engineering on the Duluth campus requests approval to create a Master of Engineering (M.Eng.) degree, effective spring semester 2010. The program will be a professional degree addressing regional needs and focusing on the development of competencies in the areas of engineering design, problem solving, and practice.

- Medical School—Create fellowship in Pediatric Radiology

  The Medical School requests approval to create a fellowship in Pediatric Radiology, effective summer 2010. The program will provide fellows with an organized, comprehensive, and supervised full-time education experience in the selection, interpretation, and performance of pediatric radiological examinations and procedures.

- Medical School—Create fellowship in Nuclear Radiology

  The Medical School requests approval to create a fellowship in Nuclear Radiology, effective summer 2010. The program will train fellows to interpret and perform all clinical nuclear radiology procedures, run a nuclear pharmacy, and participate in clinical research trials.

The School of Nursing on the Twin Cities campus requests approval to create postdoctoral certificates in the above-named specialties, effective spring semester 2010. The certificates will serve students who have graduated previously with a Doctor of Nurse Practitioner (D.N.P.) degree and would like to add a second specialty. Recognition of the specialty on an official transcript is necessary for individuals to sit for national certification in various nursing specialties.

II. Request for Approval of Changed Academic Programs

College of Food, Agricultural, and Natural Resource Sciences (Twin Cities Campus)—Change name of Nutrition and Dietetics track to Didactic Program in Dietetics track within the B.S. degree in Nutrition

The College of Food, Agricultural, and Natural Resource Sciences on the Twin Cities campus requests approval to change the name of the Nutrition and Dietetics track to Didactic Program in Dietetics track within the Bachelor of Science (B.S.) degree in Nutrition, effective fall semester 2010. The new title describes better the track’s requirements.

College of Food, Agricultural, and Natural Resource Sciences and College of Continuing Education (Twin Cities Campus)—Change name of B.S. degree in Bio-Based Products to Bioproducts Marketing and Management and change name of track from Bio-based Products Marketing and Management to Marketing and Management

The College of Food, Agricultural, and Natural Resource Sciences on the Twin Cities campus requests approval change to the name of the Bachelor of Science (B.S.) degree in Bio-Based Products to Bioproducts Marketing and Management and change the name of one of the tracks from Bio-based Products Marketing and Management to Marketing and Management, effective fall semester 2010. The new title will describe better the program’s requirements and improve the college’s ability to market it to students.
Crookston Campus—Change name of B.S. degree in Computer Software Technology to Software Engineering

The Crookston campus requests approval to change the name of the Bachelor of Science (B.S.) degree in Computer Software to Software Engineering, effective spring semester 2010. The new title will describe better the program’s requirements and improve the campus’ ability to market it to students. The Crookston campus will seek accreditation for the program from ABET (Accreditation Board for Engineering and Technology) and will provide an annual report to the Senior Vice President for Academic Affairs and Provost and the Senior Vice President for System Academic Administration on its progress.

School of Nursing (Twin Cities Campus)—Create the following tracks in the D.N.P. degree: Adult Health/Gerontological Clinical Nurse Specialist, Adult Health/Gerontological Nurse Practitioner, Adult Health/Women's Health Care Nurse Practitioner, Family Nurse Practitioner, Informatics, Integrative Health and Healing, Nurse Anesthesia, Nurse Midwifery, Healthcare Innovation and Leadership, Pediatric Clinical Nurse Specialist, Pediatric Nurse Practitioner, Psychiatric Mental Health Clinical Nurse Specialist, Public Health Nursing, Public Health Nursing - Adolescent Nursing

The School of Nursing on the Twin Cities campus requests approval to create the above-named tracks in the Doctor of Nurse Practitioner (D.N.P.) degree, effective spring semester 2010. Recognition of the tracks in specialty areas on an official transcript is necessary for individuals to sit for national certification in various nursing specialties.

Graduate School—Clarification of discontinued M.A. degree in Italian Studies

The Graduate School seeks to clarify that the Board approved the discontinuation of the Master of Arts (M.A.) degree in Italian Studies, effective fall 2008, as noted on the February 2008 consent agenda. The program was discontinued because of the departure of a senior faculty member in Italian. The degree was replaced by the Italian Studies minor (February 2008) that leverages the wider scholarly and research expertise that exists across departments.

III. Request for Academic Unit Name Change

Institute of Technology—Change unit name to the College of Science and Engineering

The Institute of Technology requests approval to change its name to the College of Science and Engineering, effective July 1, 2010. The purpose of the name change is to reflect more appropriately the composition of the college and eliminate confusion and misunderstanding.
Educational Planning and Policy Committee       December 10, 2009

Agenda Item: Information Items
☐ review    ☑ review/action    ☐ action    ☑ discussion

Presenters: Senior Vice President/Provost Thomas Sullivan

Purpose:
☐ policy    ☑ background/context    ☐ oversight    ☐ strategic positioning

To inform members of the Educational Planning and Policy Committee of noteworthy items and policy-related issues affecting University units and departments.

To provide the committee with background information related to issues of regional, national, and international policy affecting higher education.

Outline of Key Points/Policy Issues:

There are no information items to report.

Background Information:

This report appears as a regular item on the Educational Planning and Policy Committee agenda.