

Chairs' & Center Directors' Meeting Minutes

Date: October 21, 2013 (12:00 to 2:00 pm)
Location: WCH – Room 443
Attendees: Abbaschian, Reza
Aguilar, Guillermo
Bhanu, Bir
Garay, Javier
Haddon, Robert
Hartney, Pat
Matsumoto, Mark
Myung, Nosang
Ravi
Rodgers, Victor
Roy-Chowdhury, Amit (for Jay Farrell)
Tan, Sheldon
Wang, Albert

Absent: Balandin, Alex
Barth, Matt
Bhuyan, Laxmi
Boretz, Mitch
Farrell, Jay
Najjar, Walid
Vafai, Kambiz

The agenda for the meeting is shown in Appendix 1.

1. Welcome and call for agenda items - Reza

Reza thanked Chairs and Directors for their presentations at the October 11th meeting with the Chancellor. These presentations provided timely information for the Chancellor's for his Leadership Retreat in Palm Springs the following week.

Reza announced that the discussion of TA allocations scheduled for today's Chairs/Directors meeting is being postponed to the November 4th meeting since Laxmi and Jay are on travel. Mark's topic of Graduate Education was added to the agenda.

2. Approval of Minutes - Pat

The revised minutes of the September 27th Chairs/Directors meeting were unanimously approved.

3. Undergraduate Education – Ravi

Ravi noted the summary of freshmen enrollments per BCOE Program attached to the agenda. There are a total of 580 incoming freshmen this year which is 30 fewer than last year. This 580 figure includes 558 California residents, 18 international students and 4 freshmen from out of state. The number of international and out of state freshmen is higher than last year. Also, the number of incoming transfer students increased from 86 last

year to 120 this year. It's unclear why the number of transfer students in Chemical Engineering increased significantly this year. In response to a request, Ravi will provide data on the quality of incoming transfer students at the next Chairs/Directors meeting. Also, it was noted that the higher number of transfer students will have immediate impact on BCOE departments and so future freshmen targets should be lowered. Ravi added that this year's incoming freshmen are of higher quality than previous years so it's expected that more of them will graduate in BCOE. Reza noted that the UCR may want to combine freshmen, transfer and grad student targets for next year. BCOE's six year graduation rate is about 40% which is similar to CNAS. UCR is hiring a consultant in an effort to increase its number of incoming international undergrads to 10%. It was noted that BCOE departments receive no financial incentive to increase the number of international undergrads unlike BCOE's new program with UNEX.

Reza stated that BCOE received eight new faculty lines this year compared to 21 for CNAS and four for CHASS. Reza will provide UCR comparisons with AAU institutions at the next Chairs/Directors meeting. Ravi added that BCOE's Student Affairs Office has recently lost two staff members and that an additional staff member is being recruited by the UCR Medical School. Ravi noted that BCOE has the same number of student advisors today as it had when there were half as many undergrads.

4. Graduate Education – Mark

Mark distributed a five-year summary of BCOE grad student targets and enrollments. This year's target was 158 incoming grad students. The number of enrolled grad students this year is 171. Next year's grad student target is 201. The increase is mostly due to higher MS and International MS student targets. BCOE departments average 100% of their targets over the last five years. Mark will provide a summary of this year's UCR grad student enrollments at the next Chairs/Directors meeting. Also, Mark noted that BCOE will be hosting a GEM Gradlab on November 2nd. The purpose of this event is to encourage underrepresented minorities to pursue graduate degrees. BCOE has filled its quota of 150 registrations. In response to a question, Mark indicated that BCOE will continue to waive grad student application fees for domestic applicants.

5. Academic Recruitment Faculty Lines – Reza

Reza noted the faculty recruitment advertisement attached to the agenda. Also attached is a listing of where this ad will be placed including the Chronicle, Academic Keys and Diverse Education. Faculty recruitment posters will be sent to engineering deans across the country. Reza encouraged BCOE faculty to take these posters to conferences and meetings. Also, the MSE Program will be joining with Chemistry and Physics to advertise MSE faculty recruitments in the MSE Journal. Reza noted the recent message regarding Presidential Fellowships. He asked departments to invite candidates to campus.

Reza hopes to fill all 11 BCOE faculty searches this year so that they won't need to be continued next year. Also he hopes that additional new lines will be allocated to BCOE next year. Finally, he noted that each BCOE department searching for faculty has been allocated \$10,000 by the Dean's Office for recruitment this year.

6. Senate Committee Participation - Reza

Reza noted the recent message from Prof. Venkatram asking for volunteers for the Academic Senate's Committee on Education Policy and Grad Council. Reza stated that it's important for BCOE faculty to serve on Academic Senate committees and particularly to chair committees. Names of volunteers should be sent to Prof. Venkatram.

7. Updates from Departments and Centers

BIEN: Victor noted that the department has a new FAO, Nancy Ford and is recruiting for a 60% Grad Assistant. Also, the department is working on the recruitment for a research faculty position with MSE and ME. Lastly, the department's Advisory Committee will be meeting this week.

CEE: Nosang stated that the department's faculty search ads were going out including the joint senior hire with EE.

MSE: Javier announced that the Program's new research scientist, Youngwoo Rheem, has started and that a sale/service operation is being developed for MSE research labs. Two courses are currently being offered in MSE labs this quarter. Also, he noted that Chemistry is recruiting for three MSE faculty positions and Physics is recruiting for two. Javier has been invited to an MS&T meeting to talk about BCOE's MSE Program.

ME: Guillermo stated that the department's faculty recruitment ad is out and that a sale/service operation is being developed for its Machine Shop. Dennis Fitz has agreed to advise the SAE team's race car effort this year. Lastly, awards have been made for the Roberta Yakel and Lung-Wen Tsai scholarships (@ \$1,500 each).

CRIS: Bir stated that CRIS will be hosting the 7th annual ACM/IEEE International Conference on Distributed Smart Cameras in Palm Springs from October 29th – November 1st. Also, an IGERT Retreat has been scheduled for December 6-8 at the Arrowhead Conference Center. About 30-35 attendees are expected.

CNSE: Robert thanked MSE for scheduling MSREC IRG presentations as part of its seminar series. Robert was very impressed with these presentations.

UC Light: Albert indicated that a company is working on hospital applications for its technology. Also, there was a one-day workshop last week to discuss plans for a full ERC proposal. A possible invitation to submit a full proposal is expected within two weeks.

EE: Amit stated that the department's faculty search committees are in place.

CEN: Sheldon reported that the CEN faculty search committee has been formed and includes three representatives from CS and three from EE.

8. Staff Appreciation – December 6, 2013 – Pat

Pat announced that this year's Staff Appreciation event has been scheduled for Friday, December 6th from 3-5pm. Chancellor Wilcox will be attending this event. Pat will be requesting departmental/center nominations for "Staff Employees of the Year" awards from FAOs and MSOs. These awards include a \$75 gift card and plaque. The event will be similar to previous years.

9. Other Matters

No other matters were discussed.



Chairs' & Center Directors' Meeting

October 21, 2013

Agenda

Winston Chung Hall – Room 443

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|----|---|------------------|
| 1. | Welcome - Request for Agenda Items from the Floor | Reza |
| 2. | Approval of Minutes from September 27, 2013 Meeting | Pat |
| 3. | Undergraduate Education | Ravi |
| 4. | Academic Recruitment/Faculty Lines | Reza |
| 5. | Senate Committee Participation | Reza |
| 6. | Updates from Departments & Centers | Chairs/Directors |
| 7. | Staff Appreciation – December 6, 2013 – 3-5pm | Pat |
| 8. | Other Matters | |

Future Meeting Dates

2013

~~Monday, August 5~~
~~Monday, September 9~~
~~Friday, September 27~~
~~Friday, October 11~~
 Monday, October 21
 Monday, November 4
 Monday, November 18
 Monday, December 2
 Monday, December 16

2014

Friday, January 10
 Monday, January 27
 Monday, February 10
Friday, February 21
 Monday, March 3
 Monday, March 17
 Monday, March 31
 Monday, April 14
 Monday, April 28
 Monday, May 12
 Monday, May 26
 Monday, June 9
 Monday, June 23
 Monday, July 7

10/19/13	ENROLLED			
	Fall 2012	Fall 2013	# DIFF.	% DIFF.
FRESHMAN				
Bioengineering (BIEN)	105	71	-34	-32.4%
Bioengineering BS+MS (BEBM)	3	5	2	66.7%
Bus. Informatics (BUNF)	13	11	-2	-15.4%
Chemical Egr. (CHEN)	64	61	-3	-4.7%
Chem Egr BS+MS (CHBM)	0	1	1	n/a
Computer Egr (CEN)	69	69	0	0.0%
Computer Egr BS+MS (CNBM)	2	2	0	0.0%
Computer Science (ENCS)	72	70	-2	-2.8%
Comp. Sci. BS+MS (CSBM)	4	6	2	50.0%
Electrical Egr (ELEN)	78	90	12	15.4%
Electrical Egr BS+MS (EEBM)	0	1	1	n/a
Engineering (Pre) (ENPR)	0	1	1	n/a
Environmental Egr (ENEN)	44	52	8	18.2%
Enviro. Egr. BS+MS (ENBM)	1	1	0	0.0%
Limited (ENLM)	0	0	0	n/a
Materials Sci & Eng (MSE)	10	28	18	180.0%
Mechanical Egr (MCEN)	143	106	-37	-25.9%
Mech. Egr. BS+MS (MCBM)	2	5	3	150.0%
Total	610	580	-30	-4.9%
TRANSFER				
Bioengineering (BIEN)	8	12	4	50.0%
Bioengineering BS+MS (BEBM)	0	0	0	n/a
Bus. Informatics (BUNF)	0	0	0	n/a
Chemical Egr. (CHEN)	10	30	20	200.0%
Chem Egr BS+MS (CHBM)	0	0	0	n/a
Computer Egr (CEN)	3	6	3	100.0%
Computer Egr BS+MS (CNBM)	0	0	0	n/a
Computer Science (ENCS)	17	15	-2	-11.8%
Comp. Sci. BS+MS (CSBM)	0	0	0	n/a
Electrical Egr (ELEN)	13	17	4	30.8%
Electrical Egr BS+MS (EEBM)	0	0	0	n/a
Engineering (Pre) (ENPR)	0	0	0	n/a
Environmental Egr (ENEN)	5	5	0	0.0%
Enviro. Egr. BS+MS (ENBM)	0	0	0	n/a
Limited (ENLM)	3	3	0	0.0%
Materials Sci & Eng (MSE)	4	3	-1	-25.0%
Mechanical Egr (MCEN)	23	29	6	26.1%
Mech. Egr. BS+MS (MCBM)	0	0	0	n/a
Total	86	120	34	39.5%
TOTAL				
Bioengineering (BIEN)	113	83	-30	-26.5%
Bioengineering BS+MS (BEBM)	3	5	2	66.7%
Bus. Informatics (BUNF)	13	11	-2	-15.4%
Chemical Egr. (CHEN)	74	91	17	23.0%
Chem Egr BS+MS (CHBM)	0	1	1	n/a
Computer Egr (CEN)	72	75	3	4.2%
Computer Egr BS+MS (CNBM)	2	2	0	0.0%
Computer Science (ENCS)	89	85	-4	-4.5%
Comp. Sci. BS+MS (CSBM)	4	6	2	50.0%
Electrical Egr (ELEN)	91	107	16	17.6%
Electrical Egr BS+MS (EEBM)	0	1	1	n/a
Engineering (Pre) (ENPR)	0	1	1	n/a
Environmental Egr (ENEN)	49	57	8	16.3%
Enviro. Egr. BS+MS (ENBM)	1	1	0	0.0%
Limited (ENLM)	3	3	0	0.0%
Materials Sci & Eng (MSE)	14	31	17	121.4%
Mechanical Egr (MCEN)	166	135	-31	-18.7%
Mech. Egr. BS+MS (MCBM)	2	5	3	150.0%
TOTAL	696	700	4	0.6%

	Freshmen	Transfers
CA Resident	558	112
International	18	5
Out of State	4	1

BCOE TARGET AND ENROLLMENT HISTORY

Program	Cohort	M.S.				Ph.D.				M.S. + Ph.D.			
		Target		Enrolled		Target		Enrolled		Target		Enrolled	
		Dom	Int'l	Dom	Int'l	Dom	Int'l	Dom	Int'l	M.S.	Ph.D.	M.S.	Ph.D.
BIEN	2009-10	0	0	0	0	4	1	10	1	0	5	0	11
	2010-11	12	0	15	0	10	1	10	1	12	11	15	11
	2011-12	15	5	15	2	12	3	13	4	20	15	17	17
	2012-13	18	2	17	1	16	3	11	2	20	19	18	13
	2013-14	12	3	14	1	12	3	12	4	15	15	15	16
	2014-15	6	6			9	3			12	12		
CEE	2009-10	2	1	2	2	3	13	16	13	3	16	4	29
	2010-11	5	2	6	2	17	11	16	11	7	28	8	27
	2011-12	3	2	1	1	8	8	8	3	5	16	2	11
	2012-13	1	2	3	1	9	5	5	5	3	14	4	10
	2013-14	3	4	5	0	7	8	10	15	7	15	5	25
	2014-15	4	3			7	7			7	14		
CEN	2013-14	0	0	0	4	NA	NA	NA	NA	0	0	4	0
	2014-15	5	5			NA	NA	NA	NA	10	0	0	0
CPSC	2009-10	4	8	4	10	11	19	10	20	12	30	14	30
	2010-11	8	14	7	12	9	13	10	12	22	22	19	22
	2011-12	8	7	8	11	8	12	8	18	15	20	19	26
	2012-13	5	15	8	16	12	8	12	10	20	20	24	22
	2013-14	8	7	9	11	7	8	8	11	15	15	20	19
	2014-15	10	15			10	15			25	25		
ELEN	2009-10	5	3	9	5	8	25	9	25	8	33	14	34
	2010-11	5	5	4	3	8	21	9	21	10	29	7	30
	2011-12	5	8	2	8	7	25	7	6	13	32	10	13
	2012-13	5	10	6	4	3	12	4	21	15	15	10	25
	2013-14	6	9	3	8	7	18	2	19	15	25	11	21
	2014-15	5	20			5	20			25	25		
MSOL	2013-14	0	0	1	0	NA	NA	NA	NA	0	0	1	0
	2014-15					NA	NA	NA	NA	0	0		
MSE	2010-11	0	0	1	0	2	6	2	6	0	8	1	8
	2011-12	2	2	3	2	3	5	4	4	4	8	5	8
	2012-13	2	4	3	0	3	7	7	7	6	10	3	14
	2013-14	3	3	1	0	7	5	8	7	6	12	1	15
	2014-15	5	5			6	6			10	12		
MCEN	2009-10	4	0	6	0	5	2	6	2	4	7	6	8
	2010-11	5	3	6	2	6	2	6	1	8	8	8	7
	2011-12	15	0	7	1	5	5	5	2	15	10	8	7
	2012-13	10	3	7	2	10	2	6	3	13	12	9	9
	2013-14	6	2	10	2	3	7	5	2	8	10	12	7
	2014-15	13	0			10	1			13	11		
BCOE	2009-10	15	12	21	17	31	60	51	61	27	91	38	112
	2010-11	35	24	39	19	52	54	53	52	59	106	58	105
	2011-12	48	24	36	25	43	58	45	37	72	101	61	82
	2012-13	41	36	44	24	53	37	45	48	77	90	68	93
	2013-14	38	28	43	26	43	49	45	58	66	92	69	103
	2014-15	48	54	0	0	47	52	0	0	102	99		

Dean's General Ad Placement

- The College will place a general ad in the following multiple professional publications that specifically target underrepresented minorities and women (copy of college ad enclosed).
 - Internet or print ad postings with the Chronicle, Academic Keys, and Diverse Education by November 1, 2013.
 - Multiple professional online publications that specifically target underrepresented minorities and women (National Society of Black Engineers (NSBE), the Society of Women Engineers (SWE), the International Network of Women in Technology (WITI), the American Indian Science and Engineering Society Information Server Network (AISESnet), the Society for the Advancement of Chicanos and Native Americans in Science (SACNAS)) by November 1, 2013.

**MULTIPLE FACULTY POSITIONS
UNIVERSITY OF CALIFORNIA, RIVERSIDE
BOURNS COLLEGE OF ENGINEERING**

The Bourns College of Engineering at the University of California, Riverside invites applications for up to eleven tenure-track and tenured faculty positions beginning the 2014/2015 academic year. Specific areas of interest are provided at www.engr.ucr.edu/facultysearch/. The College has five departments - Bioengineering, Chemical and Environmental Engineering, Computer Science and Engineering, Electrical Engineering, and Mechanical Engineering, and an interdepartmental Materials Science and Engineering program, and Computer Engineering offered jointly with EE and CSE.

We seek applicants who will complement the highly motivated and entrepreneurial spirit of the College faculty, and who will contribute meaningfully to the success of future teaching, research, and service accomplishments. Incumbents are expected to initiate and sustain strong sponsored research and graduate training programs.

The Bourns College of Engineering is proud of its faculty's accomplishments and rapid growth. The College currently has 92 faculty members, 2,400 undergraduates, more than 550 graduate students, and more than \$32 million in annual research expenditures. The College is home to seven interdisciplinary and multidisciplinary research centers: The Center for Bioengineering, the Center for Environmental Research and Technology (CE-CERT), the Center for Research in Intelligent Systems (CRIS), the Center for Nanoscale Science and Engineering (CNSE), the Center for Ubiquitous Communications by Light (UC-Light), the Winston Chung Global Energy Center (WCGEC), and the Center for Phonon Optimized-Engineered Materials (POEM).

Full Consideration will be given to applications received by January 1, 2014. Applications will continue to be received until the position is filled. To apply please register through the weblink at www.engr.ucr.edu/facultysearch/ and submit the requested PDF files. For inquiries and questions please refer to the contact email address under the specific recruitment on the online applicant site.

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