

**Program Effectiveness, Research & Technology Committee  
Ohio Board of Regents  
Minutes of the Meeting of January 27, 2005**

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 Houston, Vice Chair  
Bruce R. Beeghly  
J. Gilbert Reese

Other Regents in attendance

Edmund J. Adams  
Donna M. Alvarado  
Thomas W. Noe

Ohio Board of Regents staff:

Harry Andrist, Director, Research & Graduate Programs  
David Barber, Consultant, Academic & Access Programs  
Roderick Chu, Chancellor  
Jack Connell, Assistant Director, Academic & Access Programs  
Bret Crow, Assistant Director, Communications  
Shane DeGarmo, Administrator, Program Approval & Tuition Reciprocity  
Erin Emerine, Administrator, College Access Information  
Jocelyn Frasier, Assistant Director, Communications  
Kristina Frost, Vice Chancellor for Operations  
Jane Fullerton, Associate Vice Chancellor for Educational Linkages & Access  
Cathy Hill, Administrator, Workforce Development  
Jay Johnson, Assistant Director, HEI  
Ron McGinnis, ACE Fellow, Ohio Board of Regents  
Neal McNally, Assistant Director, Budget and Resource Planning  
Rich Petrick, Vice Chancellor for Finance  
Char Rogge, Administrator, Research & Graduate Programs  
Ryan Scribner, Legislative Liaison  
Jonathan Tafel, Vice Chancellor for Educational Linkages & Access  
William Wagner, Research Analyst  
Garrison Walters, Vice Chancellor for Academic Affairs and Economic Advancement

**Minutes of the November 10, 2004 Meeting**

The committee unanimously approved the minutes of the November 10 meeting.

**January 27 Board Agenda Items**

- Aultman College of Nursing and Health Sciences, Associate of Science in Nursing
- Ohio State University, Master of Business Logistics Engineering
- Youngstown State University, Master of Arts in American Studies

- Youngstown State University, Master of Arts in Financial Economics
- Youngstown State University, Master of Computing and Information Systems

Jack Connell, Assistant Director for Academic and Access Programs, spoke briefly about Aultman College of Nursing and Health Sciences' Associate of Science in Nursing degree program. The proposed program prepares students for entry into the nursing profession and provides for articulation with other four-year nursing programs. Goals of the program include: function as a competent registered nurse committed to the profession and contributing to the delivery of healthcare services; integrate nursing principles with liberal arts and sciences to promote evidenced-based care; model nursing care within the legal and ethical scope and standards of nursing practice; and initiate a collaborative team approach to promote holistic, client-centered care within a variety of healthcare environments.

There were no further discussions about the items proposed at the November 10, 2004 committee meeting. Items 3.2 to 3.6 were moved to the board consent agenda.

### **Items Proposed for the March 10 Board Meeting**

- College of Mount Saint Joseph, Doctorate in Physical Therapy
- University of Findlay, Doctorate in Physical Therapy
- University of Findlay, Doctor of Pharmacy
- Central Ohio Technical College, Associate of Applied Science degree in Digital Media Design Technology
- Cuyahoga Community College, Associate of Applied Science degree in Visual Communications-Scientific Imaging
- University of Cincinnati, Associate of Applied Science in Information Technology
- University of Cincinnati, Bachelor of Science in Information Technology
- University of Cincinnati, Master of Arts in Teaching English and Language Arts

Jack Connell, Assistant Director, Academic & Access Programs, spoke briefly about new three new professional doctorate degree programs proposed by the College of Mount Saint Joseph (Doctorate in Physical Therapy) and University of Findlay (Doctor of Physical Therapy and Doctor of Pharmacy). Dr. Garrison Walters, Vice Chancellor for Academic Affairs and Economic Advancement, prefaced the discussion by indicating that these programs were being proposed in response to the specialized accrediting agency's mandate that master's programs in these fields transition to the doctoral level. Further, Dr. Walters added that these professional programs are not doctoral in content or rigor, as compared to research doctorates (the Ph.D.) or clinical doctorates (e.g. the Psy.D.). All of the programs met Regents' standards for professional doctorates. There were no serious concerns raised in the review of these programs. Since these programs are the first professional doctorates to be offered by both institutions, provisional authorization for three-years was recommended for all programs. Follow-up reviews will be conducted to determine continued authorization.

Cathy Hill, Administrator, Workforce Development, spoke briefly about two new associate of applied science degree programs from Central Ohio Technical College and Cuyahoga Community College. The Associate of Applied Science in Digital Media Design Technology degree proposed by Central Ohio Technical College is in response to the growing need in the marketplace for trained digital media technicians and

designers. Students enrolled in this program will study the principles and fundamentals of design, color composition, theories of digital media, production techniques and the appropriate use of specific digital software tools.

The Associate of Applied Science in Visual Communications-Scientific Imaging degree proposed by Cuyahoga Community College is in response to the growing need for trained qualified scientific imaging technicians in northeast Ohio. The curriculum is developed to ensure students will be proficient in the use of relevant equipment and software that produces and renders images. Graduates of the program will find career opportunities in medical science and research, engineering, government, law enforcement, military programs, and aerospace.

Dr. Jane Fullerton, Associate Vice Chancellor of Educational Linkages & Access, spoke briefly about the University of Cincinnati's Associate of Applied Science and Bachelor of Science in Information Technology degree programs. The proposed degrees merge the following existing degrees:

- Bachelor of Science in Information Engineering Technology
- Bachelor of Science in Computer Science Technology
- Bachelor of Science (Information Technology – Technology Track)
- Bachelor of Science (Information Technology – Business Track)
- Bachelor of Science (Applied General Studies – Information Technology)
- Associate of Science in Computer Technology
- Associate of Science (Information Technology – Technology Track)
- Associate of Science (Information Technology – Business Track).

These changes will provide greater educational opportunities for students with less redundancy in degree program and structure; will provide an associate degree program that is directly linked to a baccalaureate degree; and will provide highly trained information technology personnel for local, regional, state, and national business and industry needs.

Dr. Harry Andrist, Director, Research and Graduate Programs, spoke briefly about the University of Cincinnati's Master of Arts in Teaching English and Language Arts degree program. This proposed new graduate offering was developed in close collaboration with the Cincinnati Public School system and was designed to meet both the master's degree and continuing education needs of Cincinnati area school teachers in the area of English and language arts. The program curriculum is designed to bridge teachers' classroom activities with the changing nature of the study of literature and will include courses in composition and writing instruction that are readily adaptable to secondary education.

### **Discussion Item: Program Viability Review Report**

Cathy Hill, Administrator, Workforce Development, updated the committee on the status of the Program Viability Review Project. The report was prepared in response to the Board's request that staff review the processes in place to determine the continued viability of programs approved by the Board and to identify any opportunities for improvement. To support campuses continued improvement and periodic review of degree programs approved, the Project Team offered three recommendations for

consideration by the Board. The recommendations included the formation of a working group composed of campus representatives and other higher education representatives to convene to identify and disseminate degree viability best practices and lessons learned. In addition, it was recommended that the Regents' program approval processes be modified to confirm campus mechanisms are in place to determine the continued viability of the proposed program. Enhancement of OBR's Higher Education Information System (HEI) to track new program approval and program inactivation will also be pursued.

#### **Update: "A Possible Initiative in Computational Science"**

Dr. Garrison Walters updated the committee on a possible initiative in computational science. The structure of the initiative will overlap education, outreach to business, and technology development.

In the area of education, the next steps include: seek funding from Congress for computational science education; define the curriculum for computational science; inventory existing resources; hold focus groups with faculty interested in graduate and undergraduate programs; and actively pursue the idea of an Ohio School of Computational Science.

In the area of technology, the next steps include: pursue funds from federal supercomputing bill; seek another round of funding for the Springfield Supercomputer Center; and build a national, non-profit organization of software vendors to support research.

In the area of business outreach, the next steps include: begin to test market services to business; hold meetings with businesses; and pursue a bill in Congress that would create a business oriented supercomputing program. Updates will be provided at future committee meetings.

#### **Committee Reports**

Dr. Harry Andrist briefed the committee on a recommendation from the Governor's Commission on Higher Education and the Economy. Recommendation 6 from the commission asked that the Governor charge the Third Frontier Commission with developing an integrated statewide R&D strategy and budget. An update will be provided describing the current plans for the Battelle Technology Partnership Practice to carry out a thorough analysis of Ohio's core research strengths.

The meeting was adjourned at 12:23 p.m.