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

# FACULTY MEETING

## Friday, September 26, 2014 1:45 p.m. EMS E190

## MINUTES

The meeting was called to order at 1:48 p.m. with Dean Brett Peters presiding. Fifty faculty members were present:

- EXCUSED: Professors Amano, D'Souza, Goyal, Hanson, Kouklin, Lopez, Nambisan, Nasiri, Pillai, Renken, Venugopalan, Wornyoh
- ABSENT: Professors Avdeev, Cheng, Liu
- GUESTS: J. Britz

#### I. ANNOUNCEMENTS

- A. Provost Britz addressed the faculty. Highlights included updates on (i) administrative searches (School of Education, and College of Health Sciences dean positions, Vice Provost for Research, Chancellor), (ii) School of Continuing Education format, (iii) the budget model and the need to generate more tuition revenue, and (iv) the needs to boost research expenditures and retain top faculty.
- B. Associate Dean Perez provided an update on ABET preparations and a primer on the upcoming site visit (November 9-11). At this time, department should be finalizing course binders and preparing the undergraduate labs for the visit.
- C. Dean Peters acknowledged Associate Dean Perez's service to the college as he has now transitioned into a <sup>1</sup>/<sub>2</sub> time role in that position.
- D. Dean Peters thanked Drs. Bravo and McRoy for being interim associate deans.

## II. INTRODUCTIONS

## A. Faculty

- 1. Ali Borji, Assistant Professor, Electrical Engineering and Computer Science
- 2. Robert Cuzner, Assistant Professor, <u>Electrical Engineering</u> and Computer Science
- 3. Jun Jie Niu, Assistant Professor, Materials Science and Engineering

- 4. Nathan Salowitz, Assistant Professor, Mechanical Engineering
- 5. Lingfeng Wang, Associate Professor, <u>Electrical Engineering</u> and Computer Science
- 6. Yin Wang, Assistant Professor, Civil and Environmental Engineering

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

### IV. AUTOMATIC CONSENT BUSINESS

A. Minutes of the April 25, 2014 meeting

### V. NEW BUSINESS

A. Update on Strategic Plan / Academic Planning

Dean Peters provided a thorough review of the progress of the college in meeting the strategic plan goals. Highlights include

- (1) Ranking of the graduate program in engineering according to USNews went from 131 in 2012 to 124 in 2014.
- (2) Nine new faculty were added in the past year.
- (3) Research expenditures decreased from \$7 million in 2011-12 to \$3.8 million in 2013-14.
- (4) Undergraduate enrollment increased from 1541 in 2012 to 1600 in 2014. B.S. graduates increased from 238 to 292.
- (5) M.S. student enrollment increased from 187 in 2012 to 211 in 2014, and Ph.D. student enrollment increased from 185 to 211.
- (6) In Fiscal Year 2014, \$390,000 was raised for CEAS through private fundraising.
- (7) The Faculty Senate has approved the Biomedical Engineering Department-like Body.

See Attachment 2 for a copy of the presentation.

### VI. GENERAL GOOD AND WELFARE - None

### VII. ADJOURNMENT

Meeting Adjourned at 3:45 p.m.

John R. Reisel, Secretary CEAS Faculty

JRR Attachments

## **INFORMAL REPORTS**

#### <u>Office of Student Services</u> – Todd Johnson

Fall 2014 Enrollment Summary - Total Enrollment 2,049 +3.9%, Undergraduate Enrollment 1,639 +5.5%, Graduate Enrollment 410 -1.9%. The increase in undergraduate enrollment is largely attributed to special (non-degree) students. 85 special students (primarily international guest students from Brazil and China) are enrolled for the fall semester. Detailed numbers can be found on the following page.

# University of Wisconsin--Milwaukee

# Comparison of Enrollments to Date

Student Limits Set: CEAS Course Limits Set:

				Fall 2014					
				September 15, 2014					
				Prior Year To Date HC	Current Year To Date HC	Differ- ence	% Differ- ence	Prior Year Final HC	Ratio: Prior Year To Date / Final
CEAS	UGRD	New Freshmen	Freshman	164	198	34	20.7%	163	100.6%
			Sophomore	4	10	6	150.0%	4	100.0%
			Total	168	208	40	23.8%	167	100.6%
		Transfer	Freshman	6	4	-2	-33.3%	5	120.0%
		Students	Sophomore	32	33	1	3.1%	30	106.7%
			Junior	39	51	12	30.8%	42	92.9%
			Senior	21	36	15	71.4%	21	100.0%
			Total	98	124	26	26.5%	98	100.0%
		New Specials	Special	19	59	40	210.5%	19	100.0%
			Total	19	59	40	210.5%	19	100.0%
		Reentry Students	Freshman	3	5	2	66.7%	3	100.0%
			Sophomore	13	9	-4	-30.8%	12	108.3%
			Junior	10	2	-8	-80.0%	11	90.9%
			Senior	15	7	-8	-53.3%	15	100.0%
			Special		1	1			
			Total	41	24	-17	-41.5%	41	100.0%
		Continuing Students	Freshman	39	22	-17	-43.6%	39	100.0%
			Sophomore	260	233	-27	-10.4%	259	100.4%
			Junior	284	268	-16	-5.6%	283	100.4%
			Senior	645	676	31	4.8%	645	100.0%
			Special		25	25			
			Total	1,228	1,224	-4	-0.3%	1,226	100.2%
		Total		1,554	1,639	85	5.5%	1,551	100.2%
	GRAD	New Graduates	Master	66	47	-19	-28.8%	66	100.0%
			Doctoral	19	35	16	84.2%	19	100.0%
			Non Degree	15	15	0	0.0%	15	100.0%
			Total	100	97	-3	-3.0%	100	100.0%
		Reentry Students	Master	1	3	2	200.0%	1	100.0%
			Doctoral	6	11	5	83.3%	5	120.0%
			Non Degree	1		-1	-100.0%	1	100.0%
			Total	8	14	6	75.0%	7	114.3%
		Continuing Students	Master	136	142	6	4.4%	138	98.6%
			Doctoral	169	150	-19	-11.2%	169	100.0%
			Non Degree	5	7	2	40.0%	5	100.0%
			Total	310	299	-11	-3.5%	312	99.4%
		Total		418	410	-8	-1.9%	419	99.8%
	Total			1,972	2,049	77	3.9%	1,970	100.1%
Total				1,972	2,049	77	3.9%	1,970	100.1%

## Career Services - Juli Pickering

## May 2014 Graduating Class Job Acceptance Statistics

- **Civil Engineering**: 85% of respondents accepted a position related to their major \* Average Salary: \$48.8K \* Salary Range: \$40.5K \$56K
- **Computer Engineering**: 67% of respondents accepted a position related to their major \* Average Salary: \$55K \*
- **Computer Science**: 88% of respondents accepted a position related to their major \* Average Salary: \$58.7K \*Salary Range: \$35K \$95K
- Electrical Engineering: 92% of respondents accepted a position related to their major \* Average Salary: \$60.3K \* Salary Range: \$48K \$71K
- **Industrial Engineering**: 75% of respondents accepted a position related to their major/planned to enroll in graduate school \* Average Salary: \$66K
- **Materials Engineering**: 75% of respondents accepted a position related to their major/planned to enroll in graduate school \* Average Salary: \$64K
- **Mechanical Engineering**: 93% of respondents accepted a position related to their major/planned to enroll in graduate school \* Average Salary: \$60.8K \* Salary Range: \$47K \$75K

### Fall Industry Expo

A record **106** employers have registered to attend the Fall Industry Expo. Please encourage students to attend! Expo will be Friday, October 3, 2014, from 9:00am - 2:00pm in the Wisconsin Room of the Student Union. Faculty members are welcome and encouraged to attend! Many companies are seeking to partner further with the college through senior design projects, guest-speaking to classes and/or research areas.

Curriculum Committee

No Report

Graduate Program Subcommittee

No Report

Academic Planning Committee - Prof. Misra

The APC met on September 5th for over two hours. Dean Peters presented an update on the status of recommendations that the Committee made over last academic year. He asked about formulating some guidelines for a possible advisory committee at the College level for promotion and tenure considerations. He also asked for developing a list of expectations from the department chairs, and evaluation mechanisms for curricula and the departments. The Committee talked about the current climate and decided to conduct a survey of the CEAS faculty that is done by someone from outside the College.

Biomedical and Health Informatics - Prof. McRoy

No Report

<u>Graduate Faculty Committee</u> – Prof. Dhingra No Report

<u>Faculty Senate</u> – Prof. Reisel The Faculty Senate approved the Biomedical Engineering Department-Like Body proposal.































