

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

Date: October 12, 2015  
Location: WCH – Room 443  
Attendees: Reza Abbaschian  
Alex Balandin  
Matt Barth  
Bir Bhanu  
Mitch Boretz  
Marek Chrobak  
Ilya Dumer (for Jay Farrell)  
Robert Haddon  
Pat Hartney  
Nosang Myung  
Walid Najjar  
Masa Rao (for Guillermo Aguilar)  
Ravi  
Kambiz Vafai  
Sharon Walker

Absent: Guillermo Aguilar  
Jay Farrell  
Javier Garay  
Akula Venkatram  
Albert Wang

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

Reza noted this morning's reception for BCOE's former dean, Satish Tripathi. Satish is currently President of SUNY, Buffalo. Reza presented Satish a 25<sup>th</sup> BCOE Anniversary Award. Satish couldn't attend BCOE's 25<sup>th</sup> Anniversary Celebration last May where these Awards were handed out. Also, Reza noted that Riverside's Long Night of Arts & Innovation last Thursday went well. BCOE was well represented by faculty and students and had about 30% of the event's exhibits. Lastly, Reza announced that CEE's senior design team won the 2015 Odebrecht Sustainability Award last week. This \$43K award will be split among the three team members, Kawai Tam and CEE's Senior Design fund. Team members are being encouraged to commercialize their small engine emissions technology as soon as possible.

### **2. Approval of minutes – Pat**

The minutes of the September 28, 2015 meeting were unanimously approved.

### **3. Graduate Education – Ravi**

Ravi stated that we're waiting for this year's grad student recruitment letter from the Grad Division. Most BCOE departments have started their grad student recruitment efforts. BCOE is participating in a student name exchange program with other universities. Ravi has downloaded 13,000 names of juniors and seniors at other universities who are interested in applying to engineering grad schools.

Ravi will make these names available to BCOE departments. The Grad Division will be paying for the initial list of GRE test takers this year. BCOE may purchase a later list during the academic year.

Ravi distributed the current list of members of the three Multidisciplinary Research Building One (MRB1) workgroups: Laboratories, Core and Vivarium. There are 1-2 BCOE faculty representatives on each workgroup but Ravi recommended that BCOE have more representatives since the timeline is short and decisions will need to be made quickly. Masa volunteered to serve on the Laboratory workgroup and Robert agreed to participate on the Core workgroup. Also, Ravi stated that most labs in MRB1 will be at the BSL2 level which appears to be acceptable to BCOE faculty. Wet 2 and Wet 3 labs may not be needed initially in MRB1 but could be added later. This building is mostly to support research in biological sciences, medicine and bioengineering. The campus expects many new cluster hires to be housed in MRB1 but Ravi has recommended that about 50% of the building should be dedicated to support existing UCR faculty. MRB1 is expected to cost \$100M with another \$50M for soft costs and interest. Ravi has suggested that walkways be designed to connect MRB1 and the future EBU3 building. UCR does not have a funding plan yet for MRB2 and/or EBU3. The campus may consider building EBU3 before MRB2 if BCOE can raise building funds. Sharon added that backup electrical power is crucial for MRB1 since it will house refrigerated biological samples.

#### **4. Undergraduate Education – Sharon**

Sharon noted UCR's new "Finish in Four" campaign. This initiative encourages students to finish their undergraduate degrees in four years. The initiative notes that finishing in four years will save them money, enable them to start earning money sooner, graduate with their friends and save time. Also, UCR's new student information system, Banner, is being implemented starting in the Winter 2016 quarter. It will be fully implemented in Spring 2016 quarter. Departmental Undergrad Advisors will need some training and BCOE's Student Affairs staff will be significantly impacted during this training period.

Sharon will be scheduling an ABET Coordinator meeting soon and asked that names of any new department ABET Coordinators be sent to her. She will ask Chairs to report on their program's ABET status at the next Chairs/Directors meeting.

Sharon and other BCOE and UCR representatives will be visiting Chinese universities participating in the GPP Program at the end of the month. She asked that these BCOE representatives be sent any appropriate departmental information that should be part of their presentations in China.

Lastly, BCOE effectively hit its incoming freshmen target of 474 and also has about 150 incoming transfer students this Fall.

#### **5. Senate Update – Venky**

Venky was unavailable for this meeting.

#### **6. Cluster Hires – Reza**

Reza reported that BCOE has been approved to search for three hires in each of four cluster hire research areas. Reza stressed that cluster hire ads need to be submitted asap and should be put in appropriate venues to reach as many potential candidates as possible. Reza noted that the Materials cluster hire ad was very good and is being submitted to several venues. Sharon added that the Provost will assess the success of attracting diversity candidates before approving additional cluster

hires next year so she stressed that ads should be put into appropriate diversity venues. She can send lists of these venues upon request. Review of cluster hire candidates can begin on 12/15/15. Reza added that cluster hire committee members should coordinate with their Chairs and share ads and procedures. A BCOE Dropbox will be set up so that cluster hire ads and materials can be shared among Chairs. All ads need to be approved by UCR's Affirmative Action Office. This Office has been able to respond quickly to such requests to date.

#### **7. NRT/TA Model – Pat**

Pat stated that the recently approved new split of MSNRT funding (with 50% of departmental income allocated to departments offering courses for MSNRT students) is effective FY 15/16. CSE expected this new policy to be retroactive to FY 14/15. After discussion, Walid agreed to share some of CEN's FY 14/15 MSNRT allocation with CSE. Reza stated that a more holistic view of instructional support costs and income should be discussed at future Chairs/Directors meetings. Pat added that the campus' new Budget Model (effective FY 16/17) will incorporate more details on these costs so such discussions will be timely.

#### **8. MSE Chair – Reza**

Reza announced that after consultations with Chairs and faculty, he is appointing Ashok Mulchandani as the new MSE Chair. This appointment will be effective 1/1/16 to coincide with Javier Garay's departure.

#### **9. Departmental Updates**

Alex reported that the recent SHINES meeting in Long Beach was very successful and included representatives from UCLA, the University of Arizona, Johns Hopkins and the University of Texas at Austin. The meeting also included a poster session. He mentioned that successful cluster hires in this area by UCR will encourage DOE's renewal of the SHINES program. He indicated that UCR has not publicized this successful meeting yet. Pat will ask Angela to contact Alex to develop a news release.

No other topics were discussed.



# Chairs' & Center Directors' Meeting

October 12, 2015

## Agenda

Winston Chung Hall – Room 443

- |     |                                                     |                  |
|-----|-----------------------------------------------------|------------------|
| 1.  | Welcome - Request for Agenda Items from the Floor   | Reza             |
| 2.  | Approval of Minutes from September 28, 2015 Meeting | Pat              |
| 3.  | Graduate Education                                  | Ravi             |
| 4.  | Undergraduate Education                             | Sharon           |
| 5.  | Senate Updates                                      | Venky            |
| 6.  | Cluster Hires                                       | Reza             |
| 7.  | NRT/TA Model                                        | Pat              |
| 8.  | MSE Chair                                           | Reza             |
| 9.  | Odebrecht/Student Award                             | Reza             |
| 10. | Department Updates                                  | Chairs/Directors |
| 11. | Other Matters                                       |                  |

**Please note next meeting will be on: Monday, October 26, 2015**

## Future Meeting Dates

### 2015

Monday, September 28  
~~Monday, October 12~~  
 Monday, October 26  
**Friday**, November 6  
 Monday, November 23  
 Monday, December 7  
 Monday, December 21

### 2016

Monday, January 11  
 Monday, January 25  
 Monday, February 8  
 Monday, February 22  
 Monday, March 7  
 Monday, March 21  
 Monday, April 4  
 Monday, April 18  
 Monday, May 2  
 Monday, May 16  
 Monday, June 6  
 Monday, June 20  
**Friday**, July 1

**MRB1 WORKGROUPS**  
Revised 2, 10/8/15

**LABORATORIES**

NAME	TITLE	DEPARTMENT	RESEARCH FOCUS
Russ Hille	Distinguished Prof	Biochemistry	Structural Biology
Todd Fiacco	Associate Prof	Cell Biology & Neuroscience	Neuroscience
Ted Karginov	Assistant Prof	Cell Biology & Neuroscience	Genetics, Mol Biol, Epigenetics
Iryna Ethell	Professor	Biomedical Sci	Neurobiology and pathogenesis
Djurica Coss	Associate Prof	Biomedical Sci	Endocrine Systems
Ashok Mulchandani	Professor	Chem & Environmental Eng.	Nanobiotech, Bioengineering
Ryan Julian	Professor	Chemistry	Mass spectrometry/peptides

**CORE**

NAME	TITLE	DEPARTMENT	RESEARCH FOCUS
Meng Chen	Assistant Professor	Botany & Plant Sci.	Plant photobiology and nuclear organization
David Carter	Academic Coord.	IIGB	Imaging and Microscopy
Hyle Park	Assistant Professor	Bioengineering	Optical imaging techniques in neuroscience
Aaron Seitz	Professor	Psychology	Brain imaging
Jaimie van Norman	Assistant Professor	Botany & Plant Sci	Live cell imaging
David Kisailus	Professor	Chemical and Environmental Engineering	Biomimetics and nanostructured materials
Krassimir Bozhilov	Director CFAMM, Academic Coord	Earth Sciences	Electron microscopy, materials imaging

**VIVARIUM**

NAME	TITLE	DEPARTMENT	RESEARCH FOCUS
Seema Tiwari-Woodruff	Associate Prof	Biomedical Sci	Sensory Processing
Khaleel Razak	Associate Prof	Psychology	Mucosal Cell Immunology
David Lo	Distinguished Prof	Biomedical Sci	Endocrine systems in vertebrates
Wendy Saltzman	Professor	Biology	Biotransport and bioreaction kinetics
Victor Rodgers	Professor	Bioengineering	Wound Healing
Manuela Martins-Green	Professor	Cell Biology & Neuroscience	