

Office of Sponsored Projects
Office of Research

Annual Report FY 2014-2015

University of California,
Santa Cruz

Office of Sponsored Projects
Annual Report: Fiscal year 2014-2015

Highlights

- Grants and contracts awards totaled \$137.6M, a 1.66% funding decrease from last year. Our five-year trend is positive; this is the tenth consecutive year that UCSC grants and contracts awards exceeded \$100M.
- Over the last five years, UCSC has received \$676.2M in grants and contracts funding.
- During FY 2015, the federal government funded 89% (\$122,050,175) of the campus awards while private foundations accounted for 5% (\$7,139,884).
- The single-largest funding source was NASA with \$41,646,945, followed by the National Institutes of Health (NIH) with \$38,622,153 and the National Science Foundation (NSF) with \$20,484,210. Howard Hughes Medical Institute was the campus' single-largest private fund source with awards totaling \$1,574,591.
- Silicon Valley Initiatives (SVI)/UARC received the two largest award amounts, \$7,713,555 and \$5,545,164, from NASA. Biomolecular Engineering received the campus' next largest award, in the amount of \$3,501,938, from the National Institutes of Health (NIH).
- The top five campus units receiving awards were Silicon Valley Initiatives (SVI)/UARC (\$35,244,902), Biomolecular Engineering (\$15,866,274), Institute of Marine Sciences (\$14,153,517), Molecular, Cell & Developmental Biology (\$9,744,000), and Chemistry & Biochemistry (\$8,247,817).
- 1008 Proposals were submitted with a total value of \$365,026,959.

UCSC Sponsored Projects Awards by Campus Area, FY 2010–2011 — FY 2014–2015								Page 1
Division, Department, ORU	Award Value 2010-2011	Award Value 2011-2012	Award Value 2012-2013	Award Value 2013-2014	Award Value 2014-2015	5-Year Total	5-Year % Change	
Campus-wide Total	125,717,042	140,260,894	132,535,731	140,014,863	137,687,989	676,216,520	10%	
Annual % Change	-14.98%	11.57%	-5.51%	5.64%	-1.66%			
Arts Division	124,000	389,660	112,200	378,677	394,226	1,398,763	218%	
Annual % Change	-75.61%	214%	-71%	238%	4%			
Division	-	-	-	-	-	-	-	
Art	-	-	-	7,700	86,000	93,700		
History of Art & Visual Culture	-	2,888	60,000	65,610	14,978	143,476		
Digital Arts & New Media	-	162,752	-	-	67,748	230,500		
Film & Digital Media	-	134,020	29,700	300,367	136,500	600,587		
Music	8,000	-	-	-	500	8,500		
Theater Arts/Shakespeare SC	116,000	90,000	22,500	5,000	88,500	322,000		
School of Engineering	27,525,647	36,656,446	28,960,885	33,049,955	32,561,849	158,754,782	18%	
Annual % Change	-9.83%	33%	-21%	14%	-1%			
Division	-	-	-	-	-	-	-	
Applied Math & Statistics	1,898,811	1,895,809	1,261,984	1,744,856	1,584,389	8,385,849		
Biomolecular Engineering	14,384,093	24,780,793	17,684,225	18,691,006	15,866,274	91,406,391		
CBSE	-	-	-	-	4,712,829	4,712,829		
Ctr for Games & Playable Media	-	-	-	-	1,683,811	1,683,811		
Computational Media	-	-	-	-	439,930	439,930		
Computer Engineering	1,497,715	1,660,601	3,407,388	2,742,963	1,661,947	10,970,614		
Computer Science	5,616,268	4,723,783	3,042,996	5,620,165	2,983,365	21,986,577		
Electrical Engineering	3,839,121	3,122,185	3,311,040	3,382,454	3,033,461	16,688,261		
TIM	289,639	473,275	253,252	868,511	595,843	2,480,520		
Humanities Division	775,442	362,838	735,677	598,716	1,193,348	3,666,021	54%	
Annual % Change	20.81%	-53%	103%	-19%	99%			
Division	-	-	-	-	-	-	-	
American Studies	1,500	-	-	-	-	1,500		
Dickens Project	85,637	-	-	-	-	85,637		
Feminist Studies	-	-	-	31,751	6,752	38,503		
Hist. Con.	17,109	-	5,382	-	-	22,491		
History	262,921	12,900	419,339	117,650	159,450	972,260		
Institute for Humanities Research	-	-	-	-	108,250	108,250		
Jewish Studies	-	-	-	-	11,500	11,500		
Languages	-	-	-	-	4,012	4,012		
Linguistics	298,375	149,938	304,956	1,576	651,830	1,406,675		
Literature	109,900	200,000	6,000	447,739	251,554	1,015,193		
Philosophy	-	-	-	-	-	-		

UCSC Sponsored Projects Awards by Campus Area, FY 2010–2011 — FY 2014–2015								Page 2
Division, Department, ORU	Award Value 2010-2011	Award Value 2011-2012	Award Value 2012-2013	Award Value 2013-2014	Award Value 2014-2015	5-Year Total	5-Year % Change	
P & B Sciences Division	51,343,282	49,141,932	57,131,213	51,488,210	52,338,464	261,443,101	2%	
Annual % Change	-11%	-4%	16%	(0)	2%			
Division (CA Teach Prog)	-	21,600	-	1,450,000	-	1,471,600		
Astronomy & Astrophysics	-	21,175	1,616,372	2,840,490	2,204,210	6,682,247		
Biology, EEB	5,013,266	6,371,618	7,395,413	2,675,342	3,367,399	24,823,038		
Biology, MCDB	8,693,060	12,063,224	9,694,039	8,887,022	9,744,000	49,081,345		
Chemistry	6,014,356	5,480,681	4,696,259	6,426,944	8,247,817	30,866,057		
Earth & Planetary Sci	1,738,632	3,402,273	2,943,955	1,391,773	1,417,719	10,894,352		
ETOX/METX	2,653,625	3,068,446	3,680,409	3,348,097	3,211,322	15,961,899		
Math	722,061	453,249	439,294	427,137	518,983	2,560,724		
Natural Reserves	467,993	4,475	15,949	47,230	4,500	540,147		
Ocean Science	40,000	349,999	159,720	630,223	823,427	2,003,369		
Physics	3,285,802	1,482,539	1,754,975	2,184,680	1,110,180	9,818,176		
Sci. Comm. Prg.	-	-	-	-	-	-		
IGPP	2,053,121	2,735,653	2,877,959	2,417,754	2,686,493	12,770,980		
IMS	11,909,720	9,078,995	15,734,357	14,138,966	14,153,517	65,015,555		
SCIIPP	8,751,646	4,608,005	6,122,512	4,622,552	4,848,897	28,953,612		
UCO Lick	6,397,777	6,456,340	5,168,944	4,456,908	3,024,306	25,504,275	-53%	
Annual % Change	-42.0%	1%	-20%	-13.78%	-32%			
Social Sciences Division	6,345,211	9,546,352	7,096,759	9,053,306	7,928,477	39,970,105	25%	
Annual Percentage Chan	-40%	50%	-26%	28%	-12%			
Anthropology	223,171	98,481	269,046	226,229	131,122	948,049		
CASFS	812,784	271,600	913,233	404,828	1,017,402	3,419,847		
CERIUS	-	-	-	-	526,147	526,147		
CFAO	13,515	-	-	-	-	13,515		
CGIRS	278,038	157,322	-	291,274	37,000	763,634		
CJTC	-	-	-	-	-	-		
Community Studies	19,000	-	271,912	-	-	290,912		
CRTP	120,900	-	-	-	-	120,900		
Economics	230,982	488,436	30,715	442,234	203,607	1,395,974		
Education	804,081	3,023,631	1,140,707	3,711,816	1,284,500	9,964,735		
Environmental Studies	2,419,951	4,388,333	1,925,441	2,266,326	1,733,866	12,733,917		
Inst. Scientists & Engineerin Educ.	355,966	38,729	1,229,127	455,320	686,590	2,765,732		
Latin American & Latino Studies	474,315	438,293	869,009	518,594	19,935	2,320,146		
Politics	2,500	229,219	29,216	23,716	573,174	857,825		
Psychology	565,509	405,976	347,453	672,024	1,138,660	3,129,622		
Sociology	24,499	6,332	70,900	40,945	571,714	714,390		
The Everett Program	-	-	-	-	4,760	4,760		

UCSC Sponsored Projects Awards by Campus Area, FY 2010–2011 — FY 2014–2015							Page 3	
Division, Department, ORU	Award Value 2010-2011	Award Value 2011-2012	Award Value 2012-2013	Award Value 2013-2014	Award Value 2014-2015	5-Year Total	5-Year % Change	
Other	5,877,021	6,868,825	6,512,626	7,873,922	5,002,417	32,134,811	-15%	
Annual Percentage Char	-20%	17%	-5%	21%	-36%			
Arboretum	-	-	14,500	200,000	-	214,500		
Arts & Lectures	-	-	-	-	-	-		
BAS	3,000	-	-	-	-	3,000		
Campus Life	-	-	-	-	14,000	14,000		
Child Care Services	-	-	-	-	316,011	316,011		
College Eight	-	-	-	-	20,000	20,000		
Colleges, Housing & Ed Svcs	62,300	389,151	310,607	282,556	-	1,044,614		
Ed Partnership Center	4,309,543	3,571,701	3,370,369	4,582,566	2,405,711	18,239,890		
Grad Div	1,228,000	1,703,500	1,954,500	2,308,800	2,068,000	9,262,800		
OMIP	-	-	-	-	-	-		
Oakes College	-	-	-	-	-	-		
Physical Ed/OPERS	1,000	4,655	6,400	-	39,740	51,795		
Physical Plant	4,000	10,000	-	-	27,000	41,000		
Retention Services	50,000	50,000	-	-	11,955	111,955		
Student Engagement	-	25,100	-	-	-	25,100		
Student Health Services	-	537,580	70,000	-	-	607,580		
Student Services	19,178	-	-	-	-	19,178		
TAPS	-	-	266,700	-	-	266,700		
UC College Prep	-	477,138	14,100	-	-	491,238		
Undergraduate Education	-	-	-	-	-	-		
Univ. Extension	-	-	-	-	-	-		
University Library	200,000	100,000	505,450	-	100,000	905,450		
ITS	-	-	-	500,000	-	500,000		
SVI	27,328,662	30,838,502	26,817,427	33,115,169	35,244,902	153,344,662	29%	
Annual Percentage Char	-7%	13%	-13%	23%	6%			
Silicon Valley Initiatives	-	-4,789	-	-	285,789	281,001		
UARC	27,328,662	30,843,290	26,817,427	33,115,169	34,959,113	153,063,661		

Table 2

UCSC Sponsored Projects Proposals by Campus Area, FY 2010-2011 – FY 2014-2015

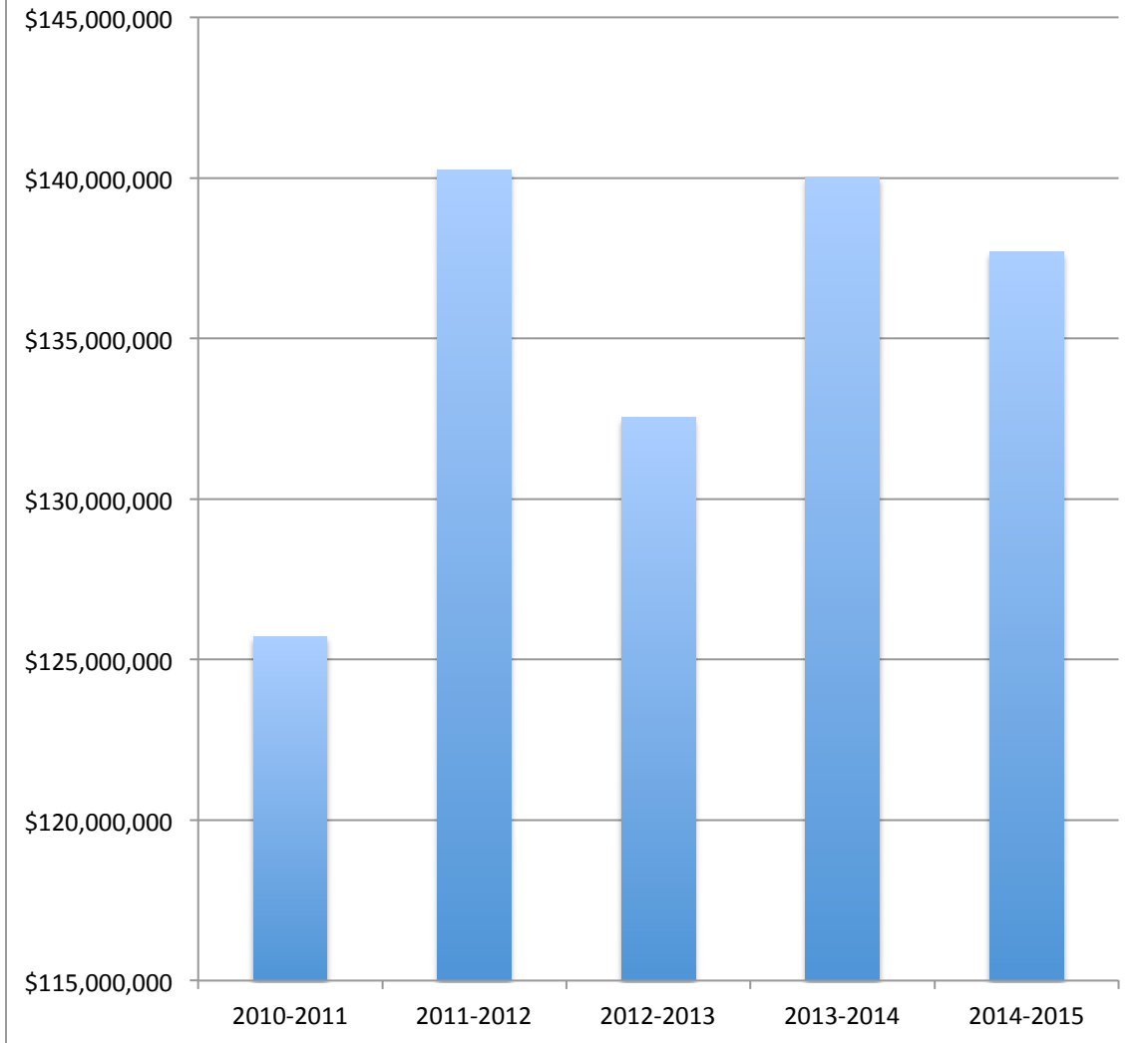
Division, Department, ORU	Number of Proposals 2010-2011	Proposal Value 2010-2011	Number of Proposals 2011-2012	Proposal Value 2011-2012	Number of Proposals 2012-2013	Proposal Value 2012-2013	Number of Proposals 2013-2014	Proposal Value 2013-2014	Number of Proposals 2014-2015	Proposal Value 2014-2015
Campus-wide Total	978	366,727,103	1,093	451,494,063	933	387,422,905	914	534,789,293	1,008	365,026,959
Arts Division	8	890,472	14	975,127	7	109,414	16	409,069	33	575,756
Division	-	-	-	-	-	-	-	-	-	0
Art	-	-	-	-	2	9,350	4	46,700	7	61,000
Art History	1	4,472	1	60,000	-	-	-	-	-	0
Digital Arts & New Media (DANM)	-	-	1	229,000	-	-	-	-	2	26,500
Film & Digital Media	3	510,432	7	225,467	3	90,584	9	291,759	14	230,405
Music	-	-	1	14,120	1	4,480	1	5,000	4	62,589
Theater Arts/SSC	4	375,568	4	446,540	1	5,000	2	65,610	2	116,648
History of Art & Visual Culture	-	-	-	-	-	-	-	-	4	78,614
School of Engineering	214	110,978,331	273	164,230,175	175	147,021,780	200	235,348,815	227	97,187,417
Division	-	-	-	-	-	-	-	-	-	0
Applied Math & Statistics	38	10,157,103	41	10,474,095	16	3,832,358	32	8,000,448	29	7,711,798
BME	40	45,507,582	55	73,788,857	50	60,918,917	52	161,728,757	53	41,392,963
CBSE	-	-	-	-	-	-	-	-	3	1,452,993
Ctr for Games & Playable Media	-	-	-	-	-	-	-	-	3	3,828,562
Computer Engineering	46	1,896,854	66	30,615,303	39	18,396,404	39	10,382,480	59	12,268,681
Computer Science	30	19,351,346	47	23,417,910	31	13,928,308	42	19,343,288	36	15,074,417
Computational Media	-	-	-	-	-	-	-	-	1	998,423
Electrical Engineering	52	31,815,336	57	24,370,746	35	46,046,018	30	34,576,230	36	12,582,464
TIM	8	2,250,110	7	1,563,264	4	3,899,775	5	1,317,612	7	1,877,116
Humanities Division	29	2,581,933	16	1,553,297	16	1,430,860	27	3,082,441	27	2,447,388
Division	-	-	-	-	-	-	-	-	-	0
American Studies	1	1,500	-	-	-	-	-	-	-	0
Dickens Project	1	43,419	1	126,425	-	-	-	-	1	119,417
Feminist Studies	2	10,000	-	-	1	34,430	2	32,021	3	104,134
Hist. Con.	-	-	-	-	1	3,382	-	-	-	0
History	15	952,688	9	510,237	3	96,900	15	1,664,305	7	277,991
IHR	-	-	-	-	-	-	1	196,500	3	250,000
Jewish Studies	-	-	-	-	-	-	-	-	2	236,500
Languages	-	-	-	-	-	-	-	-	1	4,012
Linguistics	7	1,464,426	4	890,910	4	583,846	1	261,255	3	605,317
Literature	2	109,900	1	6,000	7	712,302	7	828,360	7	850,017
Philosophy	1	-	1	19,725	-	-	1	100,000	-	0
Physical & Biological Sci. Div.	428	179,318,746	478	193,985,636	468	184,659,328	442	237,304,049	500	214,833,266
Division (CA Teach Prog)	-	-	1	21,600	1	13,000	-	-	-	0
Astronomy & Astrophysics	-	-	1	21,175	36	9,679,338	39	12,136,250	47	10,273,021
Biology, EEB	44	8,842,309	39	10,580,702	31	9,895,918	34	15,132,940	67	23,279,599
Biology, MCDB	36	40,718,114	51	52,699,454	38	42,491,463	22	35,273,494	44	41,475,321
Chemistry	64	45,853,512	72	45,895,409	60	37,332,532	74	67,371,581	60	37,276,900
Earth Sciences	39	7,717,251	52	12,017,469	26	4,631,150	35	7,813,941	49	21,952,682
ETOX/METX	19	6,982,572	26	10,351,810	25	13,634,766	25	15,790,642	25	11,012,366
Math	7	570,478	11	1,925,759	9	1,967,592	9	1,121,403	6	1,334,594
Natural Reserves	2	454,475	3	26,993	4	78,261	-	-	2	19,606
Ocean Science	8	2,975,829	1	303,907	4	830,672	7	2,967,539	20	5,905,959
Physics	11	4,574,074	16	10,362,345	12	7,986,961	16	10,912,818	17	19,607,993
Sci. Comm. Prg.	-	-	-	-	-	-	-	-	-	0
IGPP	46	8,594,526	37	8,596,420	41	7,273,450	25	5,203,439	21	3,358,185
IMS	111	30,634,256	129	35,997,275	131	30,696,809	121	53,946,215	103	30,906,490
SCIPP	41	21,401,350	39	5,185,318	50	18,147,416	35	9,633,787	39	8,430,550

Table 2, continued

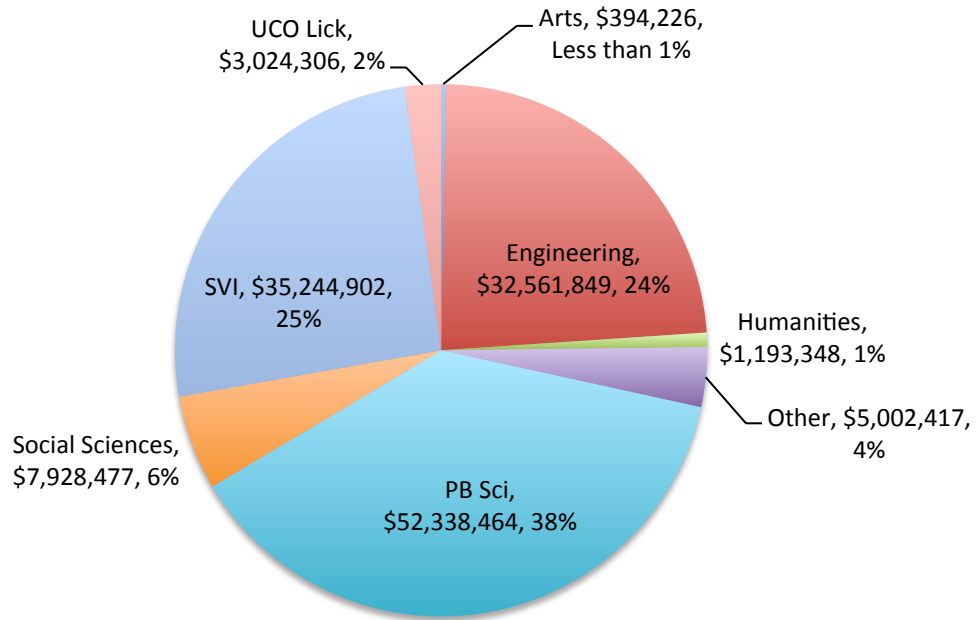
UCSC Sponsored Projects Proposals by Campus Area, FY 2010-2011 – FY 2014-2015

Division, Department, ORU	Number of Proposals 2010-2011	Proposal Value 2010-2011	Number of Proposals 2011-2012	Proposal Value 2011-2012	Number of Proposals 2012-2013	Proposal Value 2012-2013	Number of Proposals 2013-2014	Proposal Value 2013-20134	Number of Proposals 2014-2015	Proposal Value 2014-2015
UCO Lick	71	14,113,493	75	20,977,517	64	12,738,667	39	8,881,218	42	6,664,263
Social Sciences Division	159	45,412,196	156	28,934,929	163	33,680,255	148	27,494,921	136	30,619,748
Division	-	-	-	-	-	-	1	494,409	2	172,078
Anthropology	22	1,020,903	24	2,149,194	20	2,022,593	23	1,901,310	29	4,040,748
CASFS	16	2,407,739	13	511,624	12	1,170,921	12	1,693,680	9	1,261,495
CERIUS	1	1,970,218	-	-	-	-	4	1,125,500	2	2,181,090
CfAO	1	13,515	-	-	-	-	1	74,000	-	0
CGIRS	1	5,000	-	-	5	690,126	4	308,510	3	1,085,565
CJTC	-	-	-	-	-	-	-	-	-	0
CLRC	-	-	-	-	-	-	-	-	-	0
Community Studies	3	33,000	3	222,322	1	101,992	-	-	-	0
Economics	8	1,203,831	5	607,302	6	351,923	8	597,037	8	1,160,064
Education	28	20,429,339	27	12,762,135	28	11,244,828	9	6,380,477	7	6,890,965
Environmental Studies	47	12,226,978	39	6,291,266	44	8,730,781	36	8,062,391	37	8,762,817
Inst.for Scientist & Eng. Educ.	1	199,176	5	896,900	2	370,956	4	1,167,798	5	390,000
Latin American & Latino Studies	4	1,671,603	13	971,302	7	2,112,028	6	806,551	3	1,776,487
Political & Legal Studies	1	208,405	-	-	-	-	-	-	-	0
Politics	1	58,335	5	713,271	5	596,249	11	684,023	13	1,036,619
Psychology	17	1,939,169	18	3,765,698	22	5,566,070	19	3,505,643	12	1,707,508
Sociology	8	2,024,985	4	43,915	11	721,788	10	693,592	4	114,552
The Everett Program	-	-	-	-	-	-	-	-	2	39,760
Other	29	4,947,912	32	22,155,744	23	4,358,618	30	18,105,453	27	6,782,107
Arboretum	1	20,000	2	170,000	4	192,500	4	847,401	1	26,750
BAS	-	-	1	89,265	-	-	-	-	-	-
Child Care Services	-	-	-	-	-	-	-	-	10	389,305
College Eight	-	-	-	-	-	-	-	-	1	20,000
Colleges, Housing & Ed Svcs	5	474,470	5	351,954	2	270,936	5	283,953	-	-
Educational Partner Ctr.	9	2,662,104	11	15,828,830	9	1,611,763	12	14,166,245	3	227,910
Grad Div.	1	16,000	3	13,730	3	1,954,500	5	2,330,100	4	2,269,918
MISC (ITS, Phys Planning)	3	61,969	-	-	-	-	3	465,799	-	-
Phys Ed/OPERS	2	5,655	1	25,100	1	6,400	-	-	-	0
OR/Chancellor's Ofc	-	-	-	-	-	-	-	-	-	0
Oakes College	-	-	-	-	-	-	-	-	1	39,378
Physical Plant	-	-	-	-	-	-	-	-	1	27,000
Retention Services	2	100,000	-	-	-	-	1	11,955	2	2,625,077
Student Engagement	-	-	1	25,100	-	-	-	-	-	0
Student Health Services	-	-	-	-	1	70,000	-	-	1	2,000
Student Services	3	734,014	1	1,000	-	-	-	-	-	0
TAPS	2	373,700	2	262,220	1	167,000	-	-	1	49,000
UC College Prep	-	-	3	4,816,621	-	-	-	-	-	0
Undergraduate Education	-	-	-	-	-	-	-	-	1	1,080,769
Univ. Extension	-	-	-	-	-	-	-	-	-	0
University Library	1	500,000	2	571,924	-	85,519	-	-	1	25,000
Univ. Police	-	-	-	-	2	-	-	-	-	0
SVI	40	8,504,020	49	18,681,638	17	3,423,983	12	4,163,327	16	5,917,014
UARC	-	-	49	18,681,638	17	3,423,983	12	4,163,327	15	5,755,341
Silicon Valley Initiates	40	8,504,020	-	-	-	-	-	-	1	161,673

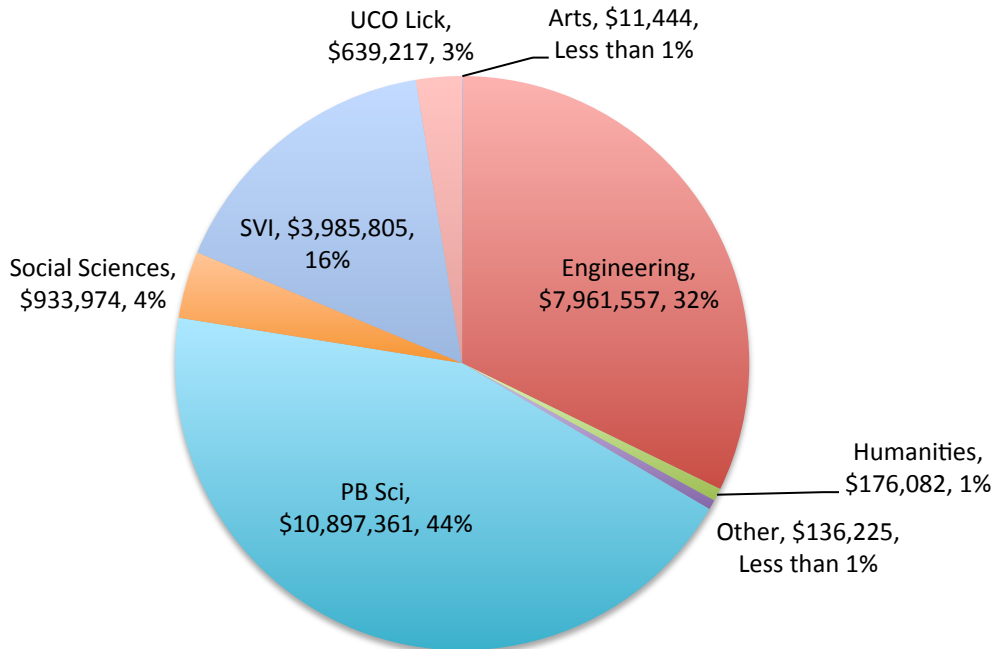
UCSC Sponsored Projects Awards FY 2011 - FY 2015



UCSC AWARDS BY DIVISION FY 2015



UCSC AWARD INDIRECTS BY DIVISION FY 2015



UCSC Contracts and Grants by Source FY 2015

