

# COUNCIL ON ACADEMIC AFFAIRS

200 Bricker Hall

December 1, 2010

3:00 PM – 5:00 PM

## MINUTES

### ATTENDANCE

#### Faculty:

- |  |   |
|--|---|
| ✓Dr. Leslie Alexander (History)                                | ✓Dr. Ashok Krishnamurthy (Engineering)        |
| ✓Dr. Marilyn J. Blackwell (Germanic Languages and Literatures) | ✓Dr. Barbara Polivka (Nursing)                |
| ✓Dr. James W. Cogdell (Mathematics)                            | ✓Dr. Robert J. Ward (Music)                   |
| ✓Dr. John Fellingham (Business)                                | ✓Dr. John W. Wilkins (Physics)                |
| ✓Dr. Jay S. Hobgood (Geography)                                | ✓Dr. Kay N. Wolf (Allied Medical Professions) |

#### Students:

- |  |  |
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| ✓Mr. Niraj Antani (USG, Political Science)     | Ms. Sarah K. Douglas (CGS, History)                |
| Mr. Dheeraj Duggineni (USG, John Glenn School) | ✓Ms. Sarah Lang (CGS, Education and Human Ecology) |

#### Administrators:

- ✓ Dr. W. Randy Smith, (Academic Affairs, Vice Chair)

#### Guests:

- |   |   |
|---|---|
| Dr. Dave Andreck (Natural and Mathematical Sciences)                      | Dr. Paul Sivilotti (Computer Science & Engineering)                           |
| Ms. Andrea Bour (Office of University Registrar)                          | Dr. Neeam Soundarajan (Computer Science & Engineering)                        |
| Dr. Caroline Breitenberger (Director, Center for Life Sciences Education) | Dr. David Tomasko (College of Engineering)                                    |
| Dr. Ann D. Christy (Food, Agricultural and Environmental Sciences)        | Dr. Bernadette Vankeerbergen (Arts and Sciences)                              |
| Dr. Alexis Collier (Associate Provost)                                    | Dr. Harold Walker (Civil and Environmental Engineering and Geodetic Sciences) |
| Dr. Steve Fink (English)  | Dr. John Wanzer (Assistant Provost, Undergraduate Dean's Office)              |
| Dr. Terry Gustafson (Arts and Sciences)                                   | Dr. Valerie Williams (Arts and Sciences)                                      |
| Mr. David L. Roy (Assistant Director, Enrollment Services)                | Mr. Andy Zirker (Education and Human Ecology)                                 |

The Council came to order at 3:00 PM.

### **APPROVAL OF THE MINUTES OF THE MEETING OF NOVEMBER 17, 2010**

Cogdell moved approval of the Minutes of the meeting of November 17, 2010. The motion was seconded by Antani and approved unanimously.

### **REPORTS FOR THE CO-CHAIRS – PROFESSORS JAY S. HOBGOOD, AND JAMES W. COGDELL**

Council received specific information about the number of faculty in the new department of Microbial Infection and Immunity that had been requested. There were no concerns. The proposal has been sent to the Faculty Council for discussion.

### **REPORT FROM THE VICE CHAIR – PROFESSOR W. RANDY SMITH**

- The Council will send two proposals to the Faculty Council Meeting on December 2, 2010
  - Proposal for the Establishment of a Department of Microbial Infection & Immunity;
  - Request for approval of the merger of the departments of Plan Cellular & Molecular Biology and Molecular Genetics into a new department “Molecular Genetics”.

### **PROPOSALS FROM SUBCOMMITTEE B – NIRAJ ANTANI, MARILYN BLACKWELL, BARBARA POLIVKA, ROBERT WARD (Guests: David Tomasko, Associate Dean; Ann Christy, Associate Professor, FAES; Neelma Soundarajan, Associate Professor, CSE; Harold Walker, Professor, CEEG)**

Cogdell asked the members of Subcommittee B to provide an overview of the operational steps it implemented in order to review the Semester Conversion Proposals received from the College of Engineering. The Council discussed the key items that need to be checked by each Subcommittee in this process. The invited guests will not present the proposals but will attend the meeting in order to provide answers to any questions the Council might have.

Blackwell explained that Subcommittee B decided to divide into three workgroups in order to divide the workload. Each workgroup included at least one Council member and one Subcommittee member designated for Semester Conversion. Initially, questions raised in every

workgroup were forwarded to the chair of the Subcommittee and then to the contact person responsible for the proposal. The Subcommittee realized quickly in the review process, that this was a time consuming step and decided to have the Council member of the working group get the answers directly for the contact person responsible for the proposal.

During the review process, members of Subcommittee B learned about:

- terminology and language used in College of Engineering discussions;
- different accreditation organizations some programs might have,
- core engineering curriculum and technical elective courses,
- internal policy regarding chemistry, physics, and mathematics requirements.

- **Semester Conversion: Bachelor of Science in Civil Engineering**

Blackwell presented the proposal. The workgroup paid close attention to the mathematics requirements, physics course transfers, chemistry course transfers, overall credit hour transfers, student advising procedures, transition policy, learning goals and the curriculum map. Teaching opportunities for graduate students within the College of Engineering, will not be affected in the semester calendar due to the fact that most graduate students are not teaching courses but are conducting laboratory work.

Blackwell moved approval of this proposal; it was seconded by Wolf and the motion carried with all in favor.

- **Semester Conversion: Bachelor of Science in Environmental Engineering**

Polivka presented the proposal. There were minor changes made to this proposal during the review process. The changes are related to the chemistry requirements, physics requirements, one specific course in civil engineering, and increased technical elective courses.

This is a new program approved by the Ohio Board of Regents in the summer of 2009 as an extension from Civil Engineering Program.

Polivka moved approval of this proposal; it was seconded by Hobgood and the motion carried with all in favor.

- **Semester Conversion: Bachelor of Science in Computer Science and Engineering**

Polivka presented the proposal. Most of the breadth courses existing in the Computer Science Program will be retained. Students will have flexibility in choosing between depth and additionally breadth technical elective courses. The reason for this conclusion was that some students might know that they would like to specialize in an area of the field that is reasonably stable and well developed, and that it would be inappropriate not to permit this. The General

Education requirements are adapted to follow the College of Engineering semester conversion plan. The workgroup liked the transition policy and the example provided.

Polivka moved approval of this proposal; it was seconded by Wolf and the motion carried with all in favor.

- **Semester Conversion: Bachelor of Science in Food, Agricultural, and Biological Engineering (FABE)**

Antani presented the proposal. Faculty, alumni, students, staff, and the department's Industry and Professional Advisory Group (IPAG) revised the objectives of this program. The proposed programs outcomes reflect the new requirements from the Accreditation Board of Engineering and Technology (ABET) and apply them to the specific professional domains of the four specializations within the FABE program (Agricultural Engineering, Food Engineering, Biological Engineering, and Ecological Engineering). The General Education requirements are adapted to follow the College of Engineering semester conversion plan. The working group liked: the curriculum map for including the full title of each course; the course numbering system proposed for the semester plan; and the transition policy.

Antani moved approval of this proposal; it was seconded by Wolf and the motion carried with all in favor.

Smith thanked members of the College of Engineering for: developing these proposals in a timely manner; volunteering to be the first college in the University to present them to this Council for review; and for the rigorous methods in which they interacted with the Council.

## **PROPOSALS FROM SUBCOMMITTEE D – PROFESSORS JAMES W. COGDELL, JAY S. HOBGOOD AND W. RANDY SMITH**

- **Biomedical Engineering (BME) Undergraduate Enrollment Management**

Cogdell presented the proposed admission process for the Biomedical Engineering undergraduate program. The BME Diversity Committee crafted the admissions policy to yield the highest qualified classes possible. The statement of this policy was approved by: Gregory Washington, Interim Dean, College of Engineering, Dolan Evanovich, Vice President for Strategic Enrollment Planning, and Michael Layish, Assistant General Counsel. The proposal was also unanimously approved by College of Engineering Committee on Academic Affairs (CCAA) and BME faculty.

During the discussion, the following issues were raised and clarifications provided.

- Since about 1990, enrollments in some programs in the University were growing dramatically. Since that time, departments were required to provide an enrollment limitation plan which will match with the department's abilities to admit a certain number of students. Any time these enrollment policies are changed, they are submitted to Council for approval.
- This new undergraduate program in Biomedical Engineering is growing more than expected, therefore there is a need for a new enrollment policy.
- The new policy is made public to prospective students. It includes key items they will need to include in the applications to fulfill the 20% required attributes important for the discipline, program and department.

Cogdell moved approval of this proposal; it was seconded by Antani and the motion carried with all in favor.

- **Revision to the Specialized Master's in Business (SMB)**

Cogdell presented the request for revision to the SMB. The Specialized Master's in Business program was approved by the Board of Regents late in 2009. At that point the crafters of the proposal did not envision that the transcript designation was important for the degree holders and for those looking at the transcript to assess it for academic performance and background. They request two transcript designations: one for the Specialized Master in Business-Finance and another for the Specialized Master in Business-Marketing.

There were no concerns with this revision. Cogdell moved approval of this proposal; it was seconded by Wolf and the motion carried with all in favor.

- **Creation of a Graduate Specialization in Rural Sociology, School of Environment and Natural Resources (SENR)**

Cogdell provided an overview of the proposal. The University had this program since 1904. During its life span, the Rural Sociology program was hosted in different departments: the Department of Agricultural, Environmental and Developmental Economics, and the Department of Human and Community Resource and Development. In 2010 six faculty in this program changed their tenure initiating unit (TIU) to SENR.

The substantive core of the Rural Sociology Graduate Program and its faculty's scholarly research, focus on: environmental well-being, sustainable of natural resources, social and community quality of life, and diffusion and impacts of technologies. This knowledge base is central to SENR. The current graduate curriculum of the Rural Sociology Graduate Program is complementary to SENR. The faculty of this program have identified environmental sociology as a rapid growth area and would like to place greater programmatic emphasis there. The Rural

Sociology Graduate Program will have a corresponding transcript designation in the ENRGP. Given current trends in social sciences, this program is expected to attract students interested in environmental sociology topics, and also to continue receiving funds from NSF and USDA. The Graduate School has approved this proposal.

Cogdell moved approval of this proposal; it was seconded by Wolf and the motion carried with all in favor.

Smith acknowledged the historic nature of this meeting – approval of the first undergraduate programs for the semester calendar. He also acknowledged the efficient and thorough work of Subcommittee B.

**The meeting adjourned at 4:20 PM.**

Respectfully submitted,  
W. Randy Smith  
Liana Crisan-Vandeborne