

Chairs' & Center Directors' Meeting Minutes

Date: January 11, 2010 (12:00 to 2:00 pm)

Location: EBU II – Room 443

Attendees: Abbaschian, Reza
Aguilar, Guillermo
Boretz, Mitch
Childers, Joe
Ciardo, Gianfranco
Fitz, Dennis (for Matt Barth)
Haddon, Robert
Hartney, Pat
Jiang, Tao
Mahalingam, Shankar
Matsumoto, Mark
Najjar, Walid
Ozkan, Cengiz
Payne, Tom
Ravi
Rodgers, Victor
Schultz, Jerry
Tuncel, Ertem
Wu, Jianzhong
Yan, Yushan

Absent: Balandin, Alex
Barth, Matt
Bhanu, Bir
Bhuyan, Laxmi
Lake, Roger
Norbeck, Joe
Parker, Linda
Xu, Daniel

The agenda for the meeting is shown in Appendix 1.

1. Welcome and call for agenda items - Reza

Reza welcomed the Dean Childers and BCOE's Grad Advisors to the meeting. Robert Haddon added a discussion of the MS&E Building to the agenda.

2. Grad Student Funding – Joe Childers

Joe stated that the UC Regents recently approved a \$2,300 increase in grad student fees. UCR's campus administration decided that this increase's effect on Grad Student Fellowship funding would be covered by a decrease in International NRT from 6 quarters to 4 quarters of support. In order to mitigate the effect of this loss of NRT support for BCOE, the Grad Division has increased the stipend support for BCOE incoming grad students to about \$24K/student, an increase of about \$6K/student. These additional funds for BCOE were deducted from grad student fellowship funding for other UCR colleges. In total, BCOE will be receiving about the same level of grad student funding as this year, about \$4.2M. The average per student funding for BCOE incoming grad students will be \$41,514 (including International NRT), a decrease of \$214/student from last fiscal year. Mark observed that last year, BCOE received \$18,600/student in fellowship funding plus 6 quarters of International NRT (for 72 students). This year, the amounts will be \$24K/student plus 4 quarters of International NRT. Joe reminded participants that the Grad Division will cover an unlimited amount of Domestic grad student NRT this year. In spite of budget reductions at UCR, total Grad Student Fellowship funding will remain about the same for the upcoming fiscal year. It was noted that the decrease of two quarters of International NRT will hit the Computer Science department hard. Also, Joe stated that he wants to move to lump sum funding of grad students which will allow BCOE to move funding between stipends and NRT as needed. In effect, BCOE can move funding between stipends and NRT this coming year but it needs to do this internally. Also, although there is a target of 72 quarters of NRT for BCOE, there might be additional NRT available if other colleges don't hit their incoming student targets. CHASS has already reduced its incoming grad student projections from 220 last year to 148 this year. Joe stated that he would prefer that UC eliminate NRT. The total net cost of charging and providing NRT within UC is about \$7M/year which is relatively minor. It appears that continuing to charge and provide NRT is mostly due to political reasons. It was noted as unrealistic to expect international students to be moved to candidacy at the end of 4 quarters. According to current UC policy, candidates only receive three years of NRT exemption so international students must complete their PhD within this time frame. Reza pointed out that UCR is moving towards fewer NRT funds each year so there is a distinct advantage to recruiting domestic grad students. He encouraged all BCOE faculty to be involved in grad student recruitment efforts, particularly for domestic students. Increasing the total number of grad student applications also helps BCOE's U.S. News and World Report's rankings. Lastly, Joe mentioned that SACNAS will be holding its next annual meeting this Fall in Anaheim. The Grad Division hopes to bring many of these underrepresented domestic student attendees to UCR during this event. The Grad Division will cover application fees for these underrepresented students next year.

3. Approval of Minutes - Pat

The minutes of the December 7th Chairs/Directors meeting were unanimously approved.

4. Distinguished Seminars - Mitch

Mitch reminded participants that BCOE's 20th Anniversary Distinguished Lecture Series starts this Wednesday (1/13/10). Email invitations have been sent out and posters have been distributed. Mitch stated that Reza would like two BCOE departments to adopt each of the ten Distinguished Lectures. The Lectures and proposed adopting departments are: Hackwood/Rudolf (EE/TBD); Wing (CSE/TBD); Yan (CEE/TBD); Guze (BIO/TBD); Austin (ME/CSE); Rath (CEE/ME); Nichols (CE-CERT/TBD); Venky (ME/CEE); Morikis (BIO/TBD); Payne (ALL). It was noted that if these Lectures are well attended, EBUII 205/206 may not be large enough. Mitch responded that he will be very pleased if this is the case and that we will be able to open the doors to the patio area and/or broadcast the Lectures to other locations.

5. Department Updates

Mitch noted that the kickoff meeting for the new UC Light Center will be held at UCR on January 26th.

6. Undergraduate Education - Ravi

Ravi reported that BCOE's undergrad enrollments are increasing. CNAS threatened to limit enrollment in Bio 5 to CNAS students for Winter quarter but this problem has been resolved. This would have been particularly detrimental to Bioengineering and Mechanical Engineering undergrads. Ravi suggested that appropriate BCOE courses be cross-listed by departments. An example is Fluid Dynamics. Chairs felt that this would be possible but would have to be evaluated on a course by course basis by the departments involved. Incoming Freshmen enrollments are up by 15% in BCOE. Transfer applications to BCOE are up 64% although most of this increase may be due to UCR enforcing its transfer application deadline this year. Ravi noted that current enrollments equate to 22 students per BCOE faculty. He wants to restrict future BCOE enrollments so that fewer, higher quality undergrads are admitted. As such, he suggests that each BCOE department determine a target number of undergraduates. The option of admitting BCOE undergrads as Undeclared was discussed along with the concept of a common Freshman year for BCOE students. Undeclared students would have to demonstrate they could be successful before being admitted to a BCOE program. A common Freshmen year has advantages and disadvantages. Reza mentioned that there is support at UCR for each college to determine its General Education requirements. Mark added that it's been suggested that UC move to semesters instead of quarters. Currently, UCB is the only UC campus that is on semesters.

7. Other Matters

Robert stated that UCR's proposal to NIST for MS&E Building equipment was declined. He added that the current design of the building includes a computer room which requires added cooling. He asked if any BCOE department anticipates needing this separate computer room in the near term. If not, the venting could be installed in the building but the installation of the separate cooling system could be delayed and these funds could be used for other, urgently needed, equipment. No BCOE department indicated the need for this computer room in the near term.

Mark distributed copies of the current status of BCOE grad student applications. He noted that applications to BCOE from domestic students have increased from 128 last year to 220 this year. It was also noted that BCOE has more grad student applications than either CHASS or CNAS this year.

Jerry noted Victor Rodgers efforts this year in recruiting more domestic student applications to BCOE.



Chairs' & Center Directors' Meeting

January 11, 2010

Agenda

Engineering Building Unit II – Room 443

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| 1. | Welcome - Request for Agenda Items from the Floor | Reza |
| 2. | Approval of Minutes from December 7, 2009 Meeting | Pat |
| 3. | Grad Student Funding | Joe Childers |
| 4. | Distinguished Seminars | Mitch |
| 5. | Department Updates | Chairs/Center Directors |
| 6. | Undergraduate Education | Ravi |
| 7. | Matters Arising | All |

The next scheduled meeting will be

Monday, January 25, 2010

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

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		0.0%	BCOE	150	0	0.0%
CEE	3	17	20		0.0%	CHASS	???	0	#VALUE!
CSE	20	25	45		0.0%	CNAS	???	0	#VALUE!
EE	13	32	45		0.0%	DBS	???	0	#VALUE!
MSE	2	6	8		0.0%	GSOE	???	0	NR
ME	4	8	12		0.0%				
Subtotal	47	103	150	0	0.0%	Subtotal	150	0	0.0%

Data as of January 11, 2010

International Students									
Program	Apps			Admits			Accepts		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
BIEN	21	23	22						
CEE	78	105	124						
CS	353	391	293						
EE	375	381	295						
MSE	NA	NA	38	NA	NA		NA	NA	
ME	78	56	57						
Total	905	956	829	0	0	0	0	0	0

Domestic Students									
Program	Apps			Admits			Accepts		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
BIEN	23	19	54						
CEE	24	19	51						
CS	34	45	51						
EE	29	30	46						
MSE	NA	NA	3						
ME	8	15	15						
Total	118	128	220	0	0	0	0	0	0

Total Students									
Program	Apps			Admits			Accepts		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
BIEN	44	42	76	0	0	0	0	0	0
CEE	102	124	175	0	0	0	0	0	0
CS	387	436	344	0	0	0	0	0	0
EE	404	411	341	0	0	0	0	0	0
MSE	NA	NA	41	NA	NA		NA	NA	
ME	86	71	72	0	0	0	0	0	0
Total	1023	1084	1049	0	0	0	0	0	0