

**Program Effectiveness, Research & Technology Committee (PERT)
Ohio Board of Regents
Minutes of the Meeting of May 18, 2006**

The meeting was called to order by Regent Tuschman at 11:00 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

Jeanette G. Brown

Jim Patterson

Ohio Board of Regents staff:

Jamie Abel, Assistant Director, Communications

Harry Andrist, Director, Research & Graduate Programs

David Barber, Consultant, Academic & Access Programs

Jack Connell, Assistant Director, Academic & Access Programs

Bret Crow, Assistant Director, Communications

Shane DeGarmo, Administrator, Academic Affairs & Economic Advancement

Kristina Frost, Vice Chancellor for Operations

Jane Fullerton, Associate Vice Chancellor for Educational Linkages & Access

Cathy Hill, Administrator, Workforce Development

Patty Klein, Executive Secretary to the Chancellor

Neal McNally, Director, Finance

Rich Petrick, Vice Chancellor for Finance

Char Rogge, Administrator, Research & Graduate Programs

Jonathan Tafel, Vice Chancellor for Educational Linkages & Access

Michael Taggart, Director, Workforce Development

Garrison Walters, Interim Chancellor and Vice Chancellor for Academic Affairs and Economic Advancement

Minutes of the April 20 Meeting

The committee unanimously approved the minutes of the April 20 meeting.

May Board Agenda Items

- Heidelberg College, Institutional Reauthorization
- Marietta College, Institutional Reauthorization
- Ursuline College, Bachelor of Fine Arts
- Cincinnati State Community and Technical College, Associate of Applied Science degree in Industrial Design Technology
- Ohio State University, Doctor of Physical Therapy
- University of Dayton, Doctor of Physical Therapy

There were no further discussions about these items (reviewed at the April 20 PERT Committee meeting). Items 3.1 to 3.6 were moved to the board consent agenda.

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Items Proposed for the June 15 Board Meeting

Jack Connell, Assistant Director for Academic & Access Programs, briefed the committee on institutional reauthorization proposals from Winebrenner Theological Seminary and Otterbein College. There were no serious concerns raised in either review. Staff recommended that the institutions be reauthorized to December 31, 2015 and 2016, respectively.

Jack Connell also briefed the committee on proposals from Walsh University and Notre Dame College. Walsh University's proposed Doctor of Physical Therapy (DPT) degree program transitions the institution's existing Master of Physical Therapy program to the doctoral level to meet national standards for the profession. Since the proposed DPT program will be the university's first professional doctorate, and because the review team requested revisions to the program's curriculum and assessment formats, staff recommended that the program be granted provisional authorization through December 31, 2009, with annual progress reports due December 31, 2006, 2007, and 2008. A follow-up review will be performed prior to December 2009 to determine continued authorization.

Notre Dame College's proposed Bachelor of Science in Nursing degree program will provide two tracks, a traditional four-year generic track and a Bachelor of Science in Nursing completion track (for registered nurses who are graduates of a diploma or associate degree program in nursing). The proposed program meets the standards of the Ohio Board of Nursing. In addition, the Regents' review team raised no serious concerns in the review and recommended that the program be authorized through December 31, 2011, with annual progress reports due December 31, 2006, 2007, and 2008.

Cathy Hill, Administrator for Workforce Development, briefed the committee on proposals from Stark State College of Technology and Zane State College. Stark State's proposed Associate of Applied Science in Commercial Music Technology degree program was developed to meet the growing need for trained professionals in the commercial music industry who can create, produce, and deliver music digitally. The college is projecting 55-65 full-time students to enroll in fall 2006 and is exploring the possibility of creating an articulation agreement with Kent State University-Stark Campus, whereby graduates of the program can transfer into Kent State's baccalaureate degree in Commercial Music. There were no serious concerns raised in the review.

Zane State College's proposed Associate of Applied Science in Sports and Fitness Management degree program was developed to meet the need for trained professional, corporate and personal trainers in their region. Students of the proposed program will gain the skills and training needed to perform comprehensive fitness assessments, develop personalized fitness and weight management programs, and organize and manage the general operations of a fitness/recreational program. There were no serious concerns raised in the review.

Dr. Harry Andrist, Director for Research & Graduate Programs, briefed the committee on the University of Akron's Doctor of Philosophy in Integrated Bioscience degree program. The proposed new doctoral degree program builds upon the university's successful, long-standing baccalaureate and master's degree programs in Biology, Chemistry, Computer Science, Mathematics, Physics, Polymer Science, and Engineering. Among these programs that will be integrated into the new doctoral program are four well-established and highly successful research doctorates: Ph.D. in Polymer Science, Ph.D. in Polymer Engineering, Ph.D. in Engineering, and the Ph.D. in Chemistry.

The proposed new doctoral degree program, unique within Ohio, will focus on a fully integrated, interdisciplinary approach to Integrated Bioscience, which is a newly evolving specialty area on the national and international levels. The university anticipates admitting five to eight new graduate students into the program each year and will initiate the program in the fall semester of 2007. It is important to note that this interdisciplinary program is substantially different from traditional doctoral programs in the biological/life sciences (such as genetics, cell biology, and ecology), and will not overlap with or duplicate programs in those areas at other Ohio universities.

The Regents' Advisory Committee on Graduate Study voted with unanimous assent to approve the new Doctor of Philosophy degree program in Integrated Bioscience. It

should be noted that the University of Akron will not receive any additional subsidy as a result of mounting this new doctoral degree program. Rather, it is understood that the university will fund the program entirely out of its existing state share of instruction revenue stream plus the additional student tuition support for the program.

There was no further discussion about these items. The committee recommended that they be considered for approval at the July board meeting.

Presentation

As the final report from the CHEE 7 Working Group, Dr. Harry Andrist gave a presentation entitled, "University-Based Technology Transfer to Ohio Business and Industry." As background for this presentation, the Governor's Commission on Higher Education and the Economy had requested the following actions under their Recommendation 7:

1. Identify best practices for transferring technology and innovations into the marketplace.
2. Investigate the barriers that prevent or delay the commercialization of Ohio's investment in university-based research.
3. Shape recommendations for removing any inappropriate barriers.
4. Develop criteria for the Technology Commercialization Incentive Fund.

The CHEE 7 Working Group was chaired jointly by Dr. Norman Chagnon of the Ohio Department of Development and Dr. Harry Andrist of Regents' staff and also included Nicholas Lashutka of the Ohio Business Roundtable and Richard Rosen of Battelle. The group held two consultations with university representatives, carried out a survey of Ohio businesses, and participated in a one-day workshop with Ohio business leaders at Battelle. The CHEE 7 Working Group concluded its two years of effort by making the following four recommendations:

1. **Finding:** The commercialization of new products, processes, and services can be accelerated in Ohio by: a) encouraging increases in industrial research at Ohio universities sponsored by Ohio industrial firms; b) increasing the number of new business start-ups located physically within the State of Ohio; and c) encouraging Ohio universities to impact the growth in the existing base of Ohio companies through intellectual property and research services that lead to new jobs and increased revenues for Ohio companies.

Recommendation: Adopt the three-component metric, given as a., b., and c. above, for the Technology Commercialization Incentive Fund, which is funded at the level of \$500,000 in Fiscal Year 2007.

2. **Finding:** Senate Bill 286 was effective in stimulating university faculty to engage in technology commercialization, yet it did not go far enough in the direction of encouraging a broad spectrum of university faculty to participate in technology commercialization.

Recommendation: Expand the reach of Section 3345.14 (D) (1) of the Ohio Revised Code to include additional faculty beyond the primary inventor.

3. **Finding:** Since relationships are more powerful than transactions, Ohio needs an active program of senior scholar exchanges between academic and industrial laboratories to establish long-term productive working relationships.

Recommendation: Use Third Frontier Project funding to support strategic partnerships and associated senior scholar exchanges between Ohio universities and Ohio businesses as described above.

4. **Finding:** Ohio needs to develop and nurture its technological workforce for the high-value, high-wage jobs of the future.

Recommendation: Expand the scope of the Third Frontier Internship Program to provide professionally rewarding industrial internship experiences for graduate students in science, engineering, mathematics, and medical areas.

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Reports

Jack Connell briefed the committee on the pending sale of Myers University. The process to sell the institution, which would result in a corporate change from a non-profit to a for-profit entity, is underway. Regents' staff is working with the Charitable Section and the Education Division of the Ohio Attorney General's office to determine how the pending sale will affect the status of the university's current certificate of authorization. Staff will update the committee on the status of the sale at future meetings.

The report on cyber-infrastructure was tabled for the June PERT Committee meeting.

The meeting was adjourned at 12:07 p.m.

