AGENDA ITEM 1 - 2 ARE INCLUDED FOR INFORMATIONAL PURPOSES ONLY. ADDITIONAL INFORMATION WILL NOT BE PRESENTED AT THE MEETING.

1. Information on Undergraduate Programs

   A. College of Agricultural Sciences

      1) Bachelor of Science in Animal Sciences and Master of Biotechnology in Biotechnology: Change of Name from Bachelor of Science in Animal Sciences and Master of Science of Biotechnology in Biotechnology

      The Graduate School recently approved changing the name of the professional master's degree program in Biotechnology from an M.S. to a Master of Biotechnology. The change was made to conform to the new standards for professional master's programs advocated by the Graduate School. The name change will become effective Spring 2007.

   B. College of the Liberal Arts

      1) Information Sciences and Technology for Speech Communication Minor to Information Sciences and Technology for Communication Arts and Sciences Minor: Change in Name

      The name change was made to reflect the name change of the Department of Communication Arts and Sciences approved by the Board of Trustees in January 2002. The name change will become effective Spring 2007.

   C. Eberly College of Science

      1) Integrated Bachelor of Arts in Mathematics and Master's of Applied Statistics and Integrated Bachelor of Science in Mathematics and Master's of Applied Statistics: New Program

      The Integrated Undergraduate-Graduate (IUG) degree will combine the B.A./B.S. in Mathematics and Master of Applied Statistics (M.A.S.) to be completed in five years and would enable a select number of highly qualified students to obtain training in statistics focused on developing data analysis skills, and exploration of core areas of applied statistics at the graduate levels in addition to an undergraduate degree in Mathematics. The M.A.S. degree is a professional program, which prepares students with interests in mathematics, computation, and the quantitative aspects of science for careers in industry and government as statistical analysts. The IUG degree will enable students in the B.A./B.S. Mathematics program to double count some credits in the two degree programs, thus shortening the total time required to reach completion of the master’s degree. The program will also benefit recruitment efforts. The new program will be effective Spring 2007.

   D. University College

      1) Bachelor of Science in Business Administration (BBACC) at the following locations: Beaver, Delaware, DuBois, Fayette, Hazleton, McKeesport, Mont Alto, New Kensington, Shenango, Wilkes-Barre, Worthington Scranton, and York: Phase-Out of Program

      An admissions hold was placed on enrollment in the BBACC in the Summer of 2006. The BBACC has been replaced with the Bachelor of Science in Business (BSB). Students currently enrolled in the BBACC will have the option to remain in the program or to enter the BSB program.
2. Information on Graduate Programs

A. Change in Requirements for the Doctor of Philosophy and the Master of Science Degree Programs in Meteorology and to Add Dual-Title Degree Offering in Astrobiology in the College of Earth and Mineral Sciences: Change of Program

The proposal to approve the change in requirements for the Doctor of Philosophy and the Master of Science degree programs in Meteorology and to add the dual-title offering in Astrobiology was approved by the Graduate Council at its September 20, 2006 meeting.

The changes in degree requirements include discontinuing the Master of Science comprehensive examination, but adding a Master of Science thesis or paper defense presentation. The intent of the defense presentation is to improve the student's overall presentation of the research results, give the student valuable technical speaking experience, and better inform members of the department about the research being undertaken by the student. This change has resulted in the addition of METEO 580 (Communication of Meteorological Research) as a required course for both Master of Science and Doctor of Philosophy students. In addition, the Doctor of Philosophy candidacy examination has been reformatted into a two-day exam emphasizing atmospheric dynamics and atmospheric physics.

The program has added the dual-title offering in Astrobiology to the graduate program in Meteorology. The proposed addition enables students to gain perspectives, techniques, and methodologies in Astrobiology, while maintaining a close association with their major program's areas of application.

B. Ecological and Molecular Plant Physiology Option in the Intercollege Graduate Degree Program in Integrative Biosciences: Drop of Option

The proposal to drop the option in Ecological and Molecular Plant Physiology in the Intercollege Graduate Degree Program in Integrative Biosciences was approved by the Graduate Council at its September 20, 2006 meeting.

In 1996, an option in Ecological and Molecular Plant Physiology was approved in the graduate program in Integrative Biosciences (IBIOS). An external review of the Integrative Biosciences program was conducted in May 2004. Based on the recommendations of the external review team and the support of Penn State faculty and academic administration, the option was merged with the Intercollege Graduate Program in Plant Physiology due to the similarities in program structure and approved by the Graduate Council as an Intercollege Graduate Degree Program in Plant Biology on May, 10, 2006, offering the Doctor of Philosophy and the Master of Science degrees.

C. Intercollege Graduate Degree Program in Molecular Medicine (Doctor of Philosophy and the Master of Science): New Program

The proposal to offer an Intercollege Graduate Degree Program in Molecular Medicine (Doctor of Philosophy and the Master of Science) was approved by the Graduate Council at its September 20, 2006 meeting.

In 1996, an option in Molecular Medicine was approved in the graduate program in Integrative Biosciences (IBIOS). An external review of the Integrative Biosciences program was conducted in May 2004. Based on the recommendations of the external review team and the support of Penn State faculty and academic administration, the Molecular Medicine option was proposed as an Intercollege Graduate Degree Program.
2. **Information on Graduate Programs** (Continued)

The program faculty will provide academic oversight for the proposed graduate program in Molecular Medicine with the administrative oversight provided by the Department of Veterinary and Biomedical Sciences at University Park and the Department of Microbiology and Immunology at Hershey. No new courses are required for the proposed Molecular Medicine program since the curriculum essentially is the same as those currently required for the IBIOS option.

**D. Intercollege Graduate Degree Program in Molecular Toxicology (Doctor of Philosophy and the Master of Science): New Program**

The proposal to offer an Intercollege Graduate Degree Program in Molecular Toxicology (Doctor of Philosophy and Master of Science) was approved by the Graduate Council at its September 20, 2006 meeting.

In 1997, an option in Cellular and Molecular Mechanisms of Toxicity was approved in the graduate program in Integrative Biosciences (IBIOS). The option name was changed to Molecular Toxicology in January 2003. An external review of the Integrative Biosciences program was conducted in May 2004. Based on the recommendations of the external review team and the support of Penn State faculty and academic administration, the IBIOS Molecular Toxicology option was proposed as an Intercollege Graduate Degree Program. As noted in the proposal, "an important factor contributing to the solid Molecular Toxicology identity has been the achievement of a 'critical mass' of graduate students in the IBIOS option." The graduate program in Molecular Toxicology will be administered by the Department of Veterinary and Biomedical Sciences at University Park and the Department of Pharmacology at Hershey. No new courses are required since the curriculum essentially is the same as those currently required for the IBIOS option.

**E. Molecular Medicine Option in the Intercollege Graduate Degree Program in Integrative Biosciences: Drop of Option**

The proposal to drop the option in Molecular Medicine in the Intercollege Graduate Degree Program in Integrative Biosciences was approved by the Graduate Council at its September 20, 2006 meeting.

In 1996, an option in Molecular Medicine was approved in the graduate program in Integrative Biosciences (IBIOS). An external review of the Integrative Biosciences program was conducted in May 2004. Based on the recommendations of the external review team and the support of Penn State faculty and academic administration, the Molecular Medicine program was proposed and approved by the Graduate Council on September 20, 2006, as an Intercollege Graduate Degree Program offering the Doctor of Philosophy and the Master of Science degrees.

**F. Molecular Toxicology Option in the Intercollege Graduate Degree Program in Integrative Biosciences: Drop of Option**

The proposal to drop the option in Molecular Toxicology in the Intercollege Graduate Degree Program in Integrative Biosciences was approved by the Graduate Council at its September 20, 2006 meeting.

In 1997, an option in Cellular and Molecular Mechanisms of Toxicity was approved in the graduate program in Integrative Biosciences (IBIOS) with a change in name to Molecular Toxicology in January 2003. An external review of the Integrative Biosciences program was conducted in May 2004. Based on the recommendations of the external review team and the support of Penn State faculty and academic administration, the Molecular Toxicology
2. **Information on Graduate Programs** (Continued)

program was proposed and approved by the Graduate Council on September 20, 2006, as an Intercollege Graduate Degree Program offering the Doctor of Philosophy and Master of Science degrees.

G. **Master of Professional Studies in Forensics Science in the Eberly College of Science: New Program**

The proposal to offer a new professional science master's degree program, Master of Professional Studies (M.P.S.) in Forensic Science, in the Eberly College of Science was approved by the Graduate Council at its October 18, 2006 meeting.

The M.P.S. degree program will prepare graduate students for careers in forensic science, and is appropriate for students with a baccalaureate degree in the biological sciences, chemistry, or a related field of study. Forensic science is a rapidly growing field, and the proposed program is designed to address both current and future needs of the forensic science community. Students admitted to the program will be given hands-on training in a state-of-the-art simulated crime scene facility; the opportunity to conduct applied and basic research; and exposure to a wide range of forensic evidence including fingerprints, chemical residues and powders, tire and footprint impressions, etc. The program offers core forensic science elements combined with interdisciplinary training and educational opportunities in a wide range of related disciplines, including molecular biology, chemistry, entomology and anthropology. The M.P.S. degree is intended as a terminal degree, designed for completion in two years.

H. **Integrated Bachelor of Arts in Mathematics and Master's of Applied Statistics and Integrated Bachelor of Science in Mathematics and Master's of Applied Statistics in the Eberly College of Science: New Program**

The proposal to approve to offer the Integrated Bachelor of Arts and Bachelor of Science in Mathematics and Master of Applied Statistics in the Eberly College of Science was approved by the Graduate Council at its March 15, 2006 meeting.

The Integrated Undergraduate-Graduate (IUG) degree will combine the B.A./B.S. in Mathematics and Master of Applied Statistics (M.A.S.) to be completed in five years and would enable a select number of highly qualified students to obtain training in statistics focused on developing data analysis skills, and exploration of core areas of applied statistics at the graduate levels in addition to an undergraduate degree in Mathematics. The M.A.S. degree is a professional program, which prepares students with interests in mathematics, computation, and the quantitative aspects of science for careers in industry and government as statistical analysts. The IUG degree will enable students in the B.A./B.S. Mathematics program to double count some credits in the two degree programs, thus shortening the total time required to reach completion of the master's degree. The program will also benefit recruitment efforts. The new program will be effective Spring 2007.
AGENDA ITEMS 3 - 8 ARE INCLUDED FOR ACTION OR INFORMATION IN SERIATIM AT THE MEETING.

3. Proposed Change in Name from the Penn State Institutes of the Environment to the Penn State Institutes of Energy and the Environment

It is proposed to change the name of the Penn State Institutes of the Environment to the Penn State Institutes of Energy and the Environment. In November 2005, the Senior Vice President for Research charged an Energy Task Force consisting of energy experts from across Penn State to assess the University’s current assets in energy science and engineering and to recommend a course of action that would strengthen those assets. The Energy Task Force recommended five major areas for new investment by the University: efficient fossil energy extraction and conversion, bio-energy systems, hydrogen energy, nuclear energy, and photo-system conversion of light energy to clean fuels such as hydrogen. The Energy Task Force also recommended that a new structure be formed to integrate these new areas with existing assets across the University. The structure should partner the tightly coupled areas of energy and environmental science and engineering. The logical step in fulfilling this recommendation is to expand the scope and mission of the current Penn State Institutes of the Environment to formally include energy science and engineering. The Penn State Institutes of the Environment was launched in September 1999 to increase the visibility of Penn State’s environmental research and education programs, facilitate the ability of faculty and students to address opportunities that require interdisciplinary interaction and collaboration, and engender new research and education directions. This proposal has been reviewed and is supported by the President, Executive Vice President, Senior Vice President for Research, and Institutes Deans Advisory Board.

Will the Committee on Educational Policy recommend to the Board of Trustees adoption of the following resolution:

RESOLVED, That the proposed change in name from the Penn State Institutes of the Environment to the Penn State Institutes of Energy and the Environment in the Senior Vice President for Research administrative area is approved effective immediately.

4. Proposed Change in Name of the School of Engineering and Engineering Technology to the School of Engineering at Penn State Erie, The Behrend College

It is proposed to change the name of the School of Engineering and Engineering Technology to the School of Engineering at Penn State Erie, The Behrend College. This is a proposed name change only; there are no changes being proposed in academic programs offered by the School, in the administrative structure of the School, or in the School's mission. The length and redundancy of the current name makes its communication and usage difficult. This proposal is timely as the School is moving into the new Research and Economic Development Center and developing new signage for the building. The change in name will also be consistent with other units across the University. The proposal has been reviewed and has received support from the School's Board of Visitors, the faculty, Chancellor Burke, and has been favorably reviewed by the University Faculty Senate.
4. **Proposed Change in Name of the School of Engineering and Engineering Technology to the School of Engineering at Penn State Erie, The Behrend College** (Continued)

Will the Committee on Educational Policy recommend to the Board of Trustees adoption of the following resolution:

> RESOLVED, that the change in name of the School of Engineering and Engineering Technology to the School of Engineering at Penn State Erie, The Behrend College, is approved effective immediately.

5. **Recommendation for Approval of Administrative Appointment**

Will the Committee on Educational Policy recommend to the Board of Trustees adoption of the following resolution:

> RESOLVED, That the Board of Trustees approves President Graham B. Spanier's appointment of Dr. Harold Henry C. “Hank” Foley as Dean of the College of Information Sciences and Technology effective November 20, 2006.

(Editorially amended at the meeting.)

6. **Informational Report on Enrollment Management**

Dr. Randall C. Deike, Associate Vice President for Enrollment Management and Executive Director for Undergraduate Admissions, will present an informational report on Penn State’s admissions and enrollments.

7. **Informational Report on the Spellings Commission**

Dr. Rodney A. Erickson, Executive Vice President and Provost of the University, will discuss the report and recommendations of the Commission on the Future of Higher Education, appointed by U.S. Education Secretary Margaret Spellings, as well as the implications of the Commission’s report for Penn State and the higher education community.

8. **Pending Legal Matters**

An informational report will be presented on pending legal matters relating to policies normally considered by the Committee on Educational Policy.