

Chairs' & Center Directors' Meeting Minutes

Date: April 15, 2011 (12:00 to 2:00 pm)
Location: EBU II – Room 443
Attendees: Abbaschian, Reza
Anvari, Bahman (for Jerry Schultz)
Balandin, Alex
Barth, Matt
Bhanu, Bir
Davidson, Don
Hartney, Pat
Lake, Roger
Lonardi, Stefano (for Laxmi Bhuyan)
Matsumoto, Mark
Myung, Nosang
Parker, Linda
Payne, Tom
Ravi
Stahovich, Tom
Tan, Sheldon (for Walid Najjar)

Absent: Bhuyan, Laxmi
Boretz, Mitch
Haddon, Robert
Najjar, Walid
Schultz, Jerry
Xu, Daniel

The agenda for the meeting is shown in Appendix 1.

1. Welcome and call for agenda items - Reza

The following items were added to the agenda: Poonian Chair and BCOE Council of Advisors meeting (Linda), and Public Relations efforts (Don).

2. Approval of Minutes - Pat

The minutes of the March 28th Chairs/Directors meeting were unanimously approved.

3. Graduate Education - Mark

Mark distributed the latest summary of graduate student applications, admits and accepts. He noted that the number of accepts has decreased from 102 at this time last year to 56 this year. BCOE admits are about 20% lower than last year. There are 32 offers in process and there have been 75 applicant declines this year (about the same number as last year at this time). It was noted that the grad student 'take rate' at UCSB and UCB is about 25%. CEE's take rate is much lower this year than past years. In summary, BCOE was more selective this year (i.e., making offers to higher quality students) but these higher quality applicants have also been more selective.

Mark stated that the Grad Division recently requested input on each program's grad student carrying capacity. Mark responded that BCOE's grad student carrying capacity is directly related to its number of faculty since each faculty member supports 5 PhD students and 1.5 MS students on average. BCOE faculty provide about 68% of their grad student's financial support through PhD completion. Reza noted that the indirect cost recovery on a BCOE grad student salary is greater than the campus' fellowship funding provided for that PhD student. In response to a question, Mark noted that BCOE's Dissertation Year Funding allocation from the Grad Division is about \$300K per incoming cohort and that this funding is independent of Dissertation Year Funding allocations to other UCR Colleges.

4. Undergraduate Education – Ravi

Ravi distributed a summary of BCOE undergraduate admits and projected enrollments for Fall 2011 by BCOE Major. UCR has admitted 2,205 BCOE freshmen applicants with AIS scores greater than 1,000. In addition, 373 freshmen applicants have accepted UCR's offer to be on a BCOE waitlist. Ravi estimates that about 80% of these waitlisted applicants will enroll in BCOE. As such, the projected incoming freshmen cohort for BCOE is between 653 and 679. In comparison, BCOE's incoming freshmen cohort was 536 in Fall 2009. Also, Ravi requested that departments consider longer waitlists for their courses. If there are more openings than are names on a course's waitlist, the course is opened for concurrent (UNEX) enrollment which disadvantages BCOE students.

5. Faculty Recruitment – Chairs

BIEN: two offers are out; one has been declined and one is still pending; an additional offer will be made.

ME: final candidate interviews will occur this week.

CEE: one offer accepted; two offers are out.

CSE: two offers have been accepted.

EE: one junior and one senior offer are in process.

Reza mentioned that the campus has not reallocated any faculty lines so far this year due to budget concerns. Reza distributed a handout of comparisons of UC faculty salaries with its four public and four private comparison universities. Average UC faculty salaries are above its four public comparison universities but far below its four private comparison universities. It was noted that benefits should also be included in this analysis since UC benefits could be higher than the benefits at these eight comparison universities. Lastly, Reza noted that UCSB's faculty FTE (757) is much greater than UCR's faculty FTE (549) even though both campuses receive about the same amount of annual state funding.

6. Departmental Updates – Chairs/Directors

BIEN: five BIEN undergraduates received NSF Graduate Research Fellowships this year; four of these undergrads are transfer students; BIEN ranked near the top nationally in total number of NSF Graduate Research Fellowship awards this year.

CE: due to budget concerns, the total number of CE courses may be reduced.

ME: the department's Board of Advisors meeting is scheduled for May 6th; the department may lose one junior faculty member to UCB.

CE-CERT: the recent PEMS Workshop was very successful. CE-CERT will host another major workshop in May. With the upcoming retirement of CE-CERT's Deputy Director, CE-CERT will reorganize its management structure. CE-CERT will eventually become an Institute although it will still be called CE-CERT due to name recognition. The only change will be replacing Center with CenterS in CE-CERT's name. CEE: the department's Board of Advisors meeting is scheduled for May 23rd. A CEE undergrad received a Student Research Opportunities in Aerospace-Related Fields award.

On-Line MS: BCOE's On-Line MS Program proposal is on the agenda for the next Academic Senate meeting.

CSE: The Poonian Chair Reception is scheduled for April 26th.

CRIS: A licensing agreement is being worked out with a current sponsor (Federal Signals).

MS&E: Alex has been finalizing equipment for the new MSE Building. Alex is concerned with the (informal) process of asking departments to offer MS&E courses each year.

EE: Roger noted that Alex will be awarded IEEE's "Pioneer of Nanotechnology" award for 2011. The department recently held its third annual IEEE Electron Device Workshop which focused on student posters and awards.

7. Budget – Pat

Pat distributed a summary of proposed budget reductions to meet BCOE's target reduction for FY 11/12. The Chairs and Directors suggested changes/additions to the impact descriptions of these reductions. BCOE's final budget reduction amount will be determined after the April 26th – 27th campus Budget Meeting.

8. Strategic Plans – Reza

Reza noted that he recently emailed a copy of BCOE's Strategic Plan to Chairs/Directors. This Plan has been submitted to the EVCP but Reza asked for comments and suggestions. In general, BCOE's Strategic Plan includes the goal of becoming a top 25 College of Engineering. This goal is more stringent than UCR's goal of becoming an AAU institution. In order to reach this goal, BCOE will need to have 140 faculty. This Plan notes that BCOE will try to maintain this direction in spite of budget reductions.

9. Other Matters

Poonian Chair: Linda noted that the Poonian Chair Reception is scheduled for April 26th from 4-6pm in the Alumni Center. The Poonian Chair is BCOE's only Term Chair. The Chair's donor, Duane Roberts (owner of the Mission Inn) is expected to attend this Reception.

BCOE Council of Advisors: The next Council of Advisors meeting is scheduled for April 29th. Presentations from Professors Asa-Awuku, Keogh and Park will be made at the meeting. Reza encouraged all Chairs and Directors to attend.

Commencement: Don mentioned that there will be a 10am meeting next Monday with department staff to discuss this June's BCOE Commencement events.

Public Relations: BCOE's website will be overhauled in the next two weeks and will be similar to UCR's "newsroom" style website. Also, Don announced that BCOE has its own YouTube channel for videos. Some of these videos will be posted on UCTV (carried by DirecTV and DISH) and iTunes U.

On a related subject, Roger asked what web conference software could be used for EE's upcoming Board of Advisors meeting. It was noted that UCR has licenses for Adobe Connect.

Reza asked that information on new faculty hires should be sent to Don for PR announcements. Lastly, Don noted that BCOE has a Facebook page and currently has about 800 Facebook "friends".



Chairs' & Center Directors' Meeting

April 15, 2011

Agenda

Engineering Building Unit II – Room 443

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|----|---|------------------|
| 1. | Welcome - Request for Agenda Items from the Floor | Reza |
| 2. | Approval of Minutes from March 28, 2011 Meeting | Pat |
| 3. | Graduate Education | Mark |
| 4. | Undergraduate Education | Ravi |
| 5. | Faculty Recruitment | Chairs |
| 6. | Departmental Updates | Chairs/Directors |
| 7. | Budget | Pat |
| 8. | Strategic Plans | Reza |
| 9. | Other Matters | |

The next scheduled meeting will be

MONDAY — May 2, 2011

Please note: Meetings will be held in EBU II – Room 443

2011-12 BCOE GRADUATE RECRUITMENT TARGETS

Dept	M.S.	Ph.D.	Total	Accepts	% of Target
BIEN	20	15	35	3	8.6%
CEE	5	16	21	8	38.1%
CSE	15	20	35	26	74.3%
EE	13	32	45	9	20.0%
MSE	4	8	12	6	50.0%
ME	15	10	25	4	16.0%
Subtotal	72	101	173	56	32.4%

Applicants - as of April 15, 2011

Program	International Students			Domestic Students			Total Students		
	2009	2010	2011	2009	2010	2011	2009	2010	2011
BIEN	28	28	41	32	65	64	60	93	105
CEE	114	129	125	22	65	73	136	194	198
CS	438	347	424	56	70	77	494	417	501
EE	428	348	448	38	65	42	466	413	490
MSE	NA	53	63	NA	10	32	0	63	95
ME	68	75	91	18	31	35	86	106	126
Total	1076	980	1192	166	306	323	1242	1286	1515

	Apps	
Unit	2010	2011
BCOE	1286	1515
CHASS	1115	1110
CNAS	1194	1352
DBS	52	53
AGSM	226	287
GSOE	132	180
Total	4005	4497

Admits - as of April 15, 2011

Program	International Students			Domestic Students			Total Students		
	2009	2010	2011	2009	2010	2011	2009	2010	2011
BIEN	0	0	3	12	38	14	12	38	17
CEE	29	33	13	12	42	24	41	75	37
CS	71	51	68	31	28	37	102	79	105
EE	48	50	32	18	26	16	66	76	48
MSE	NA	8	6	NA	5	8	0	13	14
ME	8	4	1	9	8	15	17	12	16
Total	156	146	123	82	147	114	238	293	237

In Process Queue	
Int'l	Dom
1	3
1	1
11	1
8	2
3	1
0	0
24	8

	Admits	
Unit	2010	2011
BCOE	293	237
CHASS	216	206
CNAS	364	300
DBS	11	9
AGSM	47	74
GSOE	63	58
Total	994	884

Accepts - as of April 15, 2011

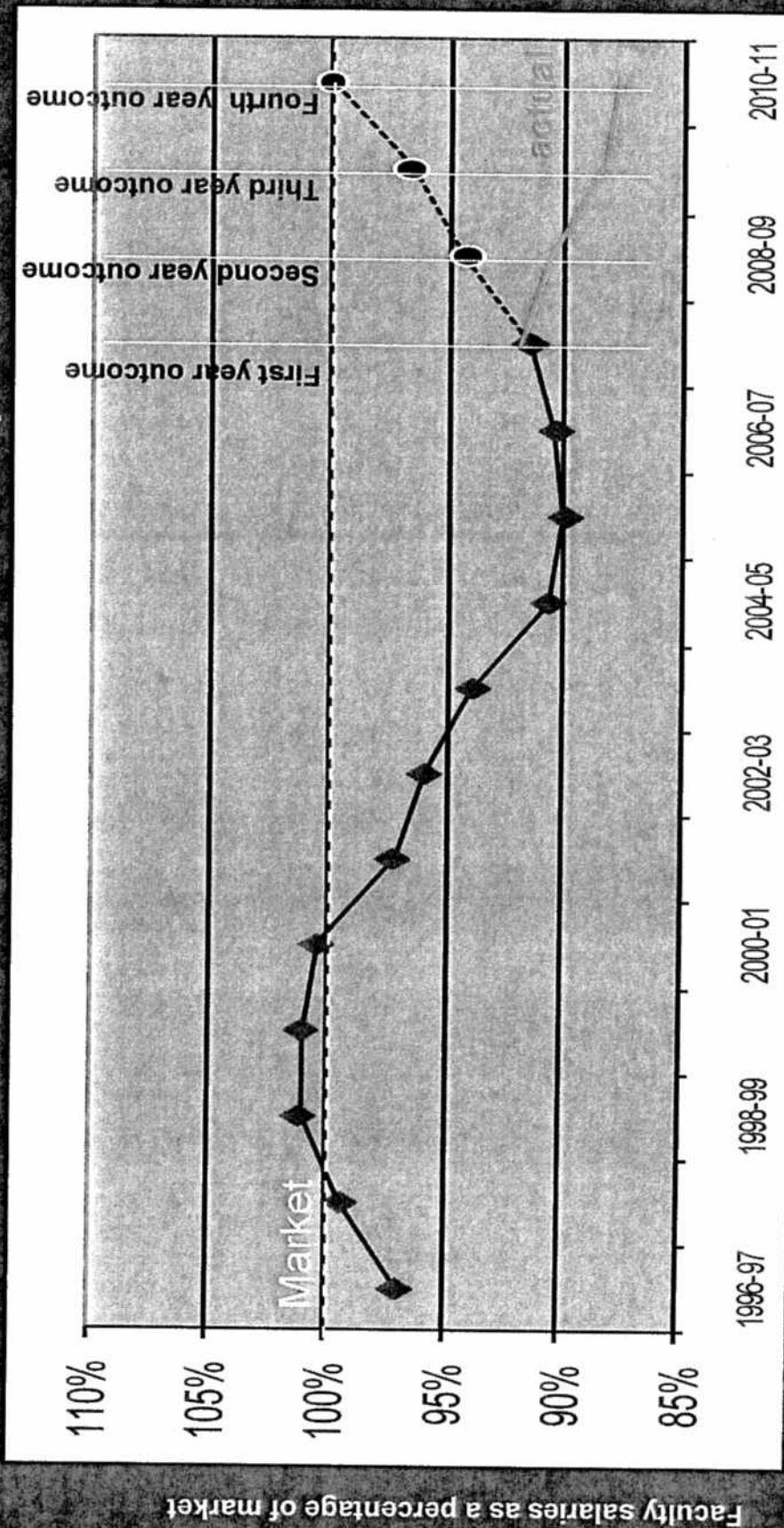
Program	International Students			Domestic Students			Total Students		
	2009	2010	2011	2009	2010	2011	2009	2010	2011
BIEN	0	0	1	3	19	2	3	19	3
CEE	15	11	2	3	17	6	18	28	8
CS	23	5	14	15	8	12	38	13	26
EE	25	22	6	6	10	3	31	32	9
MSE	NA	4	2	0	1	4	0	5	6
ME	2	1	0	6	4	4	8	5	4
Total	65	43	25	33	59	31	98	102	56

	Accepts	
Unit	2010	2011
BCOE	102	56
CHASS	102	83
CNAS	150	91
DBS	4	3
AGSM	10	26
GSOE	36	33
Total	404	292

Admit-Enrollment-by-Major

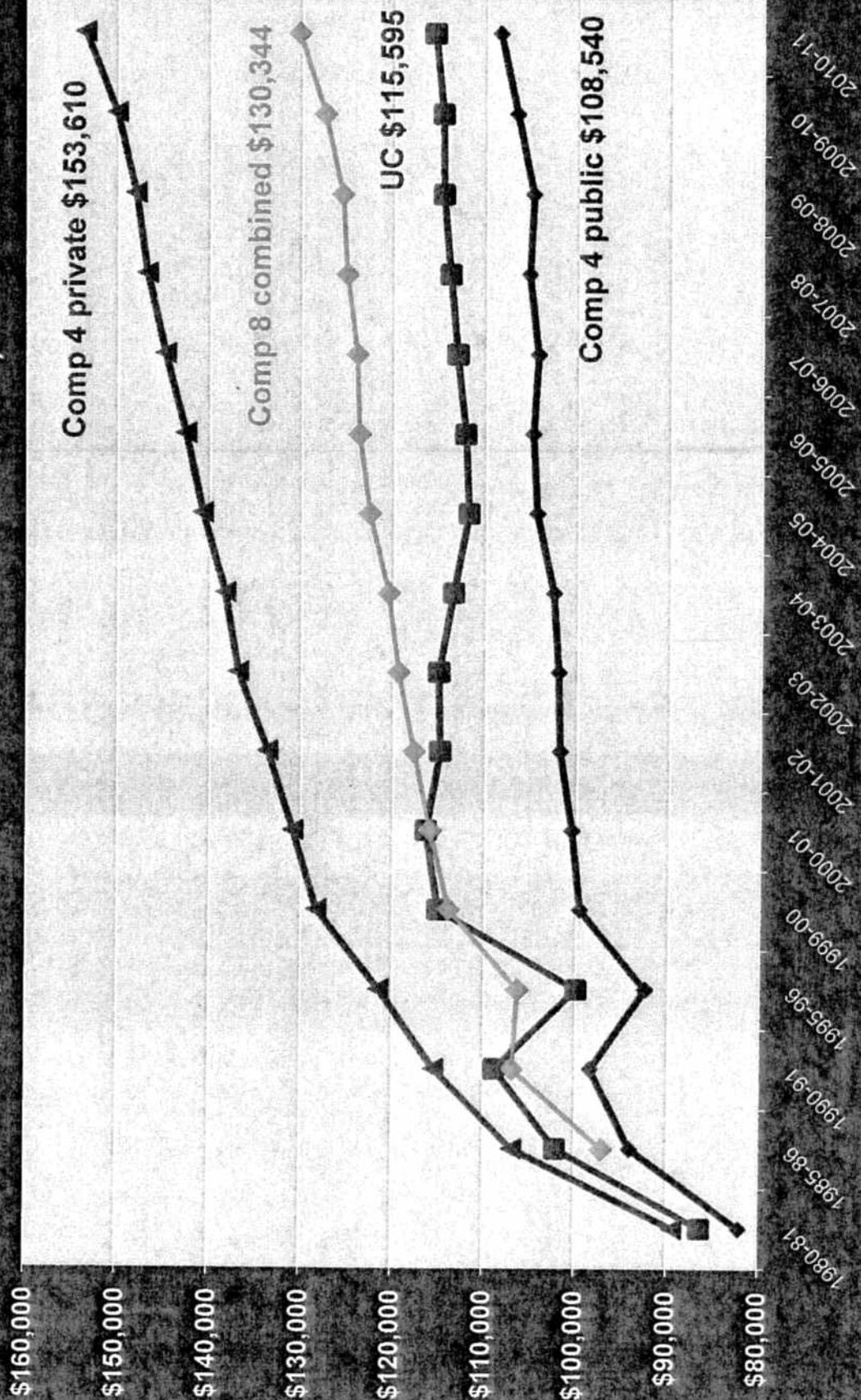
Major	Admits (>1000)	Waitlist Offer Accepted	2011 Projected Enrollment			Projected Total		Fall 2009 Numbers
			Logistic method	Yield method	Waitlist (80% yield)	Logistic	Yield	
BioEngineering	332	32	49	50	26	74	76	82
Chemical Engineering	197	26	30	31	21	51	52	59
Electrical Engineering	218	36	38	24	29	67	53	58
Computer Engineering	305	82	59	60	66	125	125	78
Computer Science	342	59	56	60	47	104	107	69
Business Informatics	43	15	6	8	12	18	20	10
Environmental Engineering	263	34	47	39	27	74	66	50
Mechanical Engineering	505	89	95	82	71	166	154	130
Totals	2,205	373	381	354	298	679	653	536

Four-year Salary Plan To Return Salaries To Market - General Campus



* The lag in 2010-11 is 12.8%

Average Faculty Salaries - General Campus Private/Public (Comparison 8) and UC 5-Year intervals to 1999-00, and each year 1999-00 through 2010-11 (Adjusted for Inflation in 2010 Dollars)



CPEC DATA (excludes all Health Sciences & Law)

AVERAGE SALARIES & FTE

GENERAL CAMPUS ONLY (EXCLUDES ALL HEALTH SCIENCES & LAW)

FISCAL YEAR APPOINTMENTS ADJUSTED TO ACADEMIC YEAR RATES

2010-11

NO ADJUSTMENTS MADE TO DATA PER CPEC METHODOLOGY

LAG = (UC-COMPARATOR)/UC

AVERAGES	FULL VS.		ASSOCIATE VS.		ASSISTANT VS.		TOTAL VS.	
	COMP8	PRIVATE4	PUBLIC4	COMP8	PRIVATE4	PUBLIC4	COMP8	PRIVATE4
BK	\$147,047	\$102,903	\$91,931	\$128,583	-7%	-23%	8%	
DV	\$123,496	\$82,440	\$76,788	\$106,121	-27%	-46%	-9%	
IR	\$130,088	\$84,608	\$80,176	\$108,373	-21%	-39%	-4%	
LA	\$153,536	\$103,045	\$94,300	\$135,548	-2%	-18%	12%	
MC	\$123,582	\$84,368	\$74,844	\$87,890	-27%	-46%	-9%	
RV	\$127,788	\$80,701	\$74,680	\$102,296	-23%	-41%	-5%	
SB	\$132,156	\$81,174	\$77,504	\$114,495	-19%	-37%	-2%	
SC	\$119,102	\$80,946	\$74,006	\$100,790	-32%	-52%	-13%	
SD	\$137,545	\$89,636	\$81,733	\$116,264	-14%	-31%	2%	
UC-WIDE*	\$136,980	\$89,598	\$82,078	\$116,478	-14%	-32%	2%	
COMP 8*	\$156,772	\$98,372	\$87,231	\$129,278				
PRIVATE 4	\$180,452	\$119,267	\$97,836	\$153,610				
PUBLIC 4	\$134,685	\$90,807	\$81,318	\$108,540				
DISTRIBUTION BY RANK								
FTE	FULL VS.		ASSOCIATE VS.		ASSISTANT VS.		TOTAL VS.	
	COMP8	PRIVATE4	PUBLIC4	COMP8	PRIVATE4	PUBLIC4	COMP8	PRIVATE4
BK	709	243	188	1,140	62%	21%	16%	
DV	587	206	182	975	60%	21%	19%	
IR	455	204	180	839	54%	24%	21%	
LA	834	224	186	1,244	67%	18%	15%	
MC	29	23	71	123	24%	18%	58%	
RV	270	138	140	549	49%	25%	26%	
SB	501	172	85	757	66%	23%	11%	
SC	272	111	103	487	56%	23%	21%	
SD	488	192	153	833	59%	23%	18%	
UC-WIDE	4,146	1,513	1,287	6,947	60%	22%	19%	
COMP 8	4,625	2,142	1,988	8,754	53%	24%	23%	
PRIVATE 4	2,252	573	732	3,556	63%	16%	21%	
PUBLIC 4	2,372	1,569	1,257	5,198	46%	30%	24%	
* Based on the CPEC methodology UC's average is \$115,595 and Comp 8's average is \$130,344 (lag = 12.8%)								

Sources: UC data extracted from FPCER2, OCTOBER 2010 F; data provided by COMP 8 institutions, however, data for Yale was estimated

CPEC DATA (excludes all Health Sciences & Law)						
AVERAGE SALARIES & FTE						
ADJUSTS FISCAL YR TO ACADEMIC YR RATES						
	AVERAGE SALARIES				FTE	
	<u>2009-10</u>	<u>2010-11</u>	<u>diff</u>		<u>2009-10</u>	<u>2010-11</u>
4 PUBLICS	\$104,984	\$108,540	3.4%		5,385	5,198
4 PRIVATES	\$147,724	\$153,610	4.0%		3,583	3,556
UNIVERSITY OF CALIFORNIA						
BK	\$124,443	\$128,583	3.3%		1,172	1,140
DV	\$104,297	\$106,121	1.7%		998	975
IR	\$105,972	\$108,373	2.3%		861	839
LA	\$131,435	\$135,548	3.1%		1,263	1,244
MC	\$88,357	\$87,890	-0.5%		116	123
RV	\$100,668	\$102,296	1.6%		563	549
SB	\$111,941	\$114,495	2.3%		766	757
SC	\$98,643	\$100,790	2.2%		500	487
SD	\$114,594	\$116,264	1.5%		837	833
U-WIDE unadjusted	\$113,765	\$116,478	2.4%		7,076	6,947
COMP 8 ADJUSTED*	\$125,470	\$130,344	3.9%		8,968	8,754
UC ADJUSTED*	\$112,862	\$115,595	2.4%		7,076	6,947
LAG = (uc-comps)/uc	11.2%	12.8%				
* COMP 8: 50/50 public/private and 75% comp8 distribution of FTE by rank and 25% UC distribution of FTE by rank; UC: 75% UC distribution of FTE by rank and 25% comp8 distribution of FTE by RANK						
Sources: UC data extracted from FCPCR2, OCTOBER 2009 & 2010 F; data provided by COMP 8 institutions, however, data for Yale was estimated						