

# **Chairs' & Center Directors' Meeting Minutes**

**Date:** February 11, 2013 (12:00 to 2:00 pm)  
**Location:** WCH – Room 443  
**Attendees:** Abbaschian, Reza  
Bhuyan, Laxmi  
Boretz, Mitch  
Farrell, Jay  
Garay, Javier  
Hartney, Pat  
Matsumoto, Mark  
Najjar, Walid  
Ravi  
Stahovich, Tom  
Vafai, Kambiz  
Vullev, Val (for Victor Rodgers)

**Absent:** Barth, Matt  
Bhanu, Bir  
Haddon, Robert  
Myung, Nosang  
Rodgers, Victor  
Tan, Sheldon  
Wang, Albert

The agenda for the meeting is shown in Appendix 1.

## **1. Welcome and call for agenda items - Reza**

Walid added an agenda item to discuss cooling in the High Performance Cluster Room (WCH 224).

## **2. Approval of Minutes - Pat**

The revised minutes of the January 28<sup>th</sup> Chairs/Directors meeting were unanimously approved.

## **3. Department and Center Updates**

MSE: Javier reported that interviews for the open MSO position for the MSE Program are being scheduled. Javier attended a lunch meeting sponsored by Mike Pazzani to discuss the upcoming RFP for NSF's MRSEC Program. About 40 people attended this meeting. The MSE Program will be hosting regular brown-bag lunch meetings which will include presentations of on-going research by MSE researchers.

BIEN: Val reported there was nothing new in Bioengineering.

CSE: Laxmi stated that the department's first faculty candidate is visiting today. His research area is Systems. A total of five candidates will be interviewed, including one female candidate.

CE: Walid reported that nothing was new with the Computer Engineering Program.

Mitch stated that February is a very heavy proposal month and that there are 24 proposals due within the next week.

EE: Jay stated that the donated equipment from B&K Precision has already arrived. EE's first faculty candidate is visiting today.

ME: Tom reported that the department did Skype interviews of 12 candidates and selected six for campus visits. One candidate has already received an offer from another institution so five will be visiting UCR. Tom indicated that doing initial interviews via Skype worked well but recommended that candidates use hard-wired internet connections (not wifi). Also, ME has received over 60 applications for its open FAO position and will start interviews soon.

On-line MS Engr: Kambiz reported that two of the Program's core courses are being offered this quarter. One course is being taught via round table discussion which required adjustments to the video recording set-up. Kambiz is working with the MSE Program and Mark Matsumoto on additional Program specializations.

#### **4. Graduate Education/Graduate Applications – Mark**

Mark distributed two handouts. The first handout compares domestic and international grad student applications, admissions offers and acceptances to date over the last three years by BCOE Program. Mark pointed out that there are four domestic and seven international acceptances so far this year. The second handout presents PhD and MS applications, admits and SIRs from AY 2010/11 to AY 2012/13 by BCOE Program. The last two sections on each side of the handout present percentages of Admits to Applications and SIRs to Admits by BCOE (MS and PhD) Program. Mark noted that the percentage of BCOE PhD SIRs to Admits declined from 49% to 43% over the three-year period. CEE's percentage of PhD SIRs to Admits declined from 50% to 21% during this period. One explanation for these decreases is the increasing quality of the applicant pools.

#### **5. Undergraduate Education/MOU w/Chinese Universities – Ravi**

Ravi distributed a handout that presents undergrad admissions data by BCOE Program. Ravi stated that a recent analysis indicates that second tier students admitted last year (based on math courses and test scores) did not perform as well as students admitted with high AIS scores. As such, Ravi stated that BCOE freshmen admissions will be based solely on AIS scores this year. The handout included two models (Logistic and "Yield Based") that could be used to reach BCOE incoming freshmen targets. BCOE can use either model. Also, Ravi noted that applicants with high AIS scores that aren't accepted into their requested BCOE Program will be offered admission to other BCOE Programs this year.

Also, Ravi stated that CS 10 now has an on-line offering (CS 10V). The "V" indicates that it's a "Virtual" course. Students will be able to enroll in either CS 10 or CS 10V. BCOE Programs that currently require CS 10 will need to vote on allowing students to take either course. In the meantime, individual exceptions can be granted. On-line offerings of CS 12 and CS 120B will also be available. Frank Vahid can be contacted for more information on these on-line courses.

Additionally, Ravi reported that there appears to be a programming bug in BCOE's course submission system. As such, the current data may not be accurate. BCOE Student Affairs will be providing this data via a back-up (manual) system until this bug is fixed.

Lastly, Ravi reported that we should be receiving student applications in April/May from the 11 Chinese universities that have formal MOUs with BCOE for the 3+1 Program (through UNEX).

## **6. Research Faculty Directory – Reza**

Reza noted that some BCOE departments list their research faculty on their website and some departments don't. There should be consistency in listing these appointments. These appointments are titled as research engineers by UCR but can have working titles of research faculty (which is preferable). After discussion, the Chairs agreed that there should be consistent listing of these appointments in BCOE departmental directories. Reza will send Chairs and Directors a listing of these appointments along with more information.

## **7. Budget Proposal– Pat**

Reza reminded Chairs and Directors that the Dean's Office needs their input for this year's Budget Proposal to campus. This input should stress increasing the number of graduate students, new faculty lines in multi and interdisciplinary areas and perhaps joint appointments with other UCR schools and colleges (such as the School of Medicine and CNAS). Pat added that this input should be submitted by the end of February to give the Dean's Office time to complete its budget proposal by the campus' 3/25/13 deadline.

## **8. Other Matters**

Walid stated that the cooling system for the High Performance Cluster Room (WCH 224) isn't working and that Physical Plant estimates it will take 2-3 weeks to obtain the \$11K repair part. This means that the specialized, expensive computing equipment in this room can't be used for another 2-3 weeks since they need adequate, consistent cooling. Pat reported that Physical Plant agreed to fix the problem last year and should have completed the job by now. He will discuss the problem and possible solutions with the Director of Physical Plant.

It was suggested that Physical Plant's support of BCOE be discussed with the Interim Chancellor when she attends an upcoming BCOE Chairs/Directors meeting. Reza will let participants know which meeting she will attend.

Lastly, Reza noted that he has a meeting with the EVC/P this week and hopes to obtain feedback on BCOE's proposal to increase the number of international MS students.



# Chairs' & Center Directors' Meeting

February 11, 2013

## Agenda

Winston Chung Hall – Room 443

- |    |  |      |
|----|--|------|
| 1. | Welcome - Request for Agenda Items from the Floor  | Reza |
| 2. | Approval of Minutes from January 28, 2013 Meeting  | Pat  |
| 3. | Department and Center Updates                      | All  |
| 4. | Graduate Education/Graduate Applications           | Mark |
| 5. | Undergraduate Education/MOU w/Chinese Universities | Ravi |
| 6. | Research Faculty Directory                         | Reza |
| 7. | Budget Proposal                                    | Pat  |
| 8. | Other Matters                                      |      |
- 

## Future Meeting Dates

2012

~~Monday, October 15~~

~~Monday, October 29~~

~~Friday, November 16~~

~~Monday, December 3~~

~~Monday, December 17~~

2013

~~Monday, January 14~~

~~Monday, January 28~~

~~Monday, February 11~~

Monday, February 25

Monday, March 11

Monday, March 25

Monday, April 8

Monday, April 22

Monday, May 6

Monday, May 20

Monday, June 3

Friday, June 14

Monday, July 1

**BCOE 2013-14 COHORT - DOMESTIC APPLICATIONS RECEIVED**

2/11/2013

DOMESTIC									
		BIEN	CEE	CEN	CPSC	ELEN	MSE	MCEN	BCOE
2013-14	MS	35	20	6	42	29	9	25	166
	PHD	46	37		30	30	21	12	176
	TOTAL	81	57	6	72	59	30	37	342
2012-13	MS	31	18		45	16	5	18	133
	PHD	25	38		42	25	11	15	156
	TOTAL	56	56	0	87	41	16	33	289
2011-12	MS	31	25		32	20	8	19	135
	PHD	22	46		36	20	22	10	156
	TOTAL	53	71	0	68	40	30	29	291

**BCOE 2013-14 COHORT - DOMESTIC ADMISSION OFFERS SENT**

2/11/2013

DOMESTIC									
		BIEN	CEE	CEN	CPSC	ELEN	MSE	MCEN	BCOE
2013-14	MS	4	7	0	0	2	3	12	28
	PHD	18	18		0	3	7	5	51
	TOTAL	22	25	0	0	5	10	17	79
2012-13	MS	4	4		0	0	0	0	8
	PHD	0	13		0	0	0	0	13
	TOTAL	4	17	0	0	0	0	0	21
2011-12	MS	0	0		0	0	1	0	1
	PHD	7	4		0	0	0	0	11
	TOTAL	7	4	0	0	0	1	0	12

**BCOE 2013-14 COHORT - DOMESTIC ADMISSIONS IN PROCESS**

2/11/2013

DOMESTIC									
		BIEN	CEE	CEN	CPSC	ELEN	MSE	MCEN	BCOE
2013-14	MS	0	2	0	0	3	2	1	8
	PHD	3	3		4	0	2	2	14
	TOTAL	3	5	0	4	3	4	3	22
2012-13	MS	2	4		0	1	0	8	15
	PHD	1	5		0	0	0	0	6
	TOTAL	3	9	0	0	1	0	8	21
2011-12	MS	0	0		0	0	0	0	0
	PHD	0	0		0	0	3	0	3
	TOTAL	0	0	0	0	0	3	0	3

**BCOE 2013-14 COHORT - DOMESTIC ACCEPTS RECEIVED**

2/11/2013

DOMESTIC									
		BIEN	CEE	CEN	CPSC	ELEN	MSE	MCEN	BCOE
2013-14	MS	1	1	0	0	0	0	0	2
	PHD	0	1		0	0	1	0	2
	TOTAL	1	2	0	0	0	1	0	4
2012-13	MS	1	0		0	0	0	0	1
	PHD	0	0		0	0	0	0	0
	TOTAL	1	0	0	0	0	0	0	1
2011-12	MS	0	0		0	0	0	0	0
	PHD	0	0		0	0	0	0	0
	TOTAL	0	0	0	0	0	0	0	0

**BCOE 2013-14 COHORT - INTERNATIONAL APPLICATIONS RECEIVED**

2/11/2013

INTERNATIONAL									
		BIEN	CEE	CEN	CPSC	ELEN	MSE	MCEN	BCOE
2013-14	MS	22	52	30	388	349	38	60	939
	PHD	28	97		205	216	64	51	661
	TOTAL	50	149	30	593	565	102	111	1600
2012-13	MS	15	44		303	290	20	53	725
	PHD	17	86		186	253	62	51	655
	TOTAL	32	130	0	489	543	82	104	1380
2011-12	MS	14	44		181	223	20	45	527
	PHD	22	79		205	198	40	41	585
	TOTAL	36	123	0	386	421	60	86	1112

**BCOE 2013-14 COHORT - INTERNATIONAL ADMISSION OFFERS SENT**

2/11/2013

INTERNATIONAL									
		BIEN	CEE	CEN	CPSC	ELEN	MSE	MCEN	BCOE
2013-14	MS	3	3	0	0	0	0	0	6
	PHD	2	15		0	8	0	0	25
	TOTAL	5	18	0	0	8	0	0	31
2012-13	MS	0	0		0	0	0	0	0
	PHD	0	0		0	0	0	0	0
	TOTAL	0	0	0	0	0	0	0	0
2011-12	MS	0	0		0	0	0	0	0
	PHD	0	0		0	0	0	0	0
	TOTAL	0	0	0	0	0	0	0	0

**BCOE 2013-14 COHORT - INTERNATIONAL ADMISSIONS IN PROCESS**

2/11/2013

INTERNATIONAL									
		BIEN	CEE	CEN	CPSC	ELEN	MSE	MCEN	BCOE
2013-14	MS	0	2	0	0	0	1	1	4
	PHD	2	11		2	6	0	0	21
	TOTAL	2	13	0	2	6	1	1	25
2012-13	MS	0	7		0	0	0	0	7
	PHD	0	13		0	6	0	0	19
	TOTAL	0	20	0	0	6	0	0	26
2011-12	MS	0	0		0	0	0	0	0
	PHD	0	0		0	0	0	1	1
	TOTAL	0	0	0	0	0	0	1	1

**BCOE 2013-14 COHORT -INTERNATIONAL ACCEPTS RECEIVED**

2/11/2013

INTERNATIONAL									
		BIEN	CEE	CEN	CPSC	ELEN	MSE	MCEN	BCOE
2013-14	MS	1	1	0	0	0	0	0	2
	PHD	0	5		0	0	0	0	5
	TOTAL	1	6	0	0	0	0	0	7
2012-13	MS	0	0		0	0	0	0	0
	PHD	0	0		0	0	0	0	0
	TOTAL	0	0	0	0	0	0	0	0
2011-12	MS	0	0		0	0	0	0	0
	PHD	0	0		0	0	0	0	0
	TOTAL	0	0	0	0	0	0	0	0

**Ph.D. APPLICATIONS**

Program	Domestic			International			Total		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
BIEN	46	41	38	17	27	23	63	68	61
CEE	38	50	40	106	79	90	144	129	130
CEN									
CPSC	40	42	41	187	209	192	227	251	233
ELEN	39	28	27	205	207	265	244	235	292
MSE	13	30	18	46	42	69	59	72	87
MCEN	13	18	19	52	42	52	65	60	71
BCOE	189	209	183	613	606	691	802	815	874

**Ph.D. ADMITS**

Program	Domestic			International			Total		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
BIEN	25	20	21	1	9	4	26	29	25
CEE	29	23	28	25	10	19	54	33	47
CEN									
CPSC	17	20	21	36	37	32	53	57	53
ELEN	17	14	13	37	30	36	54	44	49
MSE	6	8	12	10	7	12	16	15	24
MCEN	9	6	9	3	3	5	12	9	14
BCOE	103	91	104	112	96	108	215	187	212

**Ph.D. SIRS**

Program	Domestic			International			Total		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
BIEN	10	13	11	1	4	2	11	17	13
CEE	16	8	5	11	3	5	27	11	10
CEN									
CPSC	10	8	12	12	18	10	22	26	22
ELEN	9	7	4	21	6	21	30	13	25
MSE	2	4	7	6	4	6	8	8	13
MCEN	6	5	6	1	2	3	7	7	9
BCOE	53	45	45	52	37	47	105	82	92

**Ph.D. ADMITS/APPLICATIONS**

Program	Domestic			International			Total		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
BIEN	54%	49%	55%	6%	33%	17%	41%	43%	41%
CEE	76%	46%	70%	24%	13%	21%	38%	26%	36%
CEN									
CPSC	43%	48%	51%	19%	18%	17%	23%	23%	23%
ELEN	44%	50%	48%	18%	14%	14%	22%	19%	17%
MSE	46%	27%	67%	22%	17%	17%	27%	21%	28%
MCEN	69%	33%	47%	6%	7%	10%	18%	15%	20%
BCOE	54%	44%	57%	18%	16%	16%	27%	23%	24%

**Ph.D.SIRS/ADMITS**

Program	Domestic			International			Total		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
BIEN	40%	65%	52%	100%	44%	50%	42%	59%	52%
CEE	55%	35%	18%	44%	30%	26%	50%	33%	21%
CEN									
CPSC	59%	40%	57%	33%	49%	31%	42%	46%	42%
ELEN	53%	50%	31%	57%	20%	58%	56%	30%	51%
MSE	33%	50%	58%	60%	57%	50%	50%	53%	54%
MCEN	67%	83%	67%	33%	67%	60%	58%	78%	64%
BCOE	51%	49%	43%	46%	39%	44%	49%	44%	43%

### M.S. APPLICATIONS

Program	Domestic			International			Total		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
BIEN	29	55	58	11	20	21	40	75	79
CEE	28	25	20	27	47	47	55	72	67
CEN									
CPSC	34	38	50	177	216	361	211	254	411
ELEN	42	29	22	165	272	365	207	301	387
MSE	3	13	12	8	25	28	11	38	40
MCEN	23	30	24	25	50	62	48	80	86
BCOE	159	190	186	413	630	884	572	820	1070

### M.S. ADMITS

Program	Domestic			International			Total		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
BIEN	19	28	33	0	7	3	19	35	36
CEE	13	6	11	10	9	13	23	15	24
CEN									
CPSC	21	20	26	43	52	64	64	72	90
ELEN	12	10	7	23	40	19	35	50	26
MSE	2	6	4	1	5	0	3	11	4
MCEN	9	17	15	5	2	3	14	19	18
BCOE	76	87	96	82	115	102	158	202	198

### M.S. SIRS

Program	Domestic			International			Total		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
BIEN	15	15	16	0	2	1	15	17	17
CEE	6	1	1	2	1	1	8	2	2
CEN									
CPSC	7	8	8	12	11	16	19	19	24
ELEN	4	2	6	3	8	4	7	10	10
MSE	1	3	2	0	2	0	1	5	2
MCEN	6	7	7	2	1	2	8	8	9
BCOE	39	36	40	19	25	24	58	61	64

### M.S. ADMITS/APPLICATIONS

Program	Domestic			International			Total		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
BIEN	66%	51%	57%	0%	35%	14%	48%	47%	46%
CEE	46%	24%	55%	37%	19%	28%	42%	21%	36%
CEN									
CPSC	62%	53%	52%	24%	24%	18%	30%	28%	22%
ELEN	29%	34%	32%	14%	15%	5%	17%	17%	7%
MSE	67%	46%	33%	13%	20%	0%	27%	29%	10%
MCEN	39%	57%	63%	20%	4%	5%	29%	24%	21%
BCOE	48%	46%	52%	20%	18%	12%	28%	25%	19%

### M.S. SIRS/ADMITS

Program	Domestic			International			Total		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
BIEN	79%	54%	48%	#DIV/0!	29%	33%	79%	49%	47%
CEE	46%	17%	9%	20%	11%	8%	35%	13%	8%
CEN									
CPSC	33%	40%	31%	28%	21%	25%	30%	26%	27%
ELEN	33%	20%	36%	13%	20%	21%	20%	20%	38%
MSE	50%	50%	50%	0%	40%	#DIV/0!	33%	45%	50%
MCEN	67%	41%	47%	40%	50%	67%	57%	42%	50%
BCOE	51%	41%	42%	23%	22%	24%	37%	30%	32%



**Admissions this year will be based on AIS scores only!**

Program	Target	Initial Goal (75% of Target)	Logistic Model		"Yield-based" Model	
			AIS Cutoff	Projected Yield	AIS Cutoff	Projected Yield
BIEN	50	38	4200	39	4300	41
BUNF	15	11	<b>3900</b>	10	<b>3900</b>	12
CEN	60	45	4200	47	4250	43
CHEN	60	45	4050	45	4100	48
ELEN	75	56	<b>3900</b>	58	4000	56
ENCS	60	45	<b>4300</b>	51	<b>4300</b>	68
ENEN	60	45	<b>3900</b>	34	<b>3900</b>	41
MCEN	90	68	4200	72	4300	66
MSE	20	15				
<b>Total</b>	<b>490</b>	<b>368</b>				

	Initial AIS Cutoffs	
	Auto Admit	Reject
BIEN	<b>4400</b>	3900
BUNF	4300	3900
CEN	4300	3900
CHEN	4300	3900
ELEN	4300	3900
ENCS	4300	3900
ENEN	4300	3900
MCEN	<b>4400</b>	3900
MSE	4300	3900

Program	Target	Initial Goal (100% of Target)	Logistic Model		"Yield-based" Model	
			AIS Cutoff	Projected Yield	AIS Cutoff	Projected Yield
BIEN	50	50	4050	53	4250	58
BUNF	15	15	<b>3900</b>	10	<b>3900</b>	12
CEN	60	60	4100	61	4150	61
CHEN	60	60	3900	54	4050	61
ELEN	75	75	<b>3900</b>	58	3950	73
ENCS	60	60	4250	59	<b>4300</b>	68
ENEN	60	60	<b>3900</b>	34	<b>3900</b>	41
MCEN	90	90	4100	95	4200	97
MSE	20	20				
<b>Total</b>	<b>490</b>	<b>490</b>				