Thursday, February 6, 2020

Education Committee

Committee Agenda Items: Unanimously Approved. The Education Committee unanimously approved eleven resolutions, including:

- Approval of the Minutes of the December 5, 2019 Meeting of the Education Committee
  - Resolution C.1.
  - A motion to approve was made by Regent Woodmansee, and seconded by Regent Hall.
- UW-Green Bay, UW-La Crosse, UW-Oshkosh, UW-Parkside, UW-Platteville, UW-River Falls, UW-Stevens Point, and UW-Superior, with support from UW Extended Campus: Approval of the Collaborative Online Master of Science in Cybersecurity
  - Resolution C.2.
  - A motion to approve was made by Regent Hall, and seconded by Regent Walsh.
- UW-Madison: Approval of the Master of Science in Clinical and Health Informatics
  - Resolution C.3.
  - A motion to approve was made by Regent Woodmansee, and seconded by Regent Hall.
- UW-Madison: Approval of the Bachelor of Business Administration in Business: Supply Chain Management
  - Resolution C.4.
  - A motion to approve was made by Regent Woodmansee, and seconded by Regent Hall.
- UW-Platteville: Approval of the Bachelor of Science in Data Science
  - Resolution C.5.
  - A motion to approve was made by Regent Woodmansee, and seconded by Regent Hall.
- UW-Whitewater: Approval of the Master of Science in Cybersecurity
  - Resolution C.6.
  - A motion to approve was made by Regent Hall, and seconded by Regent Walsh.
- UW-Whitewater: Approval of the Master of Science in Instructional Design and Learning Technology
  - Resolution C.7.
  - A motion to approve was made by Regent Woodmansee, and seconded by Regent Hall.
- Approval to Rescind RPD 4-2, "Inter-institutional Cooperative Agreements Between UW Institutions and Private Colleges"
  - Resolution D.
  - A motion to approve was made by Regent Walsh, and seconded by Regent Hall.
- Approval to Rescind RPD 4-5, "Principles on Accreditation of Academic Programs," and RPD 5-1, "Academic Quality Program Assessment," and Create a New Regent Policy Document titled: "Accreditation and Assessment of Student Learning"
  - Resolution E.
  - A motion to approve was made by Regent Hall, and seconded by Regent Walsh.
- Approval of Changes to Regent Policy Document 4-19, "Naming of University Academic Units"
  - Resolution F.
  - A motion to approve was made by Regent Hall, and seconded by Regent Walsh.
- Approval of a Resolution in Support of the UW System Remedial Education Programs
  - Resolution G.3.
  - A motion to approve was made by Regent Walsh, and seconded by Regent Hall.

Proceedings of the Education Committee Meeting. The Education Committee convened from 9:00 a.m. to 10:54 a.m. on the UW-Madison campus, at Union South, Varsity Hall II. Committee members in attendance were: Regents Klein, Manydeeds, Hall, Plante, Walsh, and Woodmansee. Absent was Regent Stanford Taylor.

Regent Klein began the meeting by asking the Provosts from each UW System institution to join the Education Committee members at the meeting table, so that they could address questions and provide campus-level information for Regents in regard items listed on the meeting agenda.

Proposed Consent Agenda. Given the large number of agenda items to be covered during the 90 minute meeting, the Chair requested a motion to move the following routine, non-controversial items to a consent agenda. Note: Items on a consent agenda may be acted upon by the committee in a single vote. Any Board Member may remove items from a consent agenda for separate discussion and consideration. The meeting minutes must reflect the motion and vote on each item.

The meeting agenda reflected the seven following items on the consent agenda:

1. Approval of the Minutes of the December 5, 2019 Meeting of the Education Committee.
2. UW-Green Bay, UW-La Crosse, UW-Oshkosh, UW-Parkside, UW-Platteville, UW-River Falls, UW-Stevens Point, and UW-Superior, with support from UW Extended Campus: Approval of the Collaborative Online Master of Science in Cybersecurity
3. UW-Madison: Approval of the Master of Science in Clinical and Health Informatics
4. UW-Madison: Approval of the Bachelor of Business Administration in Business: Supply Chain Management
5. UW-Platteville: Approval of the Bachelor of Science in Data Science
6. UW-Whitewater: Approval of the Master of Science in Cybersecurity
7. UW-Whitewater: Approval of the Master of Science in Instructional Design and Learning Technology

Regent Manydeeds requested that items two and six be removed from the consent agenda, because they both are degree programs in the same discipline, which is cybersecurity. Regent Klein requested a motion to move items C.2. and C.6. from the consent agenda. A motion was made by Regent Hall and seconded by Regent Walsh. All other items remained on the consent agenda.

Regent Klein asked for discussion on items C.2. and C.6. Regent Klein stated that both degree programs are grounded in the same academic discipline. Therefore, she wanted the committee members to understand why UW-Whitewater had not joined the collaborative degree program proposed by UW Extended Campus. She also stated that to her mind the future is collaboration, in order to bring the best of all resources to the forefront in service to the public good. She stated that duplication of resources is not optimal, because by adding staff we may duplicate what other campuses already have in place. In the future, it would be best to err on the side of collaboration. This is where we need to head as a System.

Dr. Aaron Brower, Senior Associate Vice President and Director of UW Extended Campus addressed the Education Committee on the topic. Dr. Brower explained that the campuses worked collaboratively with UW-Whitewater to create curriculum for both degree programs, which is complementary and that covers the field because no single program can cover the whole field of cybersecurity. Thus, the campuses worked collaboratively to create two degree programs that cover as much of the field as possible, and that do not duplicate each other.

Provost Cook of UW-Whitewater agreed with Senior Associate Vice President Brower, stating that UW-Whitewater enjoyed collaborating with the campuses that are participating in the collaborative degree program. He also emphasized that UW-Whitewater has special expertise in the field of cybersecurity, and that its degree program substantively differs from the collaborative degree program.

Regent Walsh agreed with the Chair's concern, and requested an opportunity for the Education Committee to review the two degree programs within the next five years to ensure that they are not duplicative and that they are efficiently utilizing resources. Regent Hall requested that student enrollment and market demand be a key aspect of five year examination and review. Dr. Brower agreed to provide a review, and also stated that if demand is not there at the five year review, then the program would be disbanded, because market demand is a key aspect of the review.

Substantive Description of Agenda Items Approved by the Education Committee

Agenda Item C.2.: Approval of the Collaborative Online Master of Science in Cybersecurity: UW-Green Bay, UW-La Crosse, UW-Oshkosh, UW-Parkside, UW-Platteville, UW-River Falls, UW-Stevens Point, and UW-Superior, with support from UW Extended Campus. The University of Wisconsin-Platteville, as lead campus and on behalf of the defined academic partners, sought to establish a Collaborative Online Master of Science in Cybersecurity. The academic partners for this degree program include: UW-Green Bay, UW-La Crosse, UW-Oshkosh, UW-Parkside, UW-River Falls, UW-Stevens Point, UW-Superior, and UW Extended Campus, which will provide administrative and financial support.

This program responds to the recognized shortage of cybersecurity professionals throughout the state and region. Strong support for the degree has already been realized through interactions with leaders from over 30 state, regional and national companies, government agencies and professional associations.

The program offers four unique tracks to assist students in tailoring coursework to meet their career goals: digital forensics, cyber response, governance and leadership, and security architecture. Students will gain the skills needed to effectively develop, implement, and maintain a security strategy within diverse organizations and industry sectors. Core courses will provide students with a solid foundation in data and network security, compliance, strategic planning, program design and management, legal and ethical issues in cybersecurity, cryptography, risk management, and technical communications. Graduates will embody the core competencies required to assume a variety of roles across a wide range of industries to include cybersecurity analyst, security consultant, cybersecurity manager, computer system analyst, security application analyst, and information technology specialist.

The curriculum was developed in alignment with defined requirements of the National Centers of Academic Excellence in Cyber Defense (CAE-CD) and several established and recognized industry certifications to include the Certified Information Security Manager (CISM), Certified Information Systems Security Professional (CISSP), Certified Ethical Hacker (CEH), and CompTIA Security+ certifications. On behalf of the academic partners, UW-Platteville will seek program accreditation through the Higher Learning Commission (HLC).

UW-Madison: Approval of Two Academic Degree Programs

Agenda Item C.3.: Master of Science in Clinical and Health Informatics. The University of Wisconsin-Madison gained approval to establish a Master of Science (M.S.) in Clinical and Health Informatics (CHI). There is growing demand for clinical healthcare leaders to utilize informatics not only to solve complex healthcare problems, but also to contribute to the quality and delivery of healthcare. Hence, this program responds to projected industry expansion of the informatics workforce. The program is structured to serve working professionals in the healthcare industry through a 30 credit, fully online curriculum. The degree program will meet the development needs of two types of professionals: (1) healthcare professionals who want to further their knowledge and training in health informatics, and its use in clinical practice and healthcare operations; and (2) non-healthcare professionals seeking to gain knowledge about the healthcare system, and the application of informatics in a healthcare setting to improve patient care and population health.

Students will gain management expertise in population health, biomedical informatics, industrial systems engineering, nursing, pharmacy, and healthcare operation. Course development will leverage cross-disciplinary expertise from the Schools of Medicine and Public Health, Nursing, Pharmacy, and Business, and the College of Engineering. Graduates will possess a strong foundation in healthcare decision-making using informatics methods to create innovative solutions and to improve current practices in health policy, clinical practice, security, and biomedical and health information systems that will contribute to the quality and delivery of health care.

Agenda Item C.4.: Bachelor of Business Administration in Business: Supply Chain Management. UW-Madison also gained approval for a Bachelor of Business Administration (B.B.A.) in Business: Supply Chain Management (SCM) degree program, which will replace an existing certificate in Supply Chain Management. Every physical product, non-physical product, and service that exists today has a supply chain. As such, SCM is increasingly recognized as a key enabler of business success. World-class supply chain management practice is evident in the State of Wisconsin, given its strong tradition of manufacturing, more recently augmented by state-of-the-art distribution facilities from companies such as Amazon. The development of the program will meet the substantial student interest for a major in this area and ever-expanding supply chain management employment opportunities that are available across the field of business. Graduates will be better equipped to enter the workforce because of their ability to assess the financial, marketing, and operational implications of fundamental supply chain strategies; create business value through analysis; synthesize supply chain concepts into business strategy; and effectively communicate ideas and recommendations to individuals in all functional areas of an organization. The proposed program curriculum will be structured to align with the standards set by the Association to Advance Collegiate Schools of Business (AACSB) International.

Agenda Item C.5.: UW-Platteville: Approval of the Bachelor of Science in Data Science. The University of Wisconsin-Platteville gained approval to establish a Bachelor of Science degree in Data Science (B.S. in Data Science). The development of this program responds to industry's continued and increasing need for employees with data science backgrounds. Establishing the program will provide students with the computing, statistical, and mathematical skills to enter this growing field. The program will equip graduates with the abilities to summarize and analyze data, work in teams to answer questions, and communicate their results. Students seeking a B.S. in Data Science will complete 120 credits. The program is comprised of 62 credits, including 53 credits of core requirements and 9 credits from one of four focus areas: Biology, Business, Mathematics/Statistics, or Spatial Analysis.

UW-Whitewater: Approval of Two Master of Science Degree Programs

>**Agenda Item C.6.: Master of Science in Cybersecurity.** The University of Wisconsin-Whitewater gained approval to establish a Master of Science (M.S.) program in Cybersecurity. This program responds to regional and national employer demand for cybersecurity talents for protecting both business and government from cybersecurity attacks. Consequently, UW-Whitewater STEM undergraduate students have indicated high demand for this program. Establishing the program will meet workforce demand by providing students with knowledge and skill development in cybersecurity operations, management, and design. Graduates will be equipped to pursue careers, such as security engineers, security analysts, security architects, and security managers. This 30-credit program will be offered online. It is expected most students will complete the program within two years. The program includes two emphasis areas offering in-depth study in cyber resilience and security engineering. The curriculum was designed around the Department of Homeland Security/National Security Administration National Centers of Academic Excellence in Cyber Defense knowledge units.

>While developing this degree program, UW-Whitewater worked closely with the UW System institutions that have developed a collaborative M.S. in Cybersecurity. Together, these institutions have ensured that the two M.S. in Cybersecurity programs complement each other while minimizing competition in the UW System. As a result, the two programs are unique and will serve to expand UW System's influence and reach, providing individuals with options in this high-need and growing career field.

>**Agenda Item C.7.: Master of Science in Instructional Design and Learning Technology.** The University of Wisconsin-Whitewater gained approval to establish an M.S. in Instructional Design and Learning Technology. Learning design and technology is a growing field that requires leaders who understand the foundations of learning design, as well as how to produce engaging learning experiences, assess outcomes, and work with emerging learning technologies, to guide academic and professional learning that is delivered via various modalities (e.g., face-to-face, hybrid, and online).

>A master's degree is often required to enter or advance in the field. Hence, this online program is geared toward working professionals. Graduates will develop the skills to lead learning design and technology initiatives within an organization and apply in-demand employability skills (e.g., critical thinking, problem-solving, working with people of diverse backgrounds) to enhance their career potential and success in the field. Graduates also will be equipped to design effective learning experiences, produce interactive content and assessments, integrate emerging learning technologies into learning, and lead learning technology programming, units, and organizational initiatives.

Agenda Item D.: Approval to Rescind RPD 4-2, "Inter-institutional Cooperative Agreements Between UW Institutions and Private Colleges." The Board of Regents adopted Regent Policy Document (RPD) 4-2 on September 10, 1982 to establish four principles to guide inter-institutional cooperative agreements between UW institutions and private colleges. Specifically, the policy prohibits institutions from exchanging tuition, fees, or other financial payments between institutions; requires institutions to ensure any agreement does not restrict access to UW courses; requires the transfer of credits under the agreement conform to normal academic standards; and requires the Board of Regents to periodically review the agreements. The Board adopted the policy to ensure that such agreements would not

impede UW students' access to UW courses or result in using state funds to subsidize private institutions.

The Education Committee approved removal of RPD 4-2 from the Regent Policy Documents because the policy is of limited scope and does not meet the standards for a Regent Policy Document. Provisions of the policy will be retained as UW System Administrative Policy, except for the requirement for periodic Board review of the agreements. The President of the UW System will establish new procedures for monitoring agreements between UW institutions and private colleges. This will allow UW System to align procedures for monitoring agreements between UW institutions and private colleges with procedures for monitoring agreements negotiated by UW chancellors with other types of institutions.

Agenda Item E.: Approval to Rescind RPD 4-5, "Principles on Accreditation of Academic Programs," and RPD 5-1, "Academic Quality Program Assessment," and Create a New Regent Policy Document titled: "Accreditation and Assessment of Student Learning." The Education Committee approved rescission of RPD 4-5, "Principles on Accreditation of Academic Programs," and RPD 5-1, "Academic Quality Program Assessment," because the policies are obsolete. As part of this proposal, the Board also approved creation of a new policy titled "Accreditation and Assessment of Student Learning," which integrates updated provisions related to accreditation and assessment of learning into a single policy. Accreditation is a critical tool for monitoring academic quality, promoting student success, and meeting federal regulations necessary for providing federal financial aid. Assessment of student learning is one important component of these efforts. Replacing both RPD 4-5 and RPD 5-1 with a single policy will ensure continued Board oversight of the accreditation and student learning assessment processes.

Agenda Item F.: Approval of Changes to Regent Policy Document 4-19, "Naming of University Academic Units." The Education Committee approved amending RPD 4-19, "Naming of University Academic Units," to establish standards for naming academic units for corporations or other legal entities. The Capital Planning and Budget Committee is considering a separate proposal to amend RPD 19-14, "Naming of University Facilities and Land," to establish standards for naming buildings, facilities and land for corporations or other legal entities. Together, RPDs 4-19 and 19-14 address situations where UW institutions choose to name academic units, buildings, facilities or parcels of land to recognize the scholarship, service, or financial contributions of individuals. However, there is a growing national trend toward naming university facilities after corporate or other legal entities, usually in exchange for a financial contribution to the institution. Adoption of this proposal revises RPD 4-19 to accommodate the considerations required when naming university academic units for a corporation, or other legal entity, rather than an individual. Corporations or other legal entities include for-profit businesses, non-profit organizations, foundations, trusts, or any similar non-university organization.

Alexandra Roe, UW System Senior Associate Vice President for Capital Planning and Budget joined the committee to report that this policy revision is necessitated by an increase in corporate donations, which are conditioned upon naming rights. Prior Regent policy did not address corporate donations. Thus, the policy needs to be updated, so that universities could accept corporate donations under certain guidelines. She also reported that the UW System Office of General Counsel conducted research on common practice among public higher education institutions across the United States, and that this research informed the recommended revisions within the policy.

Regent Walsh asked what authority the Board has, to remove a name if there was a negative occurrence with a corporation. Senior Associate Vice President Roe stated that the revised policy states that the

Board of Regents always has the authority to remove a name for whatever reason it seeks. The chancellor also has this authority under the policy.

Vice President's Report. Dr. Anny Morrobel-Sosa, UW System Vice President for Academic and Student Affairs, reported on two topics.

First, the Vice President reported that the UW System Task Force for Advancing Teachers and School Leaders for Wisconsin will report to the Education Committee on June 4, 2020. The Task Force report will respond to the two questions set forth in the Task Force charge letter, which are:

1) How can the UW System work collaboratively with key stakeholders to develop financial incentive programs for students to: improve affordability, reduce student loan debt, address teacher workforce shortages in Wisconsin, and increase access, enrollment, and graduation from teacher education and administrative leadership programs at UW Colleges and Schools of Education?

2) How can the UW System engage with key stakeholders to understand their concerns, and to consider how to raise public esteem for the teaching profession in the State of Wisconsin?

Second, as required by Regent Policy Document 4-8: Remedial Education Policy, Vice President Morrobel-Sosa led a discussion on remedial education. The topics for discussion were not only remedial education within the UW System, but also the college and career readiness of students within State of Wisconsin public schools. This discussion was led by representatives from the UW System, together with representatives from the State of Wisconsin Department of Public Instruction. The presenters included:

- State of Wisconsin Department of Public Instruction:
    - Dr. Sheila Briggs, Assistant State Superintendent for Academic Excellence
    - Jennifer Kammerud, Senior Policy Advisor and Director, Legislative and Policy Outreach Team
- UW System:
    - Dr. Ben Passmore, Associate Vice President for the Office of Policy Analysis and Research
    - Alice Pulvermacher, Research Project Director

Resolution in Support of the Vice President's Report. Regent Klein proposed the following, revised resolution in support of the Vice President's Report.

Resolution G.3.: **Resolution in Support of the UW System Remedial Education Programs.** The Education Committee supports the University of Wisconsin System Remedial Education programs, and encourages the University of Wisconsin System to continue to work collaboratively with the Wisconsin Department of Public Instruction to identify best practices and techniques, aimed at reducing the number of high school students entering University of Wisconsin campuses as freshmen who require remedial coursework.

UW-Madison Host Campus Presentation. Regent Klein next welcomed UW-Madison Provost Karl Scholz to complete the host campus presentation.

Provost Scholz stated that the host campus presentation tackled the following question: How does a large campus, such as UW-Madison, help students feel included through its array of educational opportunities? The presentation began with an overview of UW-Madison's high impact practices, which are often considered small class, or group experiences. This beginning served as the point of departure for the remainder of the presentation: Can large classes be high-impact, too?

Provost Scholz was joined in his presentation by three colleagues, all of whom teach undergraduate classes with large student enrollment and deliver spectacular learning experiences for their students. The presenters included: Dr. David Johnson, Dr. Mary Louise Roberts, and Dr. Stephen Meyers.

Regent Klein thanked Provost Scholz and his colleagues for an excellent presentation. She also thanked UW-Madison for its campus academic plan, which the committee will discuss further at a future meeting.

UW-Milwaukee (UWM) Office of Charter Schools: Approval of Contract Renewal for La Casa de Esperanza Charter School. UW-Milwaukee gained approval for renewal of the charter school contract with La Casa de Esperanza, Inc., maintaining a charter school known as La Casa de Esperanza Charter School. Presenting on behalf of the campus were Provost Johannes Britz, and Adrienne Woods, Director of the UW-Milwaukee Charter School Office.

La Casa de Esperanza, Inc. (La Casa, Inc.) was awarded its initial charter by the UW System Board of Regents in February 2015 and opened La Casa de Esperanza Charter School in September 2015. The school was approved for a five-year contract, effective July 1, 2015 until June 30, 2020. In 2019, the UWM Office of Charter Schools undertook an extensive review process that began with the submission of a renewal application by La Casa de Esperanza Charter School in September 2019, and the site visit by the UWM Office of Charter Schools' Evaluation Committee in November 2019. The results of the review from the UWM Evaluation Committee's site visit are detailed in the La Casa de Esperanza Performance Framework Data Dashboard. The contract negotiated with La Casa, Inc., meets all the requirements of the UW-Milwaukee charter school contract. La Casa, Inc., is prepared to operate La Casa de Esperanza in accordance with all applicable state and federal requirements for charter schools. The University of Wisconsin System Office of General Counsel reviewed and approved the contract.

UW System Administration Office of Educational Opportunity: Approval of Contract for Milestone Democratic Charter School. The University of Wisconsin System Administration Office of Educational Opportunity (OEO) gained approval for a new contract with Milestone Democratic School, Inc., maintaining a charter school known as Milestone Democratic School. Presenting on behalf of the UW System was Aaron Seligman, Director, UW System Office of Educational Opportunity.

Milestone Democratic School is a secondary school that will serve children in grades 7-12. The school is focused on a teacher-powered and student-led school design that includes personalized and project-based learning and experiences for students. The Wisconsin Department of Public Instruction (DPI) received notice of OEO's intent to authorize Milestone Democratic School, Inc., on February 19, 2019. Subsequently, DPI awarded a $750,000 charter school planning grant to support the school's efforts to close opportunity gaps and eliminate achievement gaps.

The contract meets all requirements of the OEO model charter school contract. Milestone Democratic School, Inc., is prepared to operate Milestone Democratic School in accordance with all applicable state

and federal requirements for charter schools. The University of Wisconsin System Administration Office of General Counsel reviewed and approved the contract.

UW-Milwaukee Update: Freshwater Collaborative of Wisconsin. The University of Wisconsin-Milwaukee provided an update on the status of planning for the Freshwater Collaborative of Wisconsin (FCW). This initiative builds upon the collective assets of all 13 campuses to collaborate on freshwater research, training, innovation and economic development. At its June 6, 2019, the Board of Regents requested periodic updates on the Freshwater Collaborative. This presentation was the third in a series of such updates, and was provided by UW-Milwaukee Provost Johannes Britz and Dean Val Klump of the School of Freshwater Sciences.

The Education Committee meeting was adjourned by Regent Klein at 10:54 a.m.