

Chairs' & Center Directors' Meeting Minutes

Date: December 15, 2014 (12:00 to 2:00 pm)
Location: WCH – Room 443
Attendees: Abbaschian, Reza
Aguilar, Guillermo
Barth, Matt
Boretz, Mitch
Chrobak, Marek
Garay, Javier
Hartney, Pat
Matsumoto, Mark
Myung, Nosang
Najjar, Walid
Vafai, Kambiz
Venkatram, Akula

Absent: Balandin, Alex
Bhanu, Bir
Farrell, Jay
Haddon, Robert
Ravi
Tan, Sheldon
Wang, Albert

The agenda for the meeting is shown in Appendix 1.

1. Welcome and call for agenda items - Reza

Reza reminded participants of the BCOE Staff Appreciation event scheduled for this Wednesday at 3-5pm in WCH 205/206. All Chairs and Directors are invited to attend. Also, BCOE's Faculty Retreat is scheduled for January 23-25, 2015 in Long Beach. Lastly, Reza asked faculty to be particularly attentive to students that are lonely or having difficulties during this time of year. Counseling services are available on campus. No items were added to the agenda.

2. Approval of Minutes – Mitch/Pat

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

3. Faculty Hiring – Reza

Reza called attention to the attachment to the agenda entitled “UCR Faculty Hiring Program: Call for Proposals.” The campus wants to hire 300 new faculty (plus another 150-200 replacement faculty) over the next few years. The process to determine where these new faculty will be hired will be done via proposals. These proposals can be submitted by groups of faculty or departments. The proposals will be reviewed and

ranked by the Dean's Council using the following criteria: potential for attracting exceptional recruits; likelihood of increasing performance on appropriate competitive metrics; potential to bring programs into the top quintile nationally; potential to put UCR at the leading edge of emerging fields; likely contribution to faculty diversity and synergy with existing programs. Faculty proposals should be focused on current strengths and emerging fields. Faculty should look outside BCOE for partnering opportunities. Marek asked if the new faculty hiring process will allow multiple offers to be made (under a single recruitment). Multiple offers are important since departments are going after very high quality candidates. Currently, multiple offers will need to be requested via an exception to the EVC/P. It was noted that multiple offers seem to be allowable at other UC campuses. Replacement faculty lines will be returned to colleges by the EVC/P. Also, Reza noted that he hoped that appropriate research fields will be discussed during the upcoming Retreat. He mentioned that BCOE faculty should think big (i.e., large numbers of cluster hires). Some possible areas are bio-informatics and the science and technology of learning.

4. Initial Complements – Pat

Pat announced that the EVC/P has modified the campus' Initial Complement policy. The campus will now be matching most IC funding categories and will be providing 60% of IC package funding. Also, the period of time the campus will provide IC matching funds has been extended from four to six years. As such, the campus projects that it will be providing over \$2M for new faculty hired by BCOE this year. This also means that BCOE will need to provide over \$1.4M for IC funds for these new hires. Pat pointed out that BCOE doesn't receive enough annual Indirect Cost Recovery (ICR) return to fund its share of these IC packages and support previous IC packages balances. As such, BCOE departments may need to provide some of the funds for new faculty IC packages. As an example, Pat suggested that departments may need to fund GSRs included in IC packages. Chairs noted that departments may not have enough discretionary funds to do this. Pat responded that this is why BCOE is providing opportunities for departments to generate additional funds. These opportunities include the GPP (Graduate Preparation Program) and On-Line MS Degree Program. This topic will need further discussion when IC packages are being developed this year.

5. Department and Center Updates

ME: Guillermo stated that faculty searches are going forward. There are several applications for the joint recruitment with MSE but fewer applications for the joint appointment with CEE.

CEE: Nosang reported that there are over 100 applications for the joint air-quality recruitment with CE-CERT.

MSE: Javier noted that the Chemistry department is recruiting for several new faculty in Materials. Also, he is reviewing seven joint faculty appointment files this year. Lastly, he noted that Alex Khitun's research in recording data magnetically has been named one of the top 10 Physics highlights of 2014.

CSE: Marek stated that faculty applications are still coming in.

CE: Walid also reported that faculty applications are still being received.

Academic Senate: Venky reported that the Senate is reviewing UCOP's proposed modifications to APM 201. This mod adds a diversity criteria for faculty merit reviews. Also, the definition of close family member is being discussed in relation to illnesses that would "stop the clock." Lastly, the appropriateness of establishing named endowed chairs (in advance of being funded) is being reviewed.

CE-CERT: Matt reported that CE-CERT researchers are submitting several proposals and are working with UCD and USC researchers through the National Center for Sustainable Transportation Studies.

MSOL: Kambiz stated that he is working with the Grad Council on catalog issues and is working with campus on making sure that MSOL students will be able to be admitted each quarter (including Summer).

Nosang asked if funding is still available for the UC President's Fellow Program. Reza responded that this UCOP Program is continuing and provides five years of funding for qualified minority post-docs.

6. Graduate Program – Mark

Since Ravi was unavailable for this meeting, Mark called attention to the comparison of undergrad applications between 2014 and 2015 that was attached to the agenda. This summary indicates that BCOE freshmen applications increased by 15% from last year. Also, BCOE transfer student applications increased 16% from last year. Freshmen applications across UCR increased by 9% from last year.

Mark called attention to the comparison data of BCOE grad applications attached to the agenda. He noted that the number of Applications Started increased by 2% from last year and that the number of Applications Submitted increased by 6%. He anticipates that BCOE will receive about 2,300 grad applications this year. Although the number of BCOE grad student applications is increasing, the number of domestic applicants has remained flat over the last four years.

7. Retreat – Reza

Reza reminded participants that the BCOE Faculty Retreat is scheduled for the weekend of January 23-25, 2015 at the Long Beach Hilton. The Friday night speaker will be Vijay Dhir, Dean of UCLA's College of Engineering who will present his view of the future of engineering. Provost D'Anieri will make a presentation on Saturday morning. Saturday night's speaker will be Pramod Khargonekar, the Assistant Director of NSF's Engineering Directorate. Pat noted that only 54 faculty have registered so far. We need an accurate figure of the number of attendees in early January.

8. Acquisition of an MRI – Mitch

Mitch reported that UCR will be purchasing a Siemens MRI. Prof. Andersen in Psychology is leading this acquisition project. A director and technician will be hired to manage it under a (\$500/hr) recharge operation. Internal funds will be available to support initial MRI use by UCR researchers. The MRI is expected to be in place by January 2016. The VCRED Office is providing some of the funding for this project and is considering the acquisition of a TEM.

9. Other Matters

No other items were discussed.



Chairs' & Center Directors' Meeting

December 15, 2014

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 December 1, 2014 Meeting | Mitch/Pat |
| 3. | Faculty Hiring | Reza |
| 4. | Initial Complements | Pat |
| 5. | Department and Center Updates | |
| 6. | Graduate Program | Mark |
| 7. | Retreat | Reza |
| 8. | Acquisition of an MRI | Mitch |
| 9. | Other Matters | |

Future Meeting Dates

2014

~~Monday, July 7~~
~~Monday, August 11~~
~~Monday, September 8~~
~~Monday, September 22~~
~~Monday, October 6~~
~~Wednesday, October 22~~
~~Monday, November 3~~
~~Monday, November 17~~
~~Monday, December 1~~
Monday, December 15

2015

Monday, January 5
Friday, January 23
 Monday, February 2
Friday, February 20
 Monday, March 2
 Monday, March 16
 Monday, March 30
 Monday, April 13
 Monday, April 27
 Monday, May 11
Friday, May 29
 Monday, June 8
 Monday, June 22
 Monday, July 6
 Monday, July 20

UCR Faculty Hiring Program: Call for Proposals
December 2014

Overview:

To accelerate its rise, UCR needs to grow and to develop critical mass in areas of importance to California, the nation and the world. We plan to add 300 faculty between 2014 and 2020. This is an unprecedented opportunity for UCR, and it is essential that we use it to grow not only in size, but in quality as well. It is equally essential that we work to build a faculty that better represents the diversity of our student body.

An initial round of new multi-year recruitments will be authorized in the spring of 2015 according to a competitive proposal process. Recognizing that needs can be defined at different levels, and that good ideas can come from many places, proposals can be submitted by individuals, teams, departments/centers, or schools/colleges.

Objectives:

The overall objective is to advance towards the goals of the UCR 2020 plan, including enhancing UCR's performance on AAU membership metrics. To do this, we need to:

1. Hire scholars with promise for excellence in both research and teaching.
2. Build nationally visible programs.
3. Diversify the UCR faculty.

Proposals:

Proposals may be submitted by individuals, groups of faculty, or organized units such as departments, centers, schools, and colleges. Proposals must be submitted using the template below. Individuals and groups contemplating submitting a proposal are strongly encouraged to discuss the proposal with the relevant chairs, directors and deans, as support from those levels will be taken into account in allocation decisions. They should also consult the Vice Chancellor for Research and Economic Development to consider wide fit and support.

Process:

Proposals will be reviewed by the Dean's council as well as by a faculty panel convened by the VCRED and including representation from the Senate. Final decisions will be made by the Provost/EVC in consultation with these groups.

- Individual deans will be asked to prioritize proposals that include hires in their respective schools/colleges.
- After an initial review, the Provost and VCRED may request revised versions of some proposals, or recommend the combination of proposals that appear to overlap or complement one another.

Criteria: Proposals will be evaluated according to the following criteria:

- Potential of attracting exceptional recruits.
- Likelihood of increasing performance on appropriate competitive metrics (e.g. prestigious fellowships, federal funding, etc.).
- Potential to bring programs into the top quintile nationally.
- Potential to put UCR at the leading edge of emerging fields.
- Likely contribution to faculty diversity.
- Synergy with existing programs.

UCR Faculty Hiring Program: Call for Proposals
December 2014

Timetable:

- Meetings to answer questions about proposals and process: January 2015
- Proposals due in Deans' Offices: February 27, 2015
- Proposals due in Provost's Office: March 13, 2015
- Initial allocations will be made by May 1, 2015.

Proposal Submission Template

NOTE: Maximum proposal length is three pages (12 point font). If more information is required, you will be asked to submit additional material. Submit proposals in .pdf format to Elaine Winn at elaine.winn@ucr.edu

Title of Proposal:

Main Contact (with email address):

Goal: (in one sentence):

Describe the **research area** in up to 2 pages. Please address:

- The future importance of the research area.
- The assets UCR already possesses that will contribute to building a leading program.
- Whether the proposal cross departments or schools/colleges, or is aimed at a single unit. (please provide approval lines with signatures for the relevant leaders).

State the **number of hires** requested at the assistant, associate, full levels and rationale; salary and **startup** for each hire; and the timetable for hiring (maximum of three years).

Can the hires be accommodated by reallocating the proposing units' current **space**, or does the plan rely upon an additional allocation of space? If more space is needed, how much, and of what type (office, dry lab, wet lab, etc.)?

What measures are envisioned in this proposal to attract a **diverse pool**? What have the units involved already done to increase the diversity of the faculty?

COLLEGE OF ENGINEERING FRESHMAN

<u>Major</u>	2014	2015	Diff
	Applicants	Applicants	
Bioengineering	679	779	15%
Business Informatics	124	143	15%
Chemical Engineering	472	459	-3%
Computer Engineering	954	988	4%
Computer Science	1592	2087	31%
Electrical Engineering	569	600	5%
Environmental Engineering	292	320	10%
Material Science & Engineering	83	108	30%
Mechanical Engineering	1449	1678	16%
TOTAL FRESHMAN	6214	7162	15%

COLLEGE OF ENGINEERING TRANSFER

<u>Major</u>	2014	2015	Diff
	Applicants	Applicants	
Bioengineering	93	114	23%
Business Informatics	24	21	-13%
Chemical Engineering	170	211	24%
Computer Engineering	109	107	-2%
Computer Science	374	470	26%
Electrical Engineering	199	218	10%
Environmental Engineering	43	59	37%
Limited Student	0	1	#DIV/0!
Material Science & Engineering	36	28	-22%
Mechanical Engineering	325	370	14%
TOTAL TRANSFER	1373	1599	16%

COMPARATIVE DATA**December 15, 2014****BCOE GRADUATE APPLICATIONS****MS/PHD - DOMESTIC + INTERNATIONAL**

Program	Apps Started			Apps Submitted			Submit/Start	
	Fall 2014	Fall 2015	%Diff	Fall 2014	Fall 2015	%Diff	Fall 2014	Fall 2015
BIEN	115	100	-13%	34	31	-9%	30%	31%
CEE	168	163	-3%	79	80	1%	47%	49%
CEN	52	57	10%	16	16	0%	31%	28%
CPSC	524	615	17%	185	259	40%	35%	42%
ELEN	409	385	-6%	160	127	-21%	39%	33%
MSOL	0	2	#DIV/0!	0	0	#DIV/0!	#DIV/0!	0%
MSE	101	90	-11%	36	30	-17%	36%	33%
MCEN	113	102	-10%	29	26	-10%	26%	25%
BCOE	1482	1514	2%	539	569	6%	36%	38%

MS/PHD - DOMESTIC ONLY

Program	Apps Started			Apps Submitted			Submit/Start	
	Fall 2014	Fall 2015	%Diff	Fall 2014	Fall 2015	%Diff	Fall 2014	Fall 2015
BIEN	54	50	-7%	15	17	13%	28%	34%
CEE	53	53	0%	30	29	-3%	57%	55%
CEN	4	4	0%	1	1	0%	25%	25%
CPSC	58	59	2%	26	26	0%	45%	44%
ELEN	36	47	31%	14	15	7%	39%	32%
MSOL	0	1	#DIV/0!	0	0	#DIV/0!	#DIV/0!	0%
MSE	20	19	-5%	4	3	-25%	20%	16%
MCEN	38	27	-29%	10	8	-20%	26%	30%
BCOE	263	260	-1%	100	99	-1%	38%	38%

MS/PHD - INTERNATIONAL ONLY

Program	Apps Started			Apps Submitted			Submit/Start	
	Fall 2014	Fall 2015	%Diff	Fall 2014	Fall 2015	%Diff	Fall 2014	Fall 2015
BIEN	61	50	-18%	19	14	-26%	31%	28%
CEE	115	110	-4%	49	51	4%	43%	46%
CEN	48	53	10%	15	15	0%	31%	28%
CPSC	466	556	19%	159	233	47%	34%	42%
ELEN	373	338	-9%	146	112	-23%	39%	33%
MSOL	0	1	#DIV/0!	0	0	#DIV/0!	#DIV/0!	0%
MSE	81	71	-12%	32	27	-16%	40%	38%
MCEN	75	75	0%	19	18	-5%	25%	24%
BCOE	1219	1254	3%	439	470	7%	36%	37%