

Chairs' & Center Directors' Meeting Minutes

Date: November 3, 2014 (12:00 to 2:00 pm)

Location: WCH – Room 443

Attendees: Abbaschian, Reza
Aguilar, Guillermo
Balandin, Alex
Childers, Joe
Chrobak, Marek
Farrell, Jay
Garay, Javier
Haddon, Robert
Hartney, Pat
Matsumoto, Mark
Morikis, Dimitrios
Myung, Nosang
Najjar, Walid
Ravi
Vafai, Kambiz
Wang, Albert

Absent: Barth, Matt
Boretz, Mitch
Bhanu, Bir
Tan, Sheldon

The agenda for the meeting is shown in Appendix 1.

1. Welcome and call for agenda items - Reza

Reza welcomed Joe Childers to the meeting. Joe will be discussing graduate student recruitment and Grad Division policies and future plans.

2. Graduate Division – Joe Childers

The following points were covered during Dean Childers' presentation:

- One of UCR's goals is to increase its number of graduate students. An obvious method to do this is to hire additional faculty.
- Provost Rabenstein established Provost Research Scholarships to help recruit high quality domestic grad students.
- The Grad Division can provide up to one year of fee support for domestic grad students supported for six quarters from contracts/grants. This six quarters of external support does not need to be consecutive.
- Student NRT payments go to UCOP then to UCR's Provost who provides funds to the Grad Division that then provides NRT support to schools/colleges. The schools/colleges then allocate NRT support back to the student. The net difference between this process and eliminating NRT is negligible.
- NRT considerations may be pushing grad students to candidacy quicker than they should be advanced. In effect, academic decisions are being based on financial considerations.

- It's unlikely that the Regents will eliminate NRT (since NRT is also charged to non-resident undergrads) however, several UC campuses discount NRT (for non self-supported students). Every other UC campus is helping PIs with NRT.
- One suggestion is to discount NRT after the student's first year if the student gets a GSR appointment.
- Walid commented that departments should have more NRT leeway at candidacy. Joe responded that there should be no NRT for students as long as they conform to a degree program's normative time to candidacy. There would likely need to be a limit to keep students from lingering (i.e., nine quarter limit).
- Joe added that UCR's new budgeting system will likely mitigate the NRT issue.
- UCR used to have a high proportion of international grad students but now only 27% of UCR PhDs are international students. UCR's Provost wants to admit the best students available and isn't concerned whether they are domestic or international students.
- Reza noted that international grad student limits are of concern at colleges of engineering across the nation.
- Joe would like to provide incentives to faculty and departments for recruitment of domestic (CA and non-CA) grad students. Most grad students gain residency after their first year.
- Joe stated that UCR will need to increase its number of MS students in order to attain its grad student goals. Currently, about 70% of UCR grad students are PhD students. This proportion is higher than most other UC campuses except for UCM, UCSC and UCSB. He noted that only one of these three other UC campuses is an AAU member.
- In the near term, 50% of UCR's grad students should be MS students. However, Joe realizes the need to offer incentives to colleges and faculty to accept more MS students.
- About 50% of MS fees come back to campus. The Provost would have to approve any MS student incentive program.
- UCLA compensates units for MS students. Mark added that accepting more MS students positively impacts a university's US News & World Report's rankings since these rankings are partly based on the total number of grad students (including MS) and grad student/faculty ratios.
- Engineers obtain MS degrees to advance in corporations. These corporate managers become future donors of colleges.
- Joe added that some good MS students transfer into PhD programs.
- The Grad Division gets its fellowship funds from campus once per year, in the 3rd week of Fall quarter. All fellowships during the year, including dissertation fellowships, come from this same pot of funds.
- All academic orgs can obtain dissertation fellowships. Awards are based on competition. However, only 10% of an academic unit's yearly cohort can apply.
- The Grad Division has a 1st Year Success Mentorship Program. The attrition rate for grad students taking advantage of this program is about 4% (compared to 25% for students that don't participate in this program). Joe wants to provide about 200-225 slots next year in this program.
- In response to a question, Joe remarked that he's tried (unsuccessfully) to create a culture of PhD student training at UCR which would decrease the use of post-docs. Incentives to faculty, similar to BCOE's PhD Student Reward system, should be considered by campus.
- It was recommended that representation on the Grad Council be proportionate to the distribution of grad students at UCR. BCOE only has two members (out of 18) on the Grad Council but has over 20% of UCR's grad students.
- On a separate issue, Ravi noted that a BCOE department offering a BS/MS degree program has dropped the requirement for students in the program to obtain a BS degree in four years. Ravi asked Joe if the Grad Division would object if BCOE programs eliminated this four year requirement. Joe responded that this should be a college decision.
- Guillermo asked Joe if details of financial offers to potential grad students could be separated in offer letters. In reply, Joe suggested that departments send follow-up letters to students with appointment detail.

- Reza noted that BCOE departments have high numbers of grad student applications to review which puts significant workload on departmental faculty and staff. Joe wants to return a percentage of application fees to programs but so far his proposal to do this has been rejected by campus.
- Marek noted that considerable staff workload involves manually uploading student transcripts into GradSIS. Joe responded that he believes decisions on applicants can be made using unofficial transcripts uploaded by applicants. Official transcripts would have to be provided when the student SIRS. Joe will verify this understanding with Grad Division staff and report back to BCOE.
- In conclusion, Joe asked the Chairs to send him suggestions on incentives that could be made to faculty and departments to accept more MS students.

3. Approval of Minutes - Pat

The revised minutes of the October 22nd Chairs/Directors meeting were unanimously approved.

4. IC Spending – Pat

Pat distributed copies of a document entitled “BCOE Initial Complement Funds, Campus 4-Year 50/50 Matching Balances.” He noted that IC balances on this handout are presented by fiscal year cohort and by BCOE department. UCR’s current IC policy provides campus funding for up to \$200K per faculty hire as 50/50 matching funds for equipment, supplies, technical personnel salaries/benefits and (up to \$10K) in travel expenditures. However, these items must be purchased/expended within four years of a faculty member’s appointment. The first faculty cohort that was hired under this policy started in FY 11/12. As such, these faculty need to purchase items to be matched by campus by 6/30/15. Otherwise, these campus matching funds will be lost. The amount of campus match funding at risk for this cohort is \$648K. Pat suggested that faculty in this cohort coordinate their IC purchases (that qualify for campus match funding) with their Chairs. Also, Pat noted that rebudgeting amounts from a campus-matching category such as equipment to a non-matching category such as GSR salaries, does not solve the problem and will result in the loss of campus matching funds. Pat offered to provide updates to Chairs on IC matching fund balances upon request and will present an updated report in February.

5. Department and Center Updates

BIEN: Dimitrios reported that there are five applicants so far for BIEN’s department chair recruitment. The first review of applications is scheduled for December 1st. BIEN faculty are contacting alumni and others to make them aware of this recruitment. Also, there are seven applications for the department’s lecturer recruitment.

6. Graduate Program – Mark

Mark had to leave the meeting before this topic was discussed.

7. Undergraduate Education – Ravi

Ravi reported that UC undergraduate applications are due at the end of November. As such, he recommended that BCOE programs start to develop their enrollment targets. Also, BCOE may want to revise its AIS thresholds this year. Last year, BCOE’s automatic accept AIS score was 4,500 and its automatic reject score was 4,100. BCOE evaluated applications between these thresholds. Ravi commented that BCOE may want to increase these thresholds to continue to enhance the quality of incoming freshmen. Reza added that BCOE needs to balance its number of undergraduates with numbers of MS and PhD students.

8. Other Matters

MSOL Program: Reza announced that UCR has signed the partnership agreement with Pearson/Embanet to recruit students for BCOE’s MSOL Program. He thanked all those involved.

BCOE Retreat: Reza stated that the proposed dates for BCOE's Retreat are the weekends of January 23-25 or February 6-8, 2015. Possible locations include Newport Beach, Temecula and San Diego. It was suggested that Palm Springs should also be considered.

BCOE 25th Anniversary: Reza reminded participants that 25th Anniversary speaker recommendations be sent to him.

No other matters were discussed.



Chairs' & Center Directors' Meeting

November 3, 2014

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 October 22 2014 Meeting | Pat |
| 3. | Graduate Division | Dean Childers |
| 4. | IC Spending | Pat |
| 5. | Department and Center Updates | |
| 6. | Graduate Program | Mark |
| 7. | Undergraduate Education | Ravi |
| 8. | Other Matters | |

Future Meeting Dates

2014

~~Monday, July 7~~
~~Monday, August 11~~
~~Monday, September 8~~
~~Monday, September 22~~
~~Monday, October 6~~
~~Wednesday, October 22~~
Monday, November 3
 Monday, November 17
 Monday, December 1
 Monday, December 15

2015

Monday, January 5
Friday, January 23
 Monday, February 2
Friday, February 20
 Monday, March 2
 Monday, March 16
 Monday, March 30
 Monday, April 13
 Monday, April 27
 Monday, May 11
Friday, May 29
 Monday, June 8
 Monday, June 22
 Monday, July 6
 Monday, July 20

BCOE MS/PhD Graduate Applications as of:

Program	11/2/2010			11/8/2011			11/6/2012			11/4/2013			11/3/2014			% Difference		
	Saved	Submit	Total	Saved	Submit	Total	Saved	Submit	Total	Saved	Submit	Total	Saved	Submit	Total	Saved	Submit	Total
BIEN	13	3	16	17	4	21	19	4	23	27	3	30	24	5	29	-11%	67%	-3%
CEE	27	8	35	46	12	58	29	6	35	39	3	42	41	2	43	5%	-33%	2%
CEN							0	0	0	13	2	15	14	2	16	8%	0%	7%
CPSC	96	9	105	129	29	158	121	28	149	129	23	152	104	24	128	-19%	4%	-16%
ELEN	66	21	87	126	28	154	102	25	127	74	22	96	82	17	99	11%	-23%	3%
MSOL							0	0	0	0	0	0	2	0	2	#DIV/0!	#DIV/0!	#DIV/0!
MSE	11	1	12	17	3	20	15	3	18	23	2	25	18	1	19	-22%	-50%	-24%
MCEN	21	1	22	21	9	30	25	3	28	21	5	26	24	3	27	14%	-40%	4%
BCOE	234	43	277	356	85	441	311	69	380	326	60	386	309	54	363	-5%	-10%	-6%

Domestic Applications as of:

Program	11/2/2010			11/8/2011			11/6/2012			11/4/2013			11/3/2014			% Difference		
	Saved	Submit	Total	Saved	Submit	Total	Saved	Submit	Total	Saved	Submit	Total	Saved	Submit	Total	Saved	Submit	Total
BIEN	6	2	8	13	3	16	10	2	12	13	3	16	14	2	16	8%	-33%	0%
CEE	8	2	10	14	0	14	10	1	11	17	1	18	14	2	16	-18%	100%	-11%
CEN							0	0	0	0	0	1	1	0	1	#DIV/0!	#DIV/0!	0%
CPSC	16	0	16	27	4	31	16	0	16	14	5	19	15	1	16	7%	-80%	-16%
ELEN	7	0	7	14	1	15	12	4	16	6	1	7	12	3	15	100%	200%	114%
MSOL							0	0	0	0	0	0	1	0	1	#DIV/0!	#DIV/0!	#DIV/0!
MSE	3	1	4	5	1	6	4	1	5	6	0	6	2	0	2	-67%	#DIV/0!	-67%
MCEN	10	1	11	6	0	6	9	1	10	8	2	10	6	1	7	-25%	-50%	-30%
BCOE	50	6	56	79	9	88	61	9	70	64	12	77	65	9	74	2%	-25%	-4%

International Applications as of:

Program	11/2/2010			11/8/2011			11/6/2012			11/4/2013			11/3/2014			% Difference		
	Saved	Submit	Total	Saved	Submit	Total	Saved	Submit	Total	Saved	Submit	Total	Saved	Submit	Total	Saved	Submit	Total
BIEN	7	1	8	4	1	5	9	2	11	14	0	14	10	3	13	-29%	#DIV/0!	-7%
CEE	19	6	25	32	12	44	19	5	24	22	2	24	27	0	27	23%	-100%	13%
CEN							0	0	0	13	2	14	13	2	15	0%	0%	7%
CPSC	80	9	89	102	25	127	105	28	133	115	18	133	89	23	112	-23%	28%	-16%
ELEN	59	21	80	112	27	139	90	21	111	68	21	89	70	14	84	3%	-33%	-6%
MSOL							0	0	0	0	0	0	1	0	1	#DIV/0!	#DIV/0!	#DIV/0!
MSE	8	0	8	12	2	14	11	2	13	17	2	19	16	1	17	-6%	-50%	-11%
MCEN	11	0	11	15	9	24	16	2	18	13	3	16	18	2	20	38%	-33%	25%
BCOE	184	37	221	277	76	353	250	60	310	262	48	309	244	45	289	-7%	-6%	-6%

College of Engineering
Initial Complement Funds
Campus 4-Year 50/50 Matching Balances

FY2011/2012 Cohort

Faculty Members	Unmatchable Available Funds as of 5/10/14	Matchable Available Funds 5/10/14	Total Balance of as 5/10/14	Available Match from Campus	IC End Date	Notes
Computer Science & Engr						
Hristidis, Vagelis	56,543.60	29,972.64	86,516.24	14,986.32	6/30/2015	1 year extension
Shinar, Tamar	0.00	143,744.85	143,744.85	71,872.43	6/30/2015	1 year extension
CSE Total>	56,543.60	173,717.49	230,261.09	86,858.75		
Electrical Engineering						
Ren, Wei	131,810.27	164,136.53	295,946.80	82,068.27	6/30/2015	1 year extension
Zhu, Qi	104,778.69	104,630.04	209,408.73	52,315.02	6/30/2015	1 year extension
EE Total>	236,588.96	268,766.57	505,355.53	134,383.29		
Chemical & Environmental						
Christopher, Phillip	45,348.62	154,044.00	199,392.62	77,022.00	6/30/2015	1 year extension
Ge, Xin	41,526.60	119,409.68	160,936.28	59,704.84	6/30/2015	1 year extension
Wheeldon, Ian	72,589.54	22,805.18	95,394.72	11,402.59	6/30/2014	Extension needed
CEE Total>	159,464.76	296,258.86	455,723.62	148,129.43		
Mechanical Engineering						
Franco, Elisa	127,663.11	22,207.02	149,870.13	11,103.51	6/30/2015	1 year extension
Tsutsui, Hideaki	110,764.85	136,900.78	247,665.63	68,450.39	6/30/2015	1 year extension
ME Total>	238,427.96	159,107.80	397,535.76	79,553.90		
Bioengineering						
Ghosh, Kaustabh	40,171.94	256,221.88	296,393.82	128,110.94	6/30/2015	1 year extension
Nam, Jin	114,703.52	142,239.20	256,942.72	71,119.60	6/30/2015	1 year extension
BIEN Total>	154,875.46	398,461.08	553,336.54	199,230.54		
FY11/12 Cohort Totals	845,900.74	1,296,311.80	2,142,212.54	648,155.90		

FY2012/2013 Cohort

Faculty Members	Unmatchable Available Funds as of 5/10/14	Matchable Available Funds 5/10/14	Total Balance of as 5/10/14	Available Match from Campus	IC End Date	Notes
Computer Science & Engr						
Chen, Zizhong	159,161.63	8,518.34	167,679.97	4,259.17	6/30/2015	
CSE Total>	159,161.63	8,518.34	167,679.97	4,259.17		
Electrical Engineering						
Mohsenian-Rad, Hamed	134,347.38	53,091.52	187,438.90	26,545.76	6/30/2015	
EE Total>	134,347.38	53,091.52	187,438.90	26,545.76		
Chemical & Environmental						
Guo, Juchen	120,259.48	0.00	120,259.48	0.00	6/30/2015	
Jassby, David	185,911.75	76,562.88	262,474.63	38,281.44	6/30/2015	
Liu, Haizhou	201,188.11	122,799.98	323,988.09	61,399.99	6/30/2015	
CEE Total>	507,359.34	199,362.86	706,722.20	99,681.43		
Mechanical Engineering						
Kumar, Sandeep	103,536.92	93,458.56	196,995.48	46,729.28	6/30/2015	
ME Total>	103,536.92	93,458.56	196,995.48	46,729.28		
Bioengineering						
Grover, William	65,147.86	237,975.80	303,123.66	118,987.90	6/30/2015	
BIEN Total>	65,147.86	237,975.80	303,123.66	118,987.90		
FY12/13 Cohort Totals	969,553.13	592,407.08	1,561,960.21	296,203.54		

FY2013/2014 Cohort

Faculty Members	Unmatchable Available Funds as of 5/10/14	Matchable Available Funds 5/10/14	Total Balance of as 5/10/14	Available Match from Campus	IC End Date	Notes
Computer Science & Engr						
N/A	0.00	0.00	0.00	0.00		
CSE Total>	0.00	0.00	0.00	0.00		
Electrical Engineering						
Liu, Ming	144,638.55	261,183.88	405,822.43	130,591.94	6/30/2016	
EE Total>	144,638.55	261,183.88	405,822.43	130,591.94		
Chemical & Environmental						
Yan, Ruoxue	98,663.76	201,361.24	300,025.00	100,680.62	6/30/2016	
CEE Total>	98,663.76	201,361.24	300,025.00	100,680.62		
Mechanical Engineering						
Pasqualetti, Fabio	106,037.40	174,938.98	280,976.38	87,469.49	6/30/2016	
ME Total>	106,037.40	174,938.98	280,976.38	87,469.49		
Bioengineering						
N/A	0.00	0.00	0.00	0.00		
BIEN Total>	0.00	0.00	0.00	0.00		
FY13/14 Cohort Totals	349,339.71	637,484.10	986,823.81	318,742.05		

FY2014/2015 Cohort

Faculty Members	Unmatchable Available Funds as of 7/1/14	Matchable Available Funds 7/1/14	Total Balance of as 7/1/14	Available Match from Campus	IC End Date	Notes
Computer Science & Engr						
Abu-Ghazaleh, Nael	0.00	136,500.00	136,500.00	68,250.00	6/30/2017	50/50 split w/ECE
Qian, Zhiyun	0.00	126,500.00	126,500.00	63,250.00	6/30/2017	
Ramakrishnan, K.K.	0.00	246,500.00	246,500.00	123,250.00	6/30/2017	
CSE Total>	0.00	509,500.00	509,500.00	254,750.00		
Electrical Engineering						
Kassas, Zak	228,770.20	200,000.00	428,770.20	100,000.00	6/30/2017	
Yu, Nanpeng	365,604.40	139,831.00	505,435.40	69,915.50	6/30/2017	
EE Total>	594,374.60	339,831.00	934,205.60	169,915.50		
Chemical & Environmental						
Wong, Bryan	224,377.46	196,500.00	420,877.46	98,250.00	6/30/2017	
CEE Total>	224,377.46	196,500.00	420,877.46	98,250.00		
Mechanical Engineering						
Mathaudhu, Suveen	236,737.58	353,100.00	589,837.58	176,550.00	6/30/2017	
ME Total>	236,737.58	353,100.00	589,837.58	176,550.00		
Bioengineering						
N/A	0.00	0.00	0.00	0.00		
BIEN Total>	0.00	0.00	0.00	0.00		
FY14/15 Cohort Totals	1,055,489.64	1,398,931.00	2,454,420.64	699,465.50		
Grand Totals	3,220,283.22	3,925,133.98	7,145,417.20	1,962,566.99		

Unmatchable funds include summer salaries (available and reallocated to Student Support), benefits (some estimated) and housing allowances, and GSR support.

Matchable funds include office set-up, equipment, supplies, technical staff salaries/benefits, and travel.