

Chairs' & Center Directors' Meeting Minutes

Date: March 22, 2010 (12:00 to 2:00 pm)
Location: EBU II – Room 443
Attendees: Abbaschian, Reza
Balandin, Alex
Barth, Matt
Bhuyan, Laxmi
Boretz, Mitch
Davidson, Don
Garay, Javier (for Shankar Mahalingam)
Hartney, Pat
Lake, Roger
Matsumoto, Mark
Parker, Linda
Payne, Tom
Najjar, Walid
Ravi
Rodgers, Victor (for Jerry Schultz)
Yan, Yushan

Absent: Bhanu, Bir
Haddon, Robert
Mahalingam, Shankar
Norbeck, Joe
Schultz, Jerry

The agenda for the meeting is shown in Appendix 1.

1. Welcome and call for agenda items - Reza

The Distinguished Lecture Series topic was added to the agenda.

2. Approval of Minutes - Pat

Ravi reported that the campus held its annual UC Discovery Day last Saturday for undergrads admitted to UCR. Ravi was very pleased with the turnout of BCOE faculty at this event. His presentation to these students and their parents was well attended and many good questions were asked. Also, a new BCOE website to increase BCOE's student yield rate is being finalized and should be on-line in 7-10 days. Additionally, Ravi received positive feedback from Prof. Haggerty's committee on BCOE's proposed new breadth requirements. The Academic Senate will still need to approve individual courses. CS 8, CS 180 and ME 3 are being offered this Spring. A second concentration of courses will be directed to non-technical majors at UCR. Ravi reported that applicants are being wait listed so that BCOE can reach its 600 incoming freshmen target. It was noted that UCB is targeting 20% of its incoming undergrad students to be non-residents (to increase its tuition income). Ravi's proposed distribution of undergrad workload FTE for new General Education courses that he discussed at the 2/22/10 Chairs/Directors meeting has not received any negative feedback to date at the department level. It was stressed that this proposed distribution impacts TA funding allocations to BCOE departments and should be carefully considered by departments.

6. Commencement Status - Mark

Matt reported that Robert Brown, Director of Vehicle Environmental Engineering at Ford, has agreed to be BCOE's Commencement Speaker. Mark mentioned that departments will need to develop their lists of grad students to be hooded at this year's Commencement.

7. Departmental Updates

Javier and Reza noted that Shankar has accepted the position as Dean of the College of Engineering at the University of Alabama (Huntsville) starting next Fall.

Alex reported that MSE has finished its Grad Student Manual.

Walid stated that Computer Engineering has submitted its MS proposal to Mark for review.

Victor reported that Bioengineering is taking the lead in developing a Society for the Advancement of Hispanics/Chicanos and Native Americans in Science (SACNAS) chapter at UCR and assisting in UCR's recruitment efforts at the 2010 SACNAS National Conference in Anaheim.

Tom is working on a response to the Grad Council's review of BCOE's On-line MS Engineering proposal.

Yushan stated that he has received the Academic Senate committee's draft review of CEE's graduate program. The review is generally positive. Also, he reported that there are about 20 self-supporting MS students in CEE's grad student offer queue.

Matt reported that CE-CERT's Board of Advisors meeting is scheduled for April 13th. Also, CE-CERT will hold two events on April 14th: a dedication of its Digital Environmental Library in honor of Helen Petrauskas, the late Vice President of Environment and Safety Engineering at Ford and a ribbon cutting ceremony for its new Heavy Duty Chasis Dyno. CE-CERT will also contribute to UCR's Environmental Research Institute's Sustainability Workshop on April 15th.

8. Other Matters

Mitch noted the Distinguished Lecture Series announcement attached to the agenda. Wanda Austin, CEO of Aerospace Corporation, will give the next BCOE Distinguished Lecture on March 30th at 3pm. ME is the sponsor of this Lecture so all ME faculty and grad students should be encouraged to attend. Mitch mentioned that attendance at the last two Distinguished Lectures was very good. Dr. Bhatka Rath from the Naval Research Laboratory will give the BCOE Distinguished Lecture on April 5th on "Energy After Oil." The speaker for the April 15th Lecture, Mary Nichols from the California Air Resources Board, is unable to attend so a replacement is being selected.



Chairs' & Center Directors' Meeting

March 22, 2010

Agenda

Engineering Building Unit II – Room 443

- | | | |
|----|---|-------------------------|
| 1. | Welcome - Request for Agenda Items from the Floor | Reza |
| 2. | Approval of Minutes from March 8, 2010 Meeting | Pat |
| 3. | Research & Graduate Education Coverage | Mark |
| 4. | Faculty Recruitment | Mark |
| 5. | Undergraduate Education | Ravi |
| 6. | Commencement Status | Mark |
| 7. | Department Updates | Chairs/Center Directors |
| 8. | Other Matters | |

The next scheduled meeting will be

Monday, April 12, 2010

Please note: Meetings will be held in EBU II – Room 443

MSE Faculty Search Status As of 3/22/10

BIEN (Biomaterials area)

6 candidates discussed

- 4 jointly with CEE (Bernards, Borden, Shah, Peyton)
- 2 sole BIEN (Kim, Fang)
- Invited for campus interview: Bernads, Borden, Shah, Peyton, Fang
- **1 sole BIEN (Fang visited on 3/16), 4 jointly with CEE**

CEE (Biomaterials and Energy areas)

10 candidates discussed

- 4 jointly with BIEN (Bernards, Borden, Shah, Peyton)--Biomaterials
- 1 jointly with ME (Yong)--Energy
- 5 sole CEE (Wu, Lee, Tao, Lemieux, Liang)--Energy
- Invited for campus interview: Bernads, Borden, Shah, Peyton--Biomaterials
- Invited for campus interview: Tao, Lee, Lemieux—Energy
- **3 sole CEE, 4 jointly with BIEN**

ME (Energy area)

6 candidates discussed

- 1 jointly with ME (Yong)
- 5 sole ME (Mangolini, McCarthy, Leu, Zheng, Toberer)
- Invited for campus interview: Mangolini, Leu*, Zheng, Toberer
*Declined campus interview (already accepted an offer from Univ. of Pittsburg)
- **3 sole ME**

The area of 3D electronics is not being pursued by the MSE faculty search committee since it has been communicated to the committee that the Department of Electrical Engineering is not interested in acquiring additional faculty at this time.

In summary, as of 3/16/10, from the recommended list of candidates provided by the respective departmental ad hoc committees, 6 individuals in Biomaterials area and 11 individuals in Materials for Energy area have been discussed by the MSE faculty search committee. Of the discussed candidates, 5 are visiting campus for the Biomaterials area, and 6 for the Energy area. The MSE faculty search committee will continue to review and discuss additional applicants during the next several days to identify 4 additional candidates for campus interview in biomaterials and energy areas for the initial 15 interviews.

Bourns College of Engineering 20th Anniversary Distinguished Lecture Series

Engineering Opportunities and Challenges: The Next 20 Years

March 30, 2010, at 3 p.m.

Wanda Austin

CEO, The Aerospace Corporation

***“Getting it Right in an Imperfect World:
Catalyzing the Future”***



Dr. Wanda Austin is president and chief executive officer of The Aerospace Corporation, an independent, nonprofit organization dedicated to the objective application of science and technology toward the solution of critical issues affecting the U.S. space program and national security. She is a member of the National Academy of Engineering.

Dr. Austin is internationally recognized for her work in satellite and payload system acquisition, systems engineering, and system simulation. She has received numerous awards and was inducted into the Women in Technology International's Hall of Fame in 2007.

Engineering Building II, Room 205/206

No charge for admission; for further information, call Judy at 827-2528

The Bourns College of Engineering is celebrating its 20th anniversary during the 2009-10 academic year with a series of distinguished lectures looking ahead at the next 20 years in a variety of science and engineering topics. For a complete schedule of the Distinguished Lecture Series, please see <http://www.engr.ucr.edu/anniversary.html>

2010-11 BCOE GRADUATE RECRUITMENT TARGETS
2010-11 CAMPUS TARGETS

Dept	M.S.	Ph.D.	Total	Accepts	% of Target	College	Total	To Date	% of Target
BIEN	5	15	20	10	50.0%	BCOE	150	33	22.0%
CEE	3	17	20	7	35.0%	CHASS	???	2	#VALUE!
CSE	20	25	45	2	4.4%	CNAS	???	20	#VALUE!
EE	13	32	45	2	4.4%	DBS	???	0	#VALUE!
MSE	2	6	8	0	0.0%	GSOE	???	0	NR
ME	4	8	12	2	16.7%				
Subtotal	47	103	150	33	22.0%	Subtotal	150	55	36.7%

GradSIS Data as of March 22, 2010. Prior year data and data for other units are from March 25 in prior years.

International Students									
Program	Apps			Admits			Accepts		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
BIEN	27	28	27	5	0	0	0	0	0
CEE	85	114	129	25	25	13	3	3	4
CS	405	433	341	46	29	25	1	2	2
EE	424	423	342	63	26	10	13	7	4
MSE	NA	NA	53	NA	NA	4	2	0	0
ME	91	67	75	5	2	0	2	0	0
Total	1032	1065	967	144	82	52	21	12	10

Domestic Students									
Program	Apps			Admits			Accepts		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
BIEN	29	28	65	13	11	36	1	0	10
CEE	31	22	64	17	12	36	1	0	7
CS	43	57	68	19	27	25	3	9	2
EE	39	34	65	13	11	21	2	1	2
MSE	NA	NA	10	NA	NA	4	0	0	0
ME	20	18	26	1	7	5	0	2	2
Total	162	159	298	63	68	127	7	12	23

Total Students									
Program	Apps			Admits			Accepts		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
BIEN	56	56	92	18	11	36	1	0	10
CEE	116	136	193	42	37	49	4	3	11
CS	448	490	409	65	56	50	4	11	4
EE	463	457	407	76	37	31	15	8	6
MSE	NA	NA	63	NA	NA	8	NA	NA	0
ME	111	85	101	6	9	5	2	2	2
Total	1194	1224	1265	207	150	179	26	24	33

Unit	Apps		Admits		Accepts		One Year Percent Change		
	2009	2010	2009	2010	2009	2010	Apps	Admits	Accepts
BCOE	1224	1265	150	179	24	33	3.3%	19.3%	37.5%
CHASS	1234	1075	284	35	58	2	-12.9%	-87.7%	-96.6%
CNAS	1386	1150	248	197	22	20	-17.0%	-20.6%	-9.1%
DBS	47	51	8	6	1	0	8.5%	-25.0%	-100.0%
AGSM	344	125	63	17	15	0	-63.7%	-73.0%	-100.0%
GSOE	166	99	34	2	8	2	-40.4%	-94.1%	-75.0%
Total	4401	3765	787	436	128	57	-14.5%	-44.6%	-55.5%

