

Chairs' & Center Directors' Meeting Minutes

Date: October 15, 2012 (12:00 to 2:00 pm)

Location: WCH – Room 443

Attendees: Abbaschian, Reza
Bhuyan, Laxmi
Boretz, Mitch
Farrell, Jay
Garay, Javier
Haddon, Robert
Hartney, Pat
Matsumoto, Mark
Myung, Nosang
Najjar, Walid
Ravi
Schultz, Jerry (for Victor Rodgers)
Stahovich, Tom
Vafai, Kambiz
Wang, Albert

Absent: Barth, Matt
Bhanu, Bir
Rodgers, Victor
Tan, Sheldon

The agenda for the meeting is shown in Appendix 1.

1. Welcome and call for agenda items - Reza

No items were added to the agenda. The #7 topic of MSE Faculty Files was moved to #3 since Javier will need to leave the meeting by 1pm.

2. Approval of Minutes - Pat

The minutes of the October 1st Chairs/Directors meeting were unanimously approved.

3. MSE Faculty Files – Reza

Reza called attention to the draft document entitled “BCOE policy for MSE Faculty Advancement Files” which was attached to the agenda. This document establishes a college-wide policy that enables the MSE Program to provide input into the advancement files of faculty hired with an MSE faculty line. This input would consist of a letter provided by a two-member ad hoc committee and the MSE Program Chair that would be added the candidate’s file prior to candidate signing off on the file for department review. It was suggested during discussion that the MSE Program should establish its own review committee for input into all MSE joint appointments. Reza stated that the draft policy will be revised and presented at a future Chairs/Directors meeting.

4. Department and Center Updates

WCGEC: Nosang stated that the WCGEC will be receiving a one-year \$100K training grant from the Department of Commerce. This grant will enable the Center to undertake a proof of concept for a larger proposal. Also, WCGEC will be submitting a list of faculty and their capabilities to the Riverside County Office of Economic Development for its Salton Sea Project. There are two research areas in this Project: algae to biofuel and the installation of a solar farm in an alkaline environment. There is a similar algae research opportunity at Lake Elsinore. Lastly, The California Space Grant Consortium is providing \$10K to UCR's MESA Program for outreach, \$10K for undergraduate scholarships and \$10K for grad student fellowships (limited to US citizens). The scholarships and fellowships will be campus-wide efforts.

ME: Heejung Jung received an SAE Ralph R. Teetor Education Award this year.

CE: The CE Program is working on recruiting and admitting its first class of MS students.

UC Light: The Center continues to work with a local company on a design demonstration. The company is looking for venture capital. The Center has two proposals pending and is in contact with a Chinese company interested in optical communication and monitoring.

CNSE: Reza commented that he met with Dean Yates and Chuck Rowley last week. The campus expects to complete the infrastructure for two bays in the MS&E Building's Clean Room within one year. It was noted that some of the unfinished bays could be leased out to private companies looking for such clean room space.

CSE: CSE professors Harsha Madhyastha and Iulian Neamtiu received NSF Career Awards this year. Also, CSE's new faculty hire, Jeffrey Chen, received an NSF Career Award last summer. Laxmi noted that CSE received over \$6M in research awards last year. Most of this funding goes to grad students. Lastly, Michalis Faloutsos is leaving CSE to be department chair at the University of New Mexico.

EE: BK Instruments is interested in donating equipment and funding to EE. A representative from Broadcom gave a department seminar last week.

5. Undergraduate Education – Ravi

Ravi noted that BCOE Student Affairs recently lost Sonia and Amber. Alise Clouser has been hired to fill Sonia's position but Student Affairs still needs to fill two positions.

Ravi asked that departments send him proposed (36 unit) certificate programs within the next 10 days. He will forward these programs to UNEX so that they can start to market them. As a reminder, UNEX will pay the departments per confirmed seat regardless of whether the student shows up or not.

Ravi wants to revive the Foundations of Engineering effort by establishing a Physics/Calculus series of classes in BCOE. This effort would enable BCOE to make sure its students get the background it wants. It may be possible to add Chemistry and Biology classes to this Foundations effort. Ravi will put together a committee made up of one representative from each BCOE program to evaluate this effort and make recommendations.

6. Graduate Education – Mark

Mark distributed a summary of BCOE Graduate Student Recruitment Targets for 2012-13. Mark received these target figures from the Grad Division. BCOE's 2012-13 target of 179 is 12 higher than last year's target. Laxmi noted that CSE's target is 30, not 51 as presented on the summary. Mark asked that all changes and corrections to target figures be sent to him as soon as possible.

Mark stated that the Grad Division is proposing to provide \$10K for each enrolled international MS student in BCOE. These funds could be used as TA funding for PhD students.

7. TA Allocation Model – Pat

Pat distributed a spreadsheet which presented the final 2012-13 TA Allocations to BCOE departments and programs. The only change from the previous allocation methodology was to increase the Incoming Grad Student weight factor from 25% to 30%. All undergraduate courses, including service courses, will continue to be weighted at 100%. Reza added that the Incoming Grad Student weight factor will increase by 5% each year until it reaches 50%. Reza thanked the Chairs for their collegial discussion of this topic over the last several meetings.

8. ABET - Mitch

Mitch noted the ABET Training meeting that occurred last Thursday and noted that the ABET Review is only three weeks away. Reza stated that he will contact the CAC Chair. Ravi indicated that he will send out an email to BCOE faculty and lecturers with the link to his presentation at last week's ABET training session. Also, copies of the student transcripts that were sent to the ABET Review team will be sent to appropriate Chairs to review before the visit. Chairs were encouraged to prepare a list of their faculty that will be able to meet with ABET Reviewers during the visit.

9. BCOE CoA (November 9, 2012) - Reza

Reza noted the Council of Advisors Meeting Agenda attached to the agenda. This meeting is scheduled for Friday, November 9th and includes presentations from BCOE faculty, campus representatives and others. Reza noted the 2:15pm agenda item on establishing a Global Advisory Committee for BCOE. The goal of this effort will be to increase international participation in the Council of Advisors. Also, Mohammad Dehghani will make a presentation on John Hopkins University's Systems Institute at 1:30pm. The Council of Advisors meeting is open to all (except for their Executive Session). Mitch added that UCR's MESA Program's middle school robot event is scheduled for the following day and may be of interest to members of the Council of Advisors.

10. Commencement Speaker - Mitch

Mitch stated that it's not too early to start working on identifying possible BCOE Commencement Speakers. Ideal speaker candidates would be senior leaders from companies with current or potential connections to BCOE. Reza asked that nominations be forwarded to him.

11. Other Matters

No other matters were discussed.



Chairs' & Center Directors' Meeting

October 15, 2012

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 1, 2012 Meeting | Pat |
| 3. | Department and Center Updates | All |
| 4. | Undergraduate Education | Ravi |
| 5. | Graduate Education | Mark |
| 6. | TA Allocations | Pat |
| 7. | MSE Faculty Lines | Reza |
| 8. | ABET | Mitch |
| 9. | BCOE CoA (November 9, 2012) | Reza |
| 10. | Commencement Speaker | Mitch |
| 11. | 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

Draft

BCOE policy for MSE Faculty Advancement Files

BCOE establishes a college policy that requires the MSE Program Chair to identify at least two confidential MSE Ad Hoc Committee Members (in addition to the MSE Chair) to review the advancement file of each faculty member hired with an MSE faculty line, prior to the file being open for departmental (or departmental ad hoc) review. The ad hoc committee members will be selected from the campus-wide MSE faculty listing.

The MSE ad hoc committee findings will be documented in a ^{MSE}Program Chair letter to be added to the file prior to the candidate signing off on the file for dept. review.

This will allow the candidate the opportunity to add an optional comment in response to the ^{MSE}Program Chair letter prior to the entire file being reviewed by the department faculty, (and dept. ad hoc committee if applicable). The MSE Program Chair, at the request of the candidate, may present the findings of the MSE ad hoc committee at the department meeting to discuss the file.

2013-14 BCOE GRADUATE STUDENT RECRUITMENT TARGETS

Program	2013 Target			2012 Target			2012 Enrolled (Fall)		
	MS	PHD	Total	MS	PHD	Total	MS	PHD	Total
BIEN	15	15	30	20	19	39	14	13	27
CEE	7	15	22	3	14	17	1	10	11
CPSC	20/15	31/15	51/30	20	20	40	25	22	47
ELEN	15	25	40	15	15	30	10	24	34
MSE	6	12	18	6	10	16	2	12	14
MCEN	8	10	18	13	12	25	7	9	16
BCOE	71	108	179	77	90	167	59	90	149

TA Funding Allocation Model FY 2012-13

BCoE Dept	FY 2012-13										New Model 2012-13 Final TA Allocations 30% Incoming Grad Student	Previous Model 2012-13 TA Allocations 25% Incoming Grad Student
	Incoming Grad Students Fall 2012		100%				Supplemental MSE Grad Student Allocation					
	Number	% of Total	Factor	Allocation	Number	Amount	Number	Amount				
BIEN	27	18%	0.10	167,262	1	3,427					170,690	160,034
CEE	11	7%	0.11	194,565							194,565	199,487
CSE	47	31%	0.40	689,165							689,165	700,040
EE	34	23%	0.18	313,934	4	13,709					327,642	320,038
ME	16	11%	0.17	297,236	3	10,281					307,517	313,979
MS&E	15	10%	0.03	51,407							51,407	42,839
Total	150	100%	1.00	1,713,569	8	27,417					1,740,987	1,736,417

Dean's Ofc (10% of total)

190,397

Weighted Average:

Incoming Grad Students: 0.30
Undergraduate Workload FTE 0.70

MSE Grad Student Supplement: 3,427 per student

Total Proposed FY 2012-13 TA Funds Available: 3,569



Bourns College of Engineering

Council of Advisors Meeting Agenda

Friday, November 9, 2012

Winston Chung Hall 205/206

- 8:00 – 8:30 am Continental Breakfast
- 8:30 – 8:45 am Welcome & Introductions: Gordon Bourns, Chairman, Council of Advisors
- 8:45 – 9:15 am College Overview
Reza Abbaschian, Dean and William R. Johnson, Jr. Family Professor
- 9:15 – 9:45 am Winston Chung Global Energy Center
Nosang Myung, Director and Chair, Chemical & Environmental Engineering
- 9:45 – 10:15 am The New Grid Research Testbed
Michael Todd, Principal Development Engineer, CE-CERT
Sadrul Ula, Project Scientist, CE-CERT
- 10:15 – 10:45 am The Proposed Water Technology Center
Mark Matsumoto, Associate Dean; Professor, Chemical & Environmental Engineering
- 10:45 – 11:15 am Mining Big Data: Eamonn Keogh, Professor, Computer Science & Engineering
- 11:15 – 11:45am Office of Research & Economic Development: Michael Pazzani, Vice Chancellor

Winston Chung Hall 232

- 11:50 – 1:30 pm Lunch with Department Chairs and Center Directors
- 12:30 – 12:55 pm Award Winning Student Presentation
David Kisailus, Assistant Professor and Winston Chung Professor of Energy
Brian Weden, Student, IOM3 Young Persons World Lecture Completion Winner

Winston Chung Hall 205/6

- 1:30 – 2:00 pm Council Member Presentation: The Johns Hopkins Systems Institute
Mohammad Dehghani, Professor, Johns Hopkins University
- 2:00 – 2:15 pm Development Highlights: Linda Parker, Assistant Dean of Development
- 2:15 – 2:45 pm Establishing a Global Advisory Committee: Gordon Bourns, Chairman
- 2:45 – 3:45 pm Executive Session (Council Members Only)
- 3:45 – 4:45 pm Closing meeting with Dean Reza Abbaschian

First Floor Winston Chung Hall

- 4:45 – 5:30 pm Tour: Winston Chung Hall Battery Charging Station

Riverside International Automotive Museum: 815 Marlborough Avenue #200
Museum Tour & Dinner

6:00 pm