

Chairs' & Center Directors' Meeting Minutes

Date: April 13, 2015 (12:00 to 2:00 pm)
Location: WCH – Room 443
Attendees: Abbaschian, Reza
Balandin, Alex
Barth, Matt
Boretz, Mitch
Chrobak, Marek
Farrell, Jay
Haddon, Robert
Hartney, Pat
Matsumoto, Mark
Morikis, Dimitrios (for Bir Bhanu)
Myung, Nosang
Najjar, Walid
Parker, Linda
Rao, Masa (for Guillermo Aguilar)
Ravi
Vafai, Kambiz
Wang, Albert

Absent: Aguilar, Guillermo
Bhanu, Bir
Garay, Javier
Venkatram, Akula

The agenda for the meeting is shown in Appendix 1.

1. Welcome and call for agenda items - Reza

Reza noted that the reason he was unavailable for the last Chairs/Directors meeting was due to the birth of his first grandchild. No items were added to the agenda.

2. Approval of Minutes – Pat

The revised minutes of the March 30th Chairs/Directors meeting were unanimously approved.

3. Department and Center Updates

CEE: Nosang reported that the candidate for the joint faculty position with CE-CERT has verbally accepted our offer. A third candidate for the joint position with ME is being interviewed this week. A recommendation will be made after this visit.

UC Light: Albert stated that he is in discussions with two companies on possible collaborations.

CE-CERT: Matt noted that the new joint faculty hire with CEE will likely be bringing a post-doc. CE-CERT's Board of Advisors meeting is scheduled for May 12-13, 2015.

CNSE: Robert reported that VCR Pazzani wants to provide financial support to large (i.e., > \$50K/yr) users of the Clean Room.

ME: Masa stated that ME and MSE are working on hiring a cluster of three new faculty. Reza added that the EVC/P approved the hiring of two additional ME/MSE faculty this year to form this cluster. The equipment list being requested by these potential faculty is being reviewed by the VCR for possible funding contribution.

Mitch: Mitch reported that NSF Career workshops are being held this week. The VCR's Office is sponsoring these workshops. Also, most BCOE departments are preparing GAANN proposals for submittal this year.

CSE: Marek reported that the department's grad acceptances are lower than expected. Also, the department has received four faculty hire rejections so far. As such, CSE is preparing to make three more faculty hire offers after a vote on Wednesday.

BIEN: Dimitrios stated that the department's search committee has made a recommendation to Bir. Only one of the four applicants stood out to the search committee.

POEM: Alex stated that the center's lab is still being worked on by Physical Plant. Also, the center is coordinating activities with the new SHINES center including a new seminar series. Lastly, the center's annual report should be available in August.

ECE: Jay reported that one faculty candidate has accepted our offer. The other candidate's response deadline is tomorrow. The department will be voting on the TOE candidates this week.

MSOL: Kambiz distributed copies of several documents developed by Pearson for the MSOL program including prospectus, BrandDNA, program brochure, process map, and web landing pages for specializations. He asked that any final comments and suggestions be sent to him as soon as possible. In response to a question, Kambiz stated that the documents will list the degree as an MS in Engineering but will refer to the degree as "MS" not "MSE" to avoid confusion with our Materials, Science and Engineering program. Also, he recommended that MSOL specializations not change course offerings at this time.

4. 25th Anniversary Celebration – Linda

Linda reminded participants that the 25th Anniversary event is only five weeks away. The event will be free for BCOE faculty but tickets will need to be purchased for any guests. Honorees, including Pioneer BCOE faculty and staff will be given a free guest ticket. Also, Linda noted that CE-CERT and BCOE Board of Advisors meetings are scheduled the week before this event. Gordon Bourns will be named a BCOE Fellow during the event. Other awards include: Winston Chung - Global Innovation award; NSWC - Collaboration award; Bourns family - Sustaining Support award. Table centerpieces will include interactive iPads. A performance will be given by a math magician during the event.

5. PhD Rewards – Pat

Pat stated that announcements went out last week to faculty for this year's PhD Rewards. There were about \$180K in Rewards this year for about 60 PhD graduations. Awards were made in all BCOE departments and a total of four awards were made to CNAS faculty this year. The Chairs were highly supportive of continuing these PhD Rewards.

6. Department/Program Websites – Pat

Pat reported that Marek recently noted that some faculty information on BCOE's website is incorrect or out of date. Pat reminded the group that the Chairs recommended last year that BCOE's faculty listings only include contact information and links to personal webpages. Departmental faculty listings would also include this information and could add a brief bio and/or list areas of research interest. The intention of this recommendation was to minimize inconsistent information in the various faculty listings. Unfortunately, due to staff shortages, the faculty listings on the College's website were not changed as planned last Fall. Pat has asked Karen Bergh to complete this transition as soon as possible. Alex stated that he would prefer that College webpages continue to include short bio information and that work-study students could probably keep this information updated. Pat responded that we tried this approach in the past with inconsistent results since many faculty don't provide needed updates. In response to Alex's input, Reza formed a small group to review College webpages and make recommendations on how to proceed. The group consists of Mch Boretz, Marek Chrobak and Alex.

7. Undergraduate Education – Ravi

Ravi noted the three section document attached to the agenda. The top portion of this document presents the campus projection of the number of incoming BCOE freshmen at the 3rd week of the Fall 2015 quarter. The campus' projection of 390 is about 60 students short of BCOE's 450 target. The middle portion of the document compares the 3rd week yields of incoming freshmen in academic years 2013, 2014 and 2015 by BCOE program. The bottom portion of the document presents average AIS scores in academic years 2013, 2014 and 2015 by BCOE program. According to a separate handout, the number of freshmen SIRs to date is 140 (about one-third of BCOE's target). Ravi noted that some BCOE programs will overshoot their targets and some will undershoot targets. In order to hit our overall 3rd week target this year, some programs should consider accepting more students. Any such interest from programs should be sent to Ravi as soon as possible. Also, Ravi noted that the next ABET review is only two years away. Since ABET wants to review two complete cycles, programs need to verify that their ABET processes are running correctly. Ravi will call a meeting of ABET Coordinators soon to discuss this topic.

8. Graduate Education – Mark

Mark handed out the latest comparison of graduate student applications, admits, in-process, accepts, declines and targets between 2014 and 2015 by BCOE program. He noted that the number of admits has declined from 354 last year to 248 this year. Acceptances have declined from 105 last year to 66 this year. The number of domestic accepts has declined from 65 last year to 25 this year. However, there are 137 offers in-process this year compared to 94 last year. Some of this increase in-process files is due to delays in the Grad Division due to loss of staff. Mark encouraged programs to process files (particularly for domestic students) to the Grad Division as soon as possible.

9. Commencement – Linda

Linda reported that we're still waiting for a response from William Ford, Jr. to our invitation to be this year's Commencement Speaker. The Reception after Commencement will be held on the WCH Patio again this year. Reza added that this might be the last time we hold such a Reception since the campus wants BCOE to be included in campus-wide commencements next year.

10. Other Matters

No other matters were discussed.



Chairs' & Center Directors' Meeting

April 13 2015

Agenda

Winston Chung Hall – Room 443

- | | | |
|-----|---|-------|
| 1. | Welcome - Request for Agenda Items from the Floor | Reza |
| 2. | Approval of Minutes from March 30, 2015 Meeting | Pat |
| 3. | 25 th Anniversary Celebration | Linda |
| 4. | PhD Reward | Pat |
| 5. | Department/Program Websites | Pat |
| 6. | Undergraduate Education | Ravi |
| 7. | Graduate Education | Mark |
| 8. | Commencement | Linda |
| 9. | Department and Center Updates | |
| 10. | Other Matters | |

Please note next meeting will be on: Monday, April 27, 2015

Future Meeting Dates

<u>2014</u>	<u>2015</u>
Monday, July 7	Monday, January 5
Monday, August 11	Friday, January 23
Monday, September 8	Monday, February 2
Monday, September 22	Friday, February 20
Monday, October 6	Monday, March 2
Wednesday, October 22	Friday, March 20
Monday, November 3	Monday, March 30
Monday, November 17	Monday, April 13
Monday, December 1	Monday, April 27
Monday, December 15	Monday, May 11
	Friday, May 29
	Monday, June 8
	Monday, June 22
	Monday, July 6
	Monday, July 20

13-Apr-15

APPLICATIONS

Program	MS			PHD			MS/PHD		
	Dom	Int'l	Total	Dom	Int'l	Total	Dom	Int'l	Total
BIEN	39	28	67	38	35	73	77	63	140
CEE	34	57	91	32	86	118	66	143	209
CEN	5	128	133	0	0	0	5	128	133
CPSC	39	657	696	33	223	256	72	880	952
ELEN	27	307	334	32	195	227	59	502	561
MSOL	1	0	1	0	0	0	1	0	1
MSE	8	33	41	13	74	87	21	107	128
MCEN	26	57	83	11	64	75	37	121	158
BCOE	179	1267	1446	159	677	836	338	1944	2282

ADMITS

Program	MS			PHD			MS/PHD		
	Dom	Int'l	Total	Dom	Int'l	Total	Dom	Int'l	Total
BIEN	12	10	22	12	5	17	24	15	39
CEE	17	16	33	18	16	34	35	32	67
CEN	0	0	0	0	0	0	0	0	0
CPSC	0	0	0	16	46	62	16	46	62
ELEN	5	4	9	1	22	23	6	26	32
MSOL	0	0	0	0	0	0	0	0	0
MSE	2	3	5	5	6	11	7	9	16
MCEN	11	11	22	6	4	10	17	15	32
BCOE	47	44	91	58	99	157	105	143	248

IN PROCESS

Program	MS			PHD			MS/PHD		
	Dom	Int'l	Total	Dom	Int'l	Total	Dom	Int'l	Total
BIEN	1	1	2	0	5	5	1	6	7
CEE	0	8	8	0	3	3	0	11	11
CEN	0	4	4	0	0	0	0	4	4
CPSC	17	74	87	0	2	2	17	76	93
ELEN	1	2	3	5	3	8	6	5	11
MSOL	0	0	0	0	0	0	0	0	0
MSE	0	0	0	0	2	2	0	2	2
MCEN	0	5	5	0	4	4	0	9	9
BCOE	19	94	113	5	19	24	24	113	137

ACCEPTS

Program	MS			PHD			MS/PHD		
	Dom	Int'l	Total	Dom	Int'l	Total	Dom	Int'l	Total
BIEN	1	1	2	1	1	2	2	2	4
CEE	2	0	2	4	5	9	6	5	11
CEN	0	0	0	0	0	0	0	0	0
CPSC	0	0	0	4	15	19	4	15	19
ELEN	3	0	3	1	14	15	4	14	18
MSOL	0	0	0	0	0	0	0	0	0
MSE	1	1	2	2	2	4	3	3	6
MCEN	6	1	7	0	1	1	6	2	8
BCOE	13	3	16	12	38	50	25	41	66

DECLINES

Program	MS			PHD			MS/PHD		
	Dom	Int'l	Total	Dom	Int'l	Total	Dom	Int'l	Total
BIEN	1	2	3	3	0	3	4	2	6
CEE	4	1	5	9	9	18	13	10	23
CEN	0	0	0	0	0	0	0	0	0
CPSC	0	0	0	6	21	27	6	21	27
ELEN	1	0	1	0	6	6	1	6	7
MSOL	0	0	0	0	0	0	0	0	0
MSE	0	0	0	0	2	2	0	2	2
MCEN	0	1	1	2	0	2	2	1	3
BCOE	6	4	10	20	38	58	26	42	68

Targets

Program	MS			PHD			MS/PHD		
	Dom	Int'l	Total	Dom	Int'l	Total	Dom	Int'l	Total
BIEN	4	4	8	10	4	14	14	8	22
CEE	4	1	5	8	11	19	12	12	24
CEN	6	14	20	NA	NA	NA	6	14	20
CPSC	10	15	25	13	17	30	23	32	55
ELEN	7	23	30	7	23	30	14	46	60
MSOL	0	0	0	0	0	0	0	0	0
MSE	5	5	10	10	5	15	15	10	25
MCEN	8	4	12	8	4	12	16	8	24
BCOE	44	66	110	56	64	120	100	130	230

14-Apr-14

APPLICATIONS

Program	MS			PHD			MS/PHD		
	Dom	Int'l	Total	Dom	Int'l	Total	Dom	Int'l	Total
BIEN	33	31	64	43	38	81	76	69	145
CEE	29	45	74	37	96	133	66	141	207
CEN	6	67	73	0	0	0	6	67	73
CPSC	39	548	587	34	215	249	73	763	836
ELEN	27	369	396	24	227	251	51	596	647
MSOL	1	0	1	0	0	0	1	0	1
MSE	10	44	54	23	81	104	33	125	158
MCEN	31	70	101	25	63	88	56	133	189
BCOE	176	1174	1350	186	720	906	362	1894	2256

ADMITS

Program	MS			PHD			MS/PHD		
	Dom	Int'l	Total	Dom	Int'l	Total	Dom	Int'l	Total
BIEN	12	3	15	18	3	21	30	6	36
CEE	19	16	35	23	20	43	42	36	78
CEN	0	0	0	0	0	0	0	0	0
CPSC	5	38	43	12	37	49	17	75	92
ELEN	11	30	41	11	21	32	22	51	73
MSOL	0	0	0	0	0	0	0	0	0
MSE	5	5	10	15	3	18	20	8	28
MCEN	19	9	28	16	3	19	35	12	47
BCOE	71	101	172	95	87	182	166	188	354

IN PROCESS

Program	MS			PHD			MS/PHD		
	Dom	Int'l	Total	Dom	Int'l	Total	Dom	Int'l	Total
BIEN	0	1	1	0	0	0	0	1	1
CEE	0	4	4	0	6	6	0	10	10
CEN	0	0	0	0	0	0	0	0	0
CPSC	5	13	18	1	1	2	6	14	20
ELEN	1	13	14	4	35	39	5	48	53
MSOL	0	0	0	0	0	0	0	0	0
MSE	0	1	1	1	0	1	1	1	2
MCEN	1	4	5	1	2	3	2	6	8
BCOE	7	36	43	7	44	51	14	80	94

ACCEPTS

Program	MS			PHD			MS/PHD		
	Dom	Int'l	Total	Dom	Int'l	Total	Dom	Int'l	Total
BIEN	2	0	2	9	0	9	11	0	11
CEE	6	1	7	13	13	26	19	14	33
CEN	0	0	0	0	0	0	0	0	0
CPSC	2	1	3	5	10	15	7	11	18
ELEN	3	1	4	5	7	12	8	8	16
MSOL	0	0	0	0	0	0	0	0	0
MSE	2	0	2	8	3	11	10	3	13
MCEN	4	3	7	6	1	7	10	4	14
BCOE	19	6	25	46	34	80	65	40	105

DECLINES

Program	MS			PHD			MS/PHD		
	Dom	Int'l	Total	Dom	Int'l	Total	Dom	Int'l	Total
BIEN	4	0	4	5	1	6	9	1	10
CEE	5	6	11	5	5	10	10	11	21
CEN	0	0	0	0	0	0	0	0	0
CPSC	0	0	0	3	18	21	3	18	21
ELEN	5	1	6	4	8	12	9	9	18
MSOL	0	0	0	0	0	0	0	0	0
MSE	2	0	2	5	0	5	7	0	7
MCEN	2	2	4	6	0	6	8	2	10
BCOE	18	9	27	28	32	60	46	41	87

Targets

Program	MS			PHD			MS/PHD		
	Dom	Int'l	Total	Dom	Int'l	Total	Dom	Int'l	Total
BIEN	6	6	12	9	3	12	15	9	24
CEE	4	3	7	7	7	14	11	10	21
CEN	3	7	10	NA	NA	NA	3	7	10
CPSC	10	15	25	10	15	25	20	30	50
ELEN	5	20	25	5	20	25	10	40	50
MSOL	0	0	0	0	0	0	0	0	0
MSE	5	5	10	6	6	12	11	11	22
MCEN	13	0	13	10	1	11	23	1	24
BCOE	46	56	102	47	52	99	93	108	201

MAJOR	Projected 3rd wk paid (CA, non-referral)	Program Target
BIEN	37	50
BUNF	13	15
CEN	45	50
CHEN	42	50
ELEN	62	75
ENCS	52	55
ENEN	39	50
MCEN	84	85
MSE	16	20
	390	450

MAJOR	Yield (week 3, CA, paid, non-referral)		
	2013	2014	2015
BIEN	22.20%	20.30%	9.7%
BUNF	29.70%	28.60%	21.4%
CEN	20.20%	18.40%	16.2%
CHEN	22.30%	23.00%	17.1%
ELEN	28.40%	17.60%	21.1%
ENCS	16.00%	15.90%	10.3%
ENEN	25.80%	14.70%	21.1%
MCEN	18.90%	20.00%	17.2%
MSE	29.50%	21.40%	25.1%

MAJOR	Average AIS (CA, non-referral)		
	2013	2014	2015
BIEN	4638	4758	4848
BUNF	4215	4444	4559
CEN	4512	4554	4715
CHEN	4528	4682	4687
ELEN	4386	4487	4564
ENCS	4621	4736	4878
ENEN	4326	4556	4549
MCEN	4513	4596	4725
MSE	4329	4461	4541

MAJOR	SIRs
BIEN	24
BUNF	6
CEN	13
CHEN	19
ELEN	23
ENCS	11
ENEN	11
MCEN	30
MSE	3
	140