

8/08/16

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

I.4. Research, Economic Development,
and Innovation Committee

Thursday, August 18, 2016
8:30 a.m.– 9:30 a.m.
Gordon Dining and Event Center
770 W. Dayton Street, 2nd Floor
Symphony Room
Madison, Wisconsin

- a. Approval of the Minutes of the June 9, 2016, Meeting of the Research, Economic Development, and Innovation Committee
- b. UW System Career Connect Web Portal Preview – Led by UW System President Ray Cross
- c. UW-Madison Research Update – Led by Associate Vice Chancellor for Research Steve Ackerman

UW SYSTEM CAREER CONNECT WEB PORTAL PREVIEW

BACKGROUND

The UW System represents a significant talent pipeline to support the expanding workforce needs of Wisconsin's 21st Century economy. By further expanding the university's alignment with business and community partners, Wisconsin will benefit from increased attraction, retention, and development of highly skilled workers, managers, and business leaders capable of competing effectively in global markets. Students who have opportunities to connect as undergraduates with Wisconsin businesses and industries are more likely to choose to live and to work in Wisconsin as they begin their careers.

REQUESTED ACTION

Information only.

DISCUSSION

UW System institutions are highly active in business outreach efforts that encompass internships, mentorships, and job-placement programs for students. UW System President Ray Cross will provide an update on plans to augment the current scope and effectiveness of institution/business outreach efforts and discuss efforts to expand these activities for faculty and students across all disciplines.

Such experiences may include collaborations, internships, research projects, and mentoring experiences, among others, with the duration being as brief as a one-day program, or as long as an entire semester or more. The end goal is for the UW System to become the leading higher educational enterprise in making workforce readiness a reality for all students.

President Cross will preview the UW System Career Connect web portal, which will provide convenient access for employers seeking talent and for students looking for internships and work experiences that expand their career and workforce readiness.

RELATED BOARD OF REGENTS POLICIES

Not applicable.

UW-MADISON RESEARCH UPDATE

BACKGROUND

The University of Wisconsin-Madison is the product of more than 150 years of state and federal investments during which time the university has remained focused on:

- Improving people’s lives—the quality and quantity of life for Wisconsinites and others.
- Improving the teaching and learning of students—focused on student outcomes/success.
- Growing the state’s economy—As a Federal Land Grant institution, this is in the university’s DNA; it is fundamental to its mission.

As the state’s largest research enterprise, UW-Madison expends more than \$1 billion annually to support discovery and innovation processes. Wisconsin taxpayers enjoy a tremendous return on their investment in the state’s flagship university. A 2015 study found that for every state taxpayer dollar spent on UW-Madison, the university generates \$24 for the state economy, accounting for \$15 billion in economic impact statewide.

UW-Madison, UW Hospital and Clinics, and the university’s affiliated organizations and startup companies support 193,310 Wisconsin jobs and generate more than \$847.5 million in state and local tax revenue. UW-Madison research has fostered the formation of at least 311 startup companies in Wisconsin. The startup companies support more than 24,972 jobs and contribute approximately \$2.3 billion to the Wisconsin economy. Collectively, these efforts contribute significantly to UW-Madison’s status as a primary generator of economic and business development for the state of Wisconsin.

REQUESTED ACTION

Information only.

DISCUSSION

Steve Ackerman, UW-Madison Associate Vice Chancellor for Research, will lead a discussion of the strong and growing role of research at UW-Madison.

Professor Ackerman will be joined by William Murphy, Professor of Biomedical Engineering and Orthopedics & Rehabilitation; Co-director, Stem Cell & Regenerative Medicine Center; and entrepreneur. Professor Murphy will reflect on the last 20 years since Dr. James Thomson and other researchers at UW-Madison set out on a course to isolate primate embryonic stem cells, how that breakthrough led to induced human pluripotent, or “reverse engineered,” stem cells in the late 2000s, and how this research is now helping human health and fostering new companies.

Professor Ackerman, who is also the Vice President of the Board of the Wisconsin Research Security Consortium, has also been asked to share with the committee the status and impact of recent State legislation (Attachment 1-Act 289), with respect to classified research and UW-Madison. The committee will hear that, while there are no legal or policy restrictions that prohibit the university from conducting classified research, there are significant financial, infrastructure, and structural barriers that limit the ability to apply for classified research contracts and perform the work. UW-Madison does not have classified research contracts at this time.

RELATED BOARD OF REGENTS POLICIES

Regent Policy Document 13-1, “General Contract Approval, Signature Authority and Reporting”

State of Wisconsin



2013 Assembly Bill 729

Date of enactment: April 16, 2014
Date of publication*: April 17, 2014

2013 WISCONSIN ACT 289

AN ACT *to create* 36.11 (55m) and 36.45 (4) of the statutes; **relating to:** classified research at University of Wisconsin System institutions.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

SECTION 2. 36.11 (55m) of the statutes is created to read:

36.11 (55m) CLASSIFIED RESEARCH. The board may accept research contracts involving government security classifications or other similar restrictions on participation in research or access to or dissemination of research results, if all of the following are satisfied:

- (a) The research furthers national security interests.
- (b) The educational interests of all participating students are adequately protected.
- (c) Appropriate facilities, infrastructure, and administrative resources are available for the research, either on campus or at off-campus locations.

(d) The sponsors of the research cover all additional costs associated with the security requirements of the research.

(e) The conditions for accepting the contracts and conducting the research are established pursuant to a process approved by the chancellor, in consultation with the faculty, of the institution at which the research is to be conducted.

SECTION 3. 36.45 (4) of the statutes is created to read:
36.45 (4) The board shall report annually by September 1 to the joint committee on finance the number of research contracts considered under processes established under s. 36.11 (55m) (e) and the outcome of those contracts.