

**THE UNIVERSITY OF WISCONSIN-MILWAUKEE  
College of Engineering and Applied Science**

**FACULTY MEETING**

**Friday, September 25, 2015 1:00 P.M. EMS E190**

**AGENDA**

**I. ANNOUNCEMENTS**

- A. Donor Recognition

**II. INTRODUCTIONS**

**A. Faculty**

- 1. Yongjin Sung, Assistant Professor, Mechanical Engineering
- 2. Jie Yu, Assistant Professor, Civil and Environmental Engineering

**B. Staff**

- 1. Andrew Dressel, Lecturer, Mechanical Engineering
- 2. Jane Martell, Human Resources Manager
- 3. Mohamed Yahiaoui, Lecturer, Mechanical Engineering

**III. INFORMAL REPORTS – See Attachment 1**

- A. Opportunity for Questions regarding Informal Reports

**IV. AUTOMATIC CONSENT BUSINESS**

- A. Minutes of April 24, 2015 meeting
- B. New Courses – See Attachment 2

**V. NEW BUSINESS**

- A. Dean Peter's General College Update

**VI. GENERAL GOOD AND WELFARE**

## VII. ADJOURNMENT

John R. Reisel, Secretary  
CEAS Faculty

JRR  
Attachments

INFORMAL REPORTS

Office of Student Services – Todd Johnson  
No Report

Career Services – Juli Pickering  
No Report

Curriculum Committee – Prof. Tabatabai

The committee met on September 2, and approved four CAR forms.

Graduate Program Subcommittee

No Report

Academic Planning Committee – Prof. Misra

(1) APC at its last meeting in May '15, elected Professor Dev Misra as the Chair for the year 2015-2016 and discussed curricular issues.

(2) Dean Peters updated the Committee of the restructuring of his office and lead a discussion on UWM and CEAS budget.

(3) In Fall '15, APC is scheduled to meet from 11am to 2pm on September 18, October 16, November 13, and December 11.

(4) APC members for year 2015-2016 are - Professors Abu-Zahra (MA), Hosseini (CS), Misra (EE), Seifoddini (IE), Tabatabai (CEE), Qu (ME), and Dean Peters (Ex-officio).

Biomedical and Health Informatics – Prof. McRoy

An award has been received from the Department Education Award to fund 8 3-year doctoral fellowships, which will be combined with TA ships to provide up to 5 years of full support. Biomedical or computational faculty from any department may potentially be a Major Advisor to students in the Biomedical and Health Informatics- so faculty should encourage capable, eligible students to apply. (Eligibility requires US citizenship/permanent residency/residency applied for and full-time enrollment.) Contact Susan McRoy for more information.

Graduate Faculty Committee – Prof. Hosseini

No Report

Faculty Senate – Prof. Reisel

In business most relevant to CEAS, the Faculty Senate conducted a Committee of the Whole discussion on the University Committee's suggested Policy Statement on Academic Freedom and Tenure. This document was created in response to Chancellor Mone's request to provide assistance in developing the campus' policies with respect to tenure in light of the changes to Chapter 36.

The Faculty Senate also approved the request to authorize the implementation of a Bachelor of Science in Biomedical Engineering.

NEW COURSES

- BME 101                    FUNDAMENTALS OF BIOMEDICAL ENGINEERING, 3 cr. U  
A system approach to physiology, cell physiology and transport, major organ systems, cardiovascular system, biomedical signal processing, biomechanics, biomedical engineering design.  
Prereq: MechEng101 (C)
- BME 495                    BIOMEDICAL INSTRUMENTATION LABORATORY, 3 cr., U  
Characteristics of measurement systems, experiment planning, sensor and system calibration, measurement of basic quantities, first and second order systems, data acquisition and processing, experimental projects.  
Prereq: BioSci 203(P), BME 101(P), ElecEng 310(P), ElecEng 436(P), MechEng 469 (C)
- BME 595                    CAPSTONE DESIGN PROJECT, 4 cr., U  
Introduction to design process and ethics; Students work in teams to plan, design, and test in a simulated real-world environment; formal oral and written reports.  
Prereq: sr st; BME 495(P)