



**University System of Maryland  
Board of Regents  
Committee on Education Policy and Student Life**

**Minutes  
Public Session**

The Committee on Education Policy and Student Life (EPSL) of the University System of Maryland (USM) Board of Regents met in public session on Tuesday, March 3, 2015 at the University of Maryland, Baltimore County. The meeting was convened at 9:30 a.m. Committee members present were: Regent Gonzales (chair) and Regents Ahmed, Kinkopf, and Motz. Regents Reid and Slater joined the meeting by phone. Chancellor Kirwan was also present.

Also attending were: Ms. Bainbridge, Dr. Bishop, Dr. Boughman, Dr. Bryant, Dr. Christopher-Hicks, Dr. Dunn, Dr. Ehrmann, Dr. Foster, Dr. Foust, Dr. Gregory, Dr. Hoffman, Ms. Hollander, Ms. Jamison, Dr. Lee, Dr. Liverpool, Mr. Lurie, Dr. May, Dr. Moreira, Mr. Morgan, Ms. Moultrie, Ms. Murray, Mr. Muntz, Dr. Passmore, Dr. Reitz, Dr. Rhodes, Dr. Rosa, Dr. Rous, Dr. Shapiro, Dr. Travis, Dr. Ward, Dr. White, Ms. Williams, and Dr. Wolfe

Dr. Moreira welcomed the Committee to UMBC on behalf of President Hrabowski.

**Action Items**

**New Academic Program Proposals**

**Frostburg State University: Bachelor of Science in Health Science**

Drs. Randall Rhodes, Associate Provost, and Joseph Hoffman, Dean of the College of Liberal Arts & Sciences, presented this program proposal to the Committee. This program is designed to prepare students for graduate-level studies in health-focused careers, including medicine, dentistry, veterinary medicine, nursing, physical therapy, occupational therapy, pharmacy, physician assistant, and/or optometry. This program will provide students with a strong background in the natural, social, and health sciences while allowing a wide choice of elective courses to suit individual career and graduate/professional school requirements. Maryland and the nation project a significant need for additional health professionals in the next decade. Nationally, the greatest area of need in health care is primary care and specialist physicians, particularly in rural areas. This interdisciplinary degree is consistent with the University's mission and will continue to address the changing needs of health care in rural Appalachia. The program is designed to offer students interested in health-related professional or graduate schools an alternative to the traditional biology and chemistry degrees usually pursued by these students. If

approved, this will be the only program in Maryland to offer a Bachelor of Science degree that is specifically targeted to broadly prepare students for graduate or professional schools in the health-related fields, allowing students the opportunity to take more health-related courses than in traditional degree choices. FSU anticipates that flexibility in upper level electives will increase retention and decrease time to degree.

The Chancellor recommends that the Committee on Education Policy and Student Life recommend that the Board of Regents approve the proposal from Frostburg State University for the Bachelor of Science in Health Science. The motion was moved by Regent Slater, seconded by Regent Kinkopf, and unanimously approved.

### **Frostburg State University: Bachelor of Science in Secondary Teacher Education**

Drs. Randall Rhodes, Associate Provost, and Todd Rosa, Assistant Professor, Department of Educational Professions, presented this program proposal to the Committee. Currently, each undergraduate secondary teacher candidate at FSU majors in an approved content discipline (Biology, Chemistry, Earth Science, English, Foreign Languages & Literature, Mathematics, Physics, or Social Science) and completes the secondary education professional course sequence. This proposal would establish the B.S. in Secondary Teacher Education as a secondary major while the major in the content area would remain the primary major. As a result, all secondary teacher candidates at FSU would graduate with a B.S. with double majors in their content area and secondary education demonstrating their proficiency in both disciplines and their applications. This will ensure that no student will graduate with only the B.S. in Secondary Education, which would not meet certification requirements and would disadvantage FSU students. This proposal would reduce the existing secondary education course sequence from 42.5 to 33 credits. FSU anticipates that time to degree will decrease, and they hope fewer credits will help retain and attract more students. The reduction in required credits should also reduce the faculty workload necessary to administer the B.S. and allow faculty to provide greater support to other programs within the Department of Educational Professions, resulting in greater efficiencies and, through a reduction in adjunct and overload payments, produce a modest cost savings for the University.

The Chancellor recommends that the Committee on Education Policy and Student Life recommend that the Board of Regents approve the proposal from Frostburg State University for the Bachelor of Science in Secondary Teacher Education. The motion was moved by Regent Reid, seconded by Regent Slater, and unanimously approved.

### **University of MD Eastern Shore: Master of Science in Cybersecurity Engineering Technology**

Drs. Patrick Liverpool, Provost, and Derek Dunn, Professor and Chair Department of Technology, presented this program proposal to the Committee. Cybersecurity is expected to continue to be a vital area of need for most government agencies and federally funded research and development centers. Due to the shortage of cybersecurity professionals, there are excellent opportunities for job placement for graduates of the proposed graduate degree program. This degree, for which UMES will seek ATMAE accreditation, stands to serve as a regional role model for producing high-quality leaders for professional services and industries in cybersecurity and related fields. When questioned about the projected enrollment, the representatives noted

that they will regulate enrollment, as they expect this to be a popular program. Additionally, in response to a question from Regent Ahmed, the representatives noted that working professionals will become adjuncts to fill in the faculty who are needed to teach in this program; this is ideal, since this is an applied program. Additionally, Cybersecurity Engineering Technology has specific synergies with current academic programs such as Engineering Technology – Electrical/Electronic Engineering Technology, Computer Science, and Engineering. As such, it is anticipated that no new full-time faculty or facility resources will be needed in the first two years of the program.

The Chancellor recommends that the Committee on Education Policy and Student Life recommend that the Board of Regents approve the proposal from University of Maryland Eastern Shore for the Master of Science in Cybersecurity Engineering Technology. The motion was moved by Regent Reid, seconded by Regent Slater, and unanimously approved.

## **Information Items**

### **P-20 Update**

Drs. Nancy Shapiro, Associate Vice Chancellor for Education and Outreach and Special Assistant to the Chancellor for P-20, and David May, Project Director, updated the Committee on multiple P-20 initiatives within the USM. They shared that P-20 outreach with K-12 schools, community colleges, Maryland workforce and industry, and other higher education stakeholder groups has helped the System gain notoriety. For the last several years, USM has led the following collaborative, P-20 initiatives:

- Maryland College and Career Readiness Standards (MCCRS) and PARCC Assessments
- College Completion and Lumina Project Outcomes
- STEM Pipeline from K-12 through College (MSP)<sup>2</sup>
- STEM Workforce, including Cyber Security (BHEF)
- Quantitative Literacy and Maryland Mathematics Reform Initiative (MMRI)
- Teacher Preparation and Professional Development (JCR Report and Task Force)
- Climate Change Education (MADE CLEAR)

The meeting materials included details of all of the aforementioned projects. In greater specificity, Drs. May and Shapiro shared outcomes from the 12 million dollar Minority Student Pipeline Math Science Partnership (MSP<sup>2</sup>) partnership between USM, Bowie State, Prince George's Community College, Towson, and the University of Maryland, College Park. Outcomes included: include increased teacher content knowledge, increased student interest in science, faster rate of improvement on state standardized tests, and increased preparation for college-level STEM work. They also shared details of the Quantitative Literacy and Maryland Mathematics Reform Initiative, which will help address mathematics remediation. Many of these projects are ongoing, and the Board of Regents will receive reports and recommendations when the work is ready for Regents' endorsements.

### **Center for Academic Innovation Update**

Dr. MJ Bishop, Director, updated the Committee on the Center for Academic Innovation's (CAI) progress. The CAI was established in June 2013 to enhance and promote the System's position as a national leader in higher education academic innovation. The Center's charge is to capitalize

on recent findings from the learning sciences and the capabilities of emerging technologies to increase access, affordability, and outcomes of higher education. CAI brings together academic change leaders from across the System to identify ways we might improve the success of students, evaluate the feasibility of these approaches, share our findings, and scale-up and sustain the most promising models. Dr. Bishop updated the committee on the Center's staff (Dr. Bishop and an assistant director), funding, charge, collaborative work (across the USM, within the state, and beyond), incubating initiatives (Course Redesign 2.0; MD Open Source Textbook Initiative; digital badging; competency-based education; predictive analytics), national initiatives, and removing barriers including, but not limited to the social media policy, faculty workload policy, and State Authorization Reciprocity Agreement. The CAI's major impact to date includes leveraging the collective strengths of our diverse institutions to:

1. Create a collaborative environment to support innovation both among the USM institutions and across the State of Maryland.
2. Start incubating initiatives aimed at catalyzing change.
3. Begin removing barriers that block progress.
4. Help lead the national conversation on academic transformation.

### **Overview of Undergraduate Enrollment, Persistence, and Success at the USM**

Dr. Ben Passmore, Assistant Vice Chancellor for Administration and Finance, and Mr. Chad Muntz, Director of Institutional Research, presented the following reports to the Committee.

- a. SAT Percentile Distributions of First-Time Undergraduates
- b. Retention and Graduation Rates of First-time Full-time Degree Seeking Undergraduates
- c. Transfer Students to the USM: Patterns of Enrollment and Success
- d. USM Enrollment Projections, 2015-2024 (Preliminary)

When looked at as a whole, the first three reports provide a useful overview of undergraduate enrollment within the USM, including the various pipelines that feed undergraduate enrollment, the academic profile of incoming first-time students (as measured by SAT scores), student success and persistence after enrollment, and, in the end, bachelor degree attainment. For *USM Enrollment Projections, 2015-2024 (Preliminary)*, the USM office works in concert with the institutions to ensure the accuracy of these projections by providing them with supporting data and analysis of current and past trends. In 2015, as part of an overall review of strategic plan goals on completion, the enrollment projections have been the subject of detailed review and consultation with institutional leadership. For this reason, the report shared today is preliminary and subject to additional revision prior to approval in the Finance Committee on March 12, 2015.

Complete reports are available online, but highlights from the presentation and reports include:

- Three major undergraduate pipelines include:
  - New freshmen
  - MD community college transfers
  - Other new transfers

- 12,399 new freshmen in the Fall 2014 cohort; cohort stabilizes after four years of decline
- Recent Maryland senior graduates remain strong (i.e., GPA, SAT scores)
  - However, SAT scores of new freshmen vary across institutions, but correlate strongly with institutional graduation rates
  - Preparedness (as determined by GPA, SAT, need for mathematics remediation) also correlates strongly with retention rates
- 23,355 FY 2014 transfers, 11,182 of those from Maryland community colleges
  - There are positive increases in the full-time attendance of transfers and a positive decrease in the MDCC transfers who enter as freshmen. Both factors correlate with completion.
- Considering the success of transfers, policy implications may include:
  - Strategic program expansion at Regional Centers
  - Increase number of completed credits before transferring
  - Financial support to help more students attend full-time
- Summary of all pipelines to USM for Fall 2014/FY 2014 – Total 35,754
  - Fall 2014 Freshmen from MD HS – 9,685
  - Fall 2014 Out-of-state freshmen – 2,714
  - FY 2014 MD community college transfers – 11,182
  - FY 2014 Out-of-state and other institution transfers – 12,173
- Overall projected headcount is projected to increase in Fall 2015 by less than 1%, an increase from 161,999 to 163,036.
- Overall projected headcount growth for the ten-year period is nearly 16%, an increase from 161,999 to 187,633.
- Undergraduate enrollment is projected to expand 16% over ten years from 120,296 to 139,574.
- Graduate enrollment is projected to grow by 15% for the ten-year period from 41,703 to 48,058.

### **Action Item**

#### **Adjournment**

Regent Gonzales called for a motion to adjourn. (Moved by Regent Motz, seconded by Regent Ahmed, and unanimously approved). Regent Gonzales adjourned the meeting at 11:50 a.m.

Respectfully Submitted,

Regent Louise Michaux Gonzales