

**Program Effectiveness, Research & Technology Committee (PERT)
Ohio Board of Regents
Minutes of the Meeting of October 19, 2006**

The meeting was called to order by Regent Tuschman at 11:20 a.m. Regents present were:

PERT Committee members

James M. Tuschman, Chair
Anthony D. Houston, Vice Chair
Bruce R. Beeghly
Walt Reiling

Other Regents in attendance

Edmund J. Adams
Donna M. Alvarado
Jeanette G. Brown
Jim Patterson
Jerome F. Tatar

Ohio Board of Regents staff:

Jamie Abel, Assistant Director, Communications
Harry Andrist, Director, Research & Graduate Programs
David Barber, Consultant, Academic & Access Programs
Bret Crow, Assistant Director, Communications
Shane DeGarmo, Administrator, Academic Affairs & Economic Advancement
Kristina Frost, Vice Chancellor for Operations
Deborah Gavlik, Associate Vice Chancellor for Finance & Governmental Relations
Jane Fullerton, Associate Vice Chancellor for Educational Linkages & Access
Cathy Hill, Administrator, Workforce Development
Rich Petrick, Vice Chancellor for Finance
Char Rogge, Administrator, Research & Graduate Programs
Ryan Scribner, Legislative Liaison
Garrison Walters, Interim Chancellor and Vice Chancellor for Academic Affairs and Economic Advancement

Minutes of the September 21 Meeting

The committee unanimously approved the minutes of the September 21 meeting.

October Board Agenda Items

The following item was proposed for committee and board approval:

- Franciscan University of Steubenville, Institutional Reauthorization

Dr. Garrison Walters, Interim Chancellor and Vice Chancellor for Academic Affairs and Economic Advancement, briefed the committee on Franciscan University of Steubenville's proposal for institutional reauthorization. There were no serious concerns raised in the review and staff recommended that the institution be reauthorized through December 31, 2015.

The following items were reviewed at the September 21 PERT Committee meeting:

- Regents' recommendations in response to H.B. 66 regarding state university clinical teaching
- Union Institute & University, Doctor of Psychology
- Methodist Theological School in Ohio, Doctor of Ministry
- Tiffin University, Master of Humanities
- Cincinnati State Technical and Community College, Associate of Applied Science degree in Safety and Security Management
- Cuyahoga Community College, Associate of Applied Science degree in Integrated Systems Engineering Technology
- Kent State University-Ashtabula Campus, Associate of Applied Science degree in Radiologic Technology

There were no further discussions about these items. Items 3.1 to 3.8 were moved to the board consent agenda.

Items Proposed for the November 16 Board Meeting

Owing to time constraints, every proposal submitted for committee review was not discussed during the meeting. However, Interim Chancellor Walters noted that the institutions whose proposals were not discussed met Regents' standards for their respective proposals and that no serious concerns were raised in the review of these items.

Dr. Harry Andrist, Director for Research & Graduate Programs, briefed the committee on Case Western Reserve University's proposed Doctor of Philosophy in Molecular Medicine degree program. Molecular medicine, which is a relatively new discipline, involves the development of new medical treatments out of fundamental knowledge in molecular and cellular biology. If approved, the program would be the first Ph.D. in Molecular Medicine degree offered in Ohio. The university plans to admit a maximum of only ten doctoral students each year for a steady-state enrollment of forty students.

At the end of the discussion of these items, Regent Tuschman noted that the institutions should be applauded for proposing programs that meet the needs of their respective regions and communities. There was no further discussion about these items. The committee recommended that they be considered for approval at the November board meeting.

Presentation

Rising above the gathering storm: federally funded initiatives in the Dayton region to grow the STEM pipeline.

Presenters:

- Michele Wheatly, Dean of Science and Mathematics, Wright State University
- Lisa Kenyon, Assistant Professor of Biological Education, Wright State University
- Nathan Klingbeil, Associate Professor of Mechanical Engineering, Wright State University
- Richard Jones, Dean of Liberal Arts and Sciences Division, Sinclair Community College

Dr. Matthew Filipic, Vice President for Business and Fiscal Affairs at Wright State University, introduced the presenters to the committee. Highlights of the presentation included a summary of: 1) recent K-12 student performance on mathematics and science tests; degrees awarded in science, technology, engineering, and mathematics (STEM); and number of national and international engineering graduates; 2) current National Science Foundation (NSF) funded initiatives; and 3) and providing future benchmarks at Wright State University (WSU) and Sinclair Community College.

Through \$3 million in funding from NSF, current initiatives at WSU include increasing the nation's talent pool by improving K-12 STEM education and increasing the number of U.S. citizens who earn STEM degrees. WSU hopes to achieve this through the following collaborative programs: 1) incorporating scientific modeling into elementary and middle school curricula; 2) revising its engineering programs' math sequence to increase student retention and success; and 3) increasing the number of associate and baccalaureate STEM degrees granted.

Through a partnership with Sinclair Community College, future benchmarks at WSU include: "1) a 10% increase in first-to-second year retention of STEM majors at both institutions; and 2) a 10% increase in articulation of STEM majors from Sinclair to WSU."

At the end of the presentation, Interim Chancellor Walters praised the collaboration between the two institutions and noted that future STEM developments include developing AP engineering courses for advanced high school seniors.

Reports

Deborah Gavlik, Associate Vice Chancellor for Finance & Governmental Relations, briefed the committee on the Physician Supply and Demand Consultation. The Board of Regents has convened a group of policymakers, medical school educators, hospital administrators, physicians and other interested parties to study the issue of an impending physician shortage. The group had its first meeting in October and considered the following issues (among others):

- Are enough physicians of the right type being trained in Ohio?
- Are enough physicians of the right type staying in Ohio?
- Are enough physicians of the right type practicing in underserved areas of the state?
- Are enough physicians being trained to care for Ohio's aging population?
- To what extent can other health professionals help alleviate an impending shortage of physicians?

The Physician Supply and Demand Consultation will meet approximately every six weeks. The purpose of the meetings is to:

- Define the questions about physician supply and demand that policymakers and interested parties should be asking;
- Examine data;
- Listen to experts and interested parties; and
- Develop recommendations.

The recommendations will be submitted to the Board of Regents, the next Governor-elect, and members of the General Assembly as they shape budget recommendations for the 2008-09 biennium.

Owing to time constraints, the Ohio Workforce Education and Training Council report was tabled until the November meeting.

In closing, Regent Adams announced to the committee and audience that Regent Brown had been selected to receive the 2006 *In Tribute to the Public Service Award* on October 20 at Cleveland State University, and that he would be attending the ceremony on behalf of the Ohio Board of Regents with Regent Brown.

The meeting was adjourned at 12:05 p.m.