

Chairs' & Center Directors' Meeting Minutes

Date: April 2, 2012 (12:00 to 2:00 pm)

Location: WCH – Room 443

Attendees: Abbaschian, Reza
Barth, Matt
Boretz, Mitch
Farrell, Jay
Garay, Javier
Hartney, Pat
Parker, Linda
Ravi
Rodgers, Victor
Stahovich, Tom
Tan, Sheldon
Vafai, Kambiz
Wang, Albert

Absent: Bhanu, Bir
Bhuyan, Laxmi
Haddon, Robert
Matsumoto, Mark
Myung, Nosang
Najjar, Walid

The agenda for the meeting is shown in Appendix 1.

1. Welcome and call for agenda items - Reza

The Federal BIGDATA Initiative topic was added to the agenda by Mitch.

2. Approval of Minutes - Pat

The minutes of the March 9th Chairs/Directors meeting were unanimously approved.

3. Department and Center Updates

On-Line MS Degree Program: Kambiz stated that there are five core courses in development for the Program: Engineering Management (by Kristine Pence); Systems Engineering (by Dennis Rice); Engineering Globalization (by Jonathan Davidson); Engineering Economics (by Tom Stahovich) and Managing Innovation across the Engineering Discipline. The last course needs a faculty mentor. Javier agreed to develop this course. All these courses would be ENGR courses. The Program's Oversight Committee is being formed and

includes Walid Najjar (CSE), David Cocker (CEE), Heejung Jung (ME), Victor Rodgers (BIEN). A representative from EE is still needed. Kambiz has investigated the technology needed to record and offer the Program's on-line courses. The three options (and estimated first 3-year costs) are: an Echo 360 (\$27,440), Panopto (\$64,400), and Opencast Matterhorn (\$56,280). The continuing costs for these options depend on the licensing fees and amount of labor needed to operate the systems. Kambiz recommended the Echo 360 system due to its lower cost and compatibility with existing UCR equipment. Tom S. stated that ME wants to cross-list its on-line Engineering Economics course in ME. After discussion, it was recommended that all of the Program's core courses be designated as ENGR courses.

CE-CERT: Matt reported that CE-CERT hosted a major Portable Emissions Measurement System (PEMS) Conference last week. There were 170 participants at this event. CE-CERT's Board of Advisors meeting is scheduled for May 10th. On May 11th, CE-CERT will celebrate its 20th Anniversary with lectures from current and past CE-CERT researchers, administrators and students.

MSE: The program is preparing its first draft ABET self-study report. MSE Program faculty will have a meeting on Thursday in advance of next week's ABET mock review.

ME: The department's lab audits are being completed. ME is negotiating with its first faculty hire candidate. The department is finalizing its draft ABET self-study report. There will be a faculty meeting on Wednesday.

BIEN: Discussions are being held with the department's faculty hire candidate. Also, Victor had recent discussions with a representative of a company that built eco-homes in Africa. There may be opportunities for BCOE researchers to work with this company on battery power, etc. for these homes.

UC Light: Albert had recent meetings with board members of a company that is interested in using UC Light's technology. A future meeting is being scheduled with an investor of the company.

CE: The Program's ABET report is in process. The Program may need a curriculum change due to the scheduling of courses in EE and CS. A CE BS/MS Program is not yet in the UCR catalog.

EE: Jay would like to see AY 12/13 course enrollment data before committing to providing seats for the UNEX international student program discussed at the last meeting. Jay has requested data from the Dean's Office on historical US News rankings for EE. Lastly, the department is negotiating with a faculty candidate.

4. Undergraduate Education – Ravi

Ravi stated that UCR is still processing BCOE's waitlisted freshmen applicants. About half of these students have ranked their BCOE departmental preferences in case they can't get into their first choice. The students have until April 15th to complete this process. Ravi noted the mock ABET visit scheduled for next week. Reza stated that departmental faculty should be encouraged to participate in this mock visit.

Regarding the UNEX programs discussed at the last meeting, the departments want to see BCOE student enrollment data for next AY before committing to guaranteeing seats to international students. As such, BCOE Student Affairs will inform students that a hold will be put on their courses unless they submit their course plans by the 4th week of the Spring quarter.

UNEX needs to know asap of any department courses with available seats for next year. This information should be sent to Ravi this week.

Ravi stated that BCOE can team with UNEX for a Certificate in Engineering Management for foreign students. Each BCOE department needs to identify four (upper division) courses that could be offered each winter quarter for this certificate program. Seats in these courses need to be guaranteed.

5. Graduate Education - Mark

Mark was unavailable for this meeting. Reza noted that departments should encourage domestic student applicants that aren't accepted in that department (due to enrollment limits) to choose another BCOE department.

Mitch noted that seven out of the ten UCR NSF Student Fellowships this year are in BCOE. There were five such Fellowships in BCOE last year.

6. Search for the Vice Chancellor for Research - Mitch

Mitch indicated that the first of four VCR candidates is giving a visioning seminar tomorrow between 2-4pm.

7. Fellow Nomination - Linda

Linda stated that a formal nomination should be made to name Jacques Yeager as a BCOE Fellow at this year's Commencement. Jacques has been a long standing supporter of BCOE and CE-CERT and is committed to environmental issues. Matt formally nominated Jacques Yeager. This nomination was seconded and unanimously approved.

8. IEC Lab Naming Ceremony - Linda

Linda noted that the ceremony to name Nosang's lab as the IEC Lab is scheduled to begin at 10:45am on Tuesday, April 3rd in WCH 205/206. There are 75 rsvp's so far.

9. Other Matters

Fed BIGDATA Initiative: Mitch noted that the federal government has released two BIGDATA solicitations already and two more are coming soon. The deadlines for submission of proposals for these solicitations are in June/July 2012.

Dan Jeske, Chair of Statistics, has offered to partner with BCOE faculty that need statistical analysis of data.

Linda noted that an MSE student recently died in a motorcycle accident. The student's family has requested that donations be made to BCOE's MSE Program. Although the student was a senior, he hadn't completed enough course work to receive a diploma but UCR should be able to provide a Certificate of Attendance.



Chairs' & Center Directors' Meeting

April 2, 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 March 6, 2012 Meeting | Pat |
| 3. | Department and Center Updates | All |
| 4. | Undergraduate Education | Ravi |
| 5. | Graduate Education | Mark |
| 6. | Search for the Vice Chancellor for Research | Mitch |
| 7. | Fellow Nomination | Linda |
| 8. | IEC Lab Naming Ceremony | Linda |
| 9. | Other Matters | |

Future meeting schedule – all meetings to take place in WCH 443

Chairs' & Center Directors' Meetings

~~Friday, March 9, 2012~~

Monday, April 2, 2012

Monday, April 30, 2012

Friday, May 25, 2012

Monday, June 25, 2012

Monday, July 23, 2012

Chairs' & Program Leaders' Meetings

~~Monday, March 19, 2012~~

Friday, April 20, 2012

Monday, May 14, 2012

Friday, June 15, 2012

Monday, July 9, 2012