**COUNCIL ON ACADEMIC AFFAIRS**

**200 BRICKER HALL / ZOOM**

**May 16, 2023**

**1-3 PM**

**MINUTES**

**Attendance**

**Faculty**:

**✓** Dr. Rebecca Andridge (College of Public Health)

**✓** Dr. Eric Bielefeld (Department of Speech and Hearing Sciences)

Dr. Patricia Enciso (Department of Teaching and Learning)

Dr. Jill Galvan (Department of English)

**✓** Dr. Wendy Hesford (Department of English)

**✓** Dr. Tara King (College of Nursing)

**✓** Dr. Fabio Leite (Department of Psychology)

**✓** Dr. Berry Lyons (School of Earth Sciences)

Dr. Andrea Prud’homme (Fisher College of Business)

Dr. Vidya Raman (Department of Anesthesiology)

**Staff:**

**✓** Mr. Peter Spreitzer (University Exploration)

**Students**:

Mr. Amogh Iyer (IPC, Medicine)

Ms. Emily Johnson (USG, Sociology)

**✓** Ms. Meghan Mitchell (USG, Public Affairs and Sport Industry)

Ms. Laine Rumreich (CGS, Computer Science and Engineering)

Ms. Carrie Anne Thomas (CGS, Teaching and Learning)

**Administrator**:

**✓** Dr. W. Randy Smith (Office of Academic Affairs), Vice Chair

**Guests**:

Dr. Betty Lise Anderson (Department of Electrical and Computer Engineering)

Dr. Shanker Balasubramaniam (Department of Electrical and Computer Engineering)

Dr. Rob Greenbaum (Office of Academic Affairs)

Dr. David Jenkins (College of Social Work)

Dr. Andrew Martin (College of Arts and Sciences)

Dr. Maria Miriti (Graduate School)

Ms. Rosie Quinzon-Bonello (College of Engineering)

Dr. Tasha Snyder (College of Education and Human Ecology)

Ms. Karen Sondrini (Office of the University Registrar)

Ms. Katie Stanutz (Department of English)

**The meeting came to order at 1:02 p.m.**

**COMMENTS FROM THE CHAIR – PROFESSOR REBECCA ANDRIDGE**

This is likely the Council’s last meeting in Bricker Hall as the Office of Academic Affairs is moving to University Square South in late-May.

Andridge thanked everyone in attendance for making the time to attend a summer meeting.

**COMMENTS FROM THE VICE CHAIR – PROFESSOR W. RANDY SMITH**

Smith informed the Council that we will electronically vote on today’s proposal as we do not have a quorum.

Three Council proposals will be discussed at the Board of Trustees meeting on May 17, 2023: proposal to change the name of the Master of Dental Hygiene degree program; proposal to establish a Master of Health and Wellness degree program; and proposal to establish a Doctor of Education in Teaching and Learning with a specialization in Practitioner Inquiry of Equity-Based Advocacy.

This Councill will review the following centers during Summer 2023: Center for Innovation Strategies; Criminal Justice Research Center; Institute for Population Research; and the Nationwide Center for Advanced Consumer Insights.

The Graduate School’s curriculum review process is being reviewed to see if it can be more efficient.

Recommendations will soon be submitted on micro-credentials and stackable certificates offerings at Ohio State.

There is an increasing interest in forming partnerships between our graduate programs and international programs.

The Provost will soon receive a report on the revised General Education’s first year of implementation.

Norman Jones, Vice Provost for Undergraduate Education, hosted a PebblePad showcase on May 1, 2023. PebblePad is the software students will use to submit their GE portfolios.

The University Teacher Educator Council (UTEC) met on May 5, 2023. UTEC is co-chaired by the Office of Academic Affairs and the College of Education and Human Ecology. UTEC is monitoring teacher placement as students graduate.

The Committee on Academic Misconduct (COAM) is running smoothly. The University Senate approved an increase to the number of faculty who can help with the COAM caseload.

The New Skills Ready Network hosted a convening in Nashville, TN on May 11-12, 2023. Smith and

several others represented Ohio State at the meeting. The network is helping to build stronger relationships between Columbus City Schools, Columbus State Community College, and Ohio State.

The following units have had, or will have, academic unit reviews in Spring 2023: Computer Science and Engineering; Dentistry; Teaching and Learning; Neurological Surgery; Agricultural Communication, Education, and Leadership; Food, Agricultural, and Biological Engineering; Engineering Education; Chemistry and Biochemistry; and Ophthalmology.

Ohio State will host its second STEAMM Rising Institute this summer. The Institute is an opportunity for Columbus City School teachers to visit Ohio State classrooms and labs with the goal of growing the next generation of teachers and students focused on innovation. Abbott Laboratories and JPMorgan Chase will host informational sessions.

The Ohio Department of Higher Education hosted a meeting on April 27, 2023, to discuss issues surrounding anatomy and physiology courses in the Ohio Transfer Module.

Adrienne Bricker, Assistant Vice Provost for Enrollment Policy, Connection and Technology, is leaving the University. Her last day is May 19, 2023. Smith shared his appreciation for all Bricker’s work—particularly during Covid-19.

The occupants of Bricker Hall—including the Office of Academic Affairs—is soon moving to University Square South (USS). USS will be located at 15 E. 15th Avenue. The location of future Council meetings is to be determined.

**INFORMATIONAL ITEMS – PROFESSOR W. RANDY SMITH**

* **Revision to the Philosophy, Politics and Economics major – College of Arts and Sciences**

The College of Arts and Sciences revised the Philosophy, Politics, and Economics (PPE) major. Adjustments were made to the list of courses allowed under the PPE Foundations and PPE Concentration requirements.

Smith noted that the PPE major has been quite successful, growing from 20 to 200 students in five years.

The Council did not express any concerns.

* **Revision to the Exercise Science Education program – College of Education and Human Ecology**

The Department of Human Sciences made a small revision to the Exercise Science program. The course number for CRFRST 3416 will change to 5416, which will allow both undergraduate and graduate students to enroll.

The Council did not express any concerns.

* **Revisions to the Bachelor of Science in Engineering Technology – College of Engineering**

The College of Engineering revised the Bachelor of Science in Engineering Technology (BSET). Changes include the change of a course title, replacement of a required course with another course, and adding new mathematics requirements.

The Council did not express any concerns.

* **Update to the Chemical and Biomolecular Engineering undergraduate program – College of Engineering**

The Department of Chemical and Biomolecular Engineering is reversing changes made to its Chemical Engineering program that were approved by this Council at its meeting on April 19, 2023. The reversal will bring the program back to its 2022-23 state.

The Council did not express any concerns.

* **Course changes to CRPLAN and LARCH undergraduate programs – College of Engineering**

The Knowlton School of Architecture made several changes to courses in its City and Regional Planning and Landscape Architecture programs. Changes include updating prerequisites and course descriptions.

The Council did not express any concerns.

* **Revision to the Bachelor of Science in Industrial Systems Engineering program – College of Engineering**

The Department of Integrated Systems Engineering revised its Industrial Systems Engineering program. The Department is adding ENGR 2301 as a required non-major course.

The Council did not express any concerns.

* **Change to the Graduate Minor in Neuroscience – Neuroscience Graduate Program**

The Neuroscience Graduate Program revised its Graduate Minor in Neuroscience. The Program would like to decrease the minimum number of credit hours required for the minor from 12 to 10. This reduction will allow students to earn their minor without taking additional classes as the credit hours of two required courses decreased.

The Council did not express any concerns.

* **Update to the prerequisite requirements in the Bachelor of Science in Social Work – College of Social Work**

The College of Social Work updated its prerequisite requirements in the Bachelor of Science in Social Work degree. The College will change its Statistics requirement from STAT 1450 or higher to STAT 1350 or higher. The Department of Statistics is aware of this change.

The Council did not express any concerns.

**PROPOSAL FROM SUBCOMMITTEE A – PROFESSORS FABIO LEITE AND PATRICIA ENCISO; MS. EMILY JOHNSON AND MS. LAINE RUMREICH**

* **Proposal to revise the English BA – College of Arts and Sciences**

Guest: Katie Stanutz, Undergraduate Studies Program Manager, Department of English

The Department of English proposes to revise its English major leading to the Bachelor of Arts degree.

The proposed changes are the result of a recent external review, the changing curricular landscape with the implementation of the new GE, and discussion among faculty and staff on how to better serve students.

Proposed changes include the following:

* The reduction of major credit hours from 39 to 36.
* Reduction of the honors seminar requirement from 3 to 2 for Honors students.
* Addition of course options to fulfill the literary history breadth requirement across all concentrations.
* The elimination of the Folklore Specialization, and the incorporation of its curriculum into the Literature, Film, and Popular Culture Specialization.
* Name change to the Literature, Film, and Popular Culture Specialization in include Folklore.
* Elimination and addition of courses to the Pre-Education Specialization.
* The elimination of the application process for the Creative Writing Specialization.

These changes will better align the English majors with other majors in the College of Arts and Sciences.

The Council asked about the breakdown of English major specializations. Stanutz replied that the most popular specializations are Literature, film, and Popular Culture. There are only about 40 students enrolled in the pre-education major. The Department does anticipate an increase in Creative Writing enrollment because of these changes.

Stanutz commented that students will benefit from the removal of the application process. In the past, the application process has been a hinderance to students. The change will also help academic advisors.

The Council asked if many English majors pursue a second major. Stanutz responded that there are not many double-majors. Many students transfer from another major into English. At that point, they are typically ready to just graduate.

Andridge moved approval of the recommendation; it was approved unanimously.

* **Proposal to revise the English minor – College of Arts and Sciences**

Guest: Katie Stanutz, Undergraduate Studies Program Manager, Department of English

The Department of English proposes to revise the English minor.

The Department would like to reduce the minor’s required credit hours from 15 to 12. This change will align the English minor to other minors in the College of Arts and Sciences, which also require completion of 12 credit hours.

In addition, the Department will add new courses to the elective list that were developed for the revised GE.

The Council did not have any questions or concerns.

Andridge moved approval of the recommendation; it was approved unanimously.

**PROPOSALS FROM SUBCOMMITTEE D – PROFESSORS REBECCA ANDRIDGE AND W. RANDY SMITH**

* **Proposal to establish a 1b Undergraduate Certificate and Minor in Signal Processing – College of Engineering**

Guests: Betty Lise Anderson, Professor, Department of Electrical and Computer Engineering; Shanker Balasubramaniam, Chair, Department of Electrical and Computer Engineering

The Department of Electrical and Computer Engineering proposes to establish a Category 1b Undergraduate Certificate and Minor in Signal Processing.

Signal processing is an electrical engineering subfield that focuses on analyzing, modifying, and synthesizing signals, such as sound, images, potential fields, seismic signals, altimetry processing, and scientific measurements. Signal processing techniques are used to optimize transmissions, digital storage efficiency, correcting distorted signals, subjective video quality, and to also detect or pinpoint components of interest in measured signal.

The goal of the undergraduate offerings in signal processing is to provide a mechanism for undergraduate students in engineering, math, and the physical sciences to acquire basic competency in signal processing. Students in the Department of Electrical and Computer Engineering are not eligible to pursue these offerings.

The certificate and minor have identical curriculums. Students pursuing the certificate and minor must complete a minimum of 15 credit hours (four required courses and one elective course). Some courses do have prerequisites.

Anderson noted that other institutions only offer signal processing at the graduate-level. These offerings are pioneering in their field.

Smith noted that courses can be added to the elective lists after the offerings are approved.

The Council did not have any questions or concerns.

Andridge moved approval of the recommendations; they were approved unanimously.

* **Proposal to establish a 1b Undergraduate Certificate and Minor in Semiconductor Devices – College of Engineering**

Guests: Betty Lise Anderson, Professor, Department of Electrical and Computer Engineering; Shanker Balasubramaniam, Chair, Department of Electrical and Computer Engineering

The Department of Electrical and Computer Engineering proposes to establish a Category 1b Undergraduate Certificate and Minor in Semiconductor Devices.

A semiconductor device is an electronic component that relies on the electronic properties of a semiconductor material for its function. Its conductivity lies between conductors and insulators.

The goal of the undergraduate offerings in semiconductor devices is to provide a mechanism for undergraduate students in engineering, math, and the physical sciences to demonstrate competency in semiconductor devices to potential employers. It is expected that Intel and supporting industries will be seeking students with expertise in semiconductor devices.

The certificate and minor have identical curriculums. Students pursuing the certificate and minor must complete a minimum of 13 credit hours (two required courses and two elective courses). Some courses do have prerequisites. At least one lab course is required.

There is little to no competitive undergraduate offerings in this field.

The Council asked if there is a preference between the certificate and minor. Anderson responded that industry prefers certificates, but students are more familiar with minors. This also applies to the undergraduate offerings in signal processing.

The Council asked if the Department anticipates that some students will pursue graduate work at Ohio State. Anderson replied in the affirmative.

Andridge moved approval of the recommendations; they were approved unanimously.

* **Proposal to establish a 3a and 3b Graduate Certificate in Semiconductor Devices – College of Engineering**

Guests: Betty Lise Anderson, Professor, Department of Electrical and Computer Engineering; Shanker Balasubramaniam, Chair, Department of Electrical and Computer Engineering

The Department of Electrical and Computer Engineering proposes to establish a Category 3a and 3b Graduate Certificate in Semiconductor Devices. This proposal has been reviewed by the GS / CAA Combined Curriculum Committee and Graduate Council.

The graduate certificates in semiconductor devices share the same goal as the undergraduate offerings in semiconductor devices except that students will be working professionals.

The 3a (embedded) and 3b (stand-alone) certificates have identical curriculums. Students pursuing the certificates must complete a minimum of 13 credit hours (4-credit lab and three 3-credit courses). Lab courses cannot be overlapped with other programs.

Anderson noted that the Department does have funding from Intel to support graduate teaching associates and lab space.

Andridge moved approval of the recommendations; they were approved unanimously.

* **Proposal to establish a 3a and 3b Graduate Certificate in Semiconductor Fabrication Technology – College of Engineering**

Guests: Betty Lise Anderson, Professor, Department of Electrical and Computer Engineering; Shanker Balasubramaniam, Chair, Department of Electrical and Computer Engineering

The Department of Electrical and Computer Engineering proposes to establish a 3a and 3b Graduate Certificate in. This proposal has been reviewed by the GS / CAA Combined Curriculum Committee and Graduate Council.

Semiconductor device fabrication is the process used to manufacture semiconductor devise, typically integrated circuits such as computer processors, microcontrollers, and memory chips that are present in everyday electrical and electronic devices.

The goal of the graduate certificate offerings in semiconductor fabrication technology is to provide a mechanism for working professionals in engineering, math, and the physical sciences to demonstrate competency in semiconductor device fabrication to potential employers. It is expected that Intel and supporting industries will be seeking students with expertise in semiconductor fabrication technology.

The 3a (embedded) and 3b (stand-alone) certificates have identical curriculums. Students pursuing the certificates must complete a minimum of 13 credit hours (4-credit lab and three 3-credit courses). Lab courses cannot be overlapped with other programs.

The Council did not have any questions or concerns.

Andridge moved approval of the recommendations; they were approved unanimously.

* **Proposal to establish a 3a and 3b Graduate Certificate in Semiconductor Optoelectronics – College of Engineering**

Guests: Betty Lise Anderson, Professor, Department of Electrical and Computer Engineering; Shanker Balasubramaniam, Chair, Department of Electrical and Computer Engineering

The Department of Electrical and Computer Engineering proposes to establish a Category 3a and 3b Graduate Certificate in Semiconductor Optoelectronic. This proposal has been reviewed by the GS / CAA Combined Curriculum Committee and Graduate Council.

Semiconductor optoelectronics focuses on optoelectronics, covering the basic physical phenomena and device behavior that arise from the interaction between electromagnetic radiation and electrons in a solid. Optoelectronic devices are electrical-to-optical or optical-to-electrical transducers, or instruments that use such devices in their operation.

The goal of the graduate certificate offerings in semiconductor optoelectronics is to provide a mechanism for working professionals in engineering, math, and the physical sciences to demonstrate competency in semiconductor optoelectronics to potential employers. It is expected that Intel and supporting industries will be seeking students with expertise in semiconductor optoelectronics.

The 3a (embedded) and 3b (stand-alone) certificates have identical curriculums. Students pursuing the certificates must complete a minimum of 12 credit hours (four 3-credit courses).

The Council did not have any questions or concerns.

Andridge moved approval of the recommendations; they were approved unanimously.

Smith commented that we need to address how certificates will overlap with other certificates.

**ADDITIONAL INFORMATION – W. RANDY SMITH**

Smith is working with the University Senate on Council membership for 2023-24.

The Council next summer (virtual) meeting is on June 23, 2023. Reed will be in touch to schedule a July meeting.

The Meeting adjourned at 1:42 p.m.

Respectfully submitted,

W. Randy Smith

Katie Reed