

Office of Sponsored Projects
Office of Research

Annual Report FY 2015-2016

University of California,
Santa Cruz

Office of Sponsored Projects
Annual Report: Fiscal year 2015-2016

Highlights

- Grants and contracts awards totaled \$128.98M, a 6.32% funding decrease from last year. However, this is the eleventh consecutive year that UCSC grants and contracts awards exceeded \$100M.
- Over the last five years, UCSC has received \$679.5M in grants and contracts funding.
- During FY 2016, the federal government funded 83% (\$106,820,679) of the campus awards while private foundations accounted for 7% (\$9,256,953).
- The single-largest funding source was the National Institutes of Health (NIH) with \$39,283,476 followed by NASA with \$27,787,304 and the National Science Foundation (NSF) with \$17,413,743. The Heising-Simons Foundation was the campus' single-largest private fund source with awards totaling \$1,264,273.
- Ecology & Evolutionary Biology received the largest award amount, \$4,559,712 from NOAA. Biomolecular Engineering received the campus' next three largest awards, in the amount of \$3,746,913, \$3,514,381 and \$2,753,942, from the National Institutes of Health (NIH).
- The top five campus units receiving awards were Biomolecular Engineering (\$21,669,641), Silicon Valley Initiatives (SVI)/UARC (\$21,758,911), Ecology & Evolutionary Biology (\$11,931,585), Molecular, Cell & Developmental Biology (\$9,406,643), and Earth & Planetary Sciences (\$5,513,483).
- 967 Proposals were submitted with a total value of \$372,624,394.

UCSC Sponsored Projects Awards by Campus Area, FY 2011-2012 – FY 2015-2016										Page 1
Division, Department, ORU	Award Value 2011-2012	Award Value 2012-2013	Award Value 2013-2014	Number of Awards 2014-2015	Award Value 2014-2015	Number of Awards 2015-2016	Award Value 2015-2016	5-Year Total	5-Year % Change	
Campus-wide Total	140,260,894	132,535,731	140,014,863	732	137,687,989	774	128,982,942	679,482,420	-8%	
Annual % Change	11.57%	-5.51%	5.64%		-1.66%		-6.32%			
Arts Division	389,660	112,200	378,677	20	394,226	10	257,641	1,532,404	-34%	
Annual % Change	214%	-71%	238%		4%		-35%			
Division	-	-	-	0	-	0	-	-		
Art	-	-	7,700	7	86,000	-	-	93,700		
History of Art & Visual Culture	2,888	60,000	65,610	2	14,978	3	125,866	269,342		
Digital Arts & New Media	162,752	-	-	2	67,748	1	25,000	255,500		
Film & Digital Media	134,020	29,700	300,367	7	136,500	3	82,675	683,262		
Music	-	-	-	1	500	1	21,600	22,100		
CDAR	-	-	-	0	-	2	2,500	2,500		
Theater Arts/Shakespeare SC	90,000	22,500	5,000	1	88,500	0	-	206,000		
School of Engineering	36,656,446	28,960,885	33,049,955	133	32,561,849	141	33,408,779	164,637,914	-9%	
Annual % Change	33%	-21%	14%		-1%		3%			
Division	-	-	-	0	-	1	450,000	450,000		
Applied Math & Statistics	1,895,809	1,261,984	1,744,856	15	1,584,389	17	1,538,980	8,026,018		
Biomolecular Engineering	24,780,793	17,684,225	18,691,006	35	15,866,274	37	21,669,641	98,691,939		
CBSE	-	-	-	9	4,712,829	4	1,690,087	6,402,916		
Ctr for Games & Playable Media	-	-	-	4	1,683,811	0	-	1,683,811		
Computational Media	-	-	-	1	439,930	6	107,000	546,930		
Computer Engineering	1,660,601	3,407,388	2,742,963	16	1,661,947	24	1,958,305	11,431,204		
Computer Science	4,723,783	3,042,996	5,620,165	25	2,983,365	31	3,230,063	19,600,372		
Electrical Engineering	3,122,185	3,311,040	3,382,454	21	3,033,461	15	2,432,027	15,281,167		
Technology Management	473,275	253,252	868,511	7	595,843	6	332,676	2,523,557		
Humanities Division	362,838	735,677	598,716	18	1,193,348	17	828,167	3,718,746	128%	
Annual % Change	-53%	103%	-19%		99%		-31%			
Division	-	-	-	0	-	0	-	-		
American Studies	-	-	-	0	-	0	-	-		
Dickens Project	-	-	-	0	-	1	119,417	119,417		
Feminist Studies	-	-	31,751	2	6,752	2	62,000	100,503		
History of Consciousness	-	5,382	-	0	-	2	24,572	29,954		
History	12,900	419,339	117,650	5	159,450	2	80,000	789,339		
Institute for Humanities Research	-	-	-	1	108,250	5	257,700	365,950		
Jewish Studies	-	-	-	1	11,500	1	150,000	161,500		
Languages	-	-	-	1	4,012	0	-	4,012		
Linguistics	149,938	304,956	1,576	3	651,830	1	32,913	1,141,213		
Literature	200,000	6,000	447,739	5	251,554	2	51,165	956,458		
Philosophy	-	-	-	0	-	1	50,400	50,400		

UCSC Sponsored Projects Awards by Campus Area, FY 2011-2012 – FY 2015-2016										Page 2
Division, Department, ORU	Award Value 2011-2012	Award Value 2012-2013	Award Value 2013-2014	Number of Awards 2014-2015	Award Value 2014-2015	Number of Awards 2015-2016	Award Value 2015-2016	5-Year Total	5-Year % Change	
P & B Sciences Division	49,141,932	57,131,213	51,488,210	342	52,338,464	344	54,298,801	264,398,620	10%	
Annual % Change	-4%	16%	(0)		2%		4%			
Division (CA Teach Prog)	21,600	-	1,450,000	0	-	1	23,632	1,495,232		
Astronomy & Astrophysics	21,175	1,616,372	2,840,490	34	2,204,210	37	3,035,180	9,717,427		
Ecology & Evolutionary Biology	6,371,618	7,395,413	2,675,342	33	3,367,399	49	11,931,585	31,741,357		
MCD Biology	12,063,224	9,694,039	8,887,022	37	9,744,000	42	9,406,643	49,794,928		
Chemistry & Biochemistry	5,480,681	4,696,259	6,426,944	38	8,247,817	43	5,412,186	30,263,887		
Earth & Planetary Sciences	3,402,273	2,943,955	1,391,773	20	1,417,719	53	5,513,483	14,669,203		
METX	3,068,446	3,680,409	3,348,097	16	3,211,322	19	3,813,812	17,122,086		
Math	453,249	439,294	427,137	8	518,983	6	211,893	2,050,556		
Natural Reserves	4,475	15,949	47,230	1	4,500	1	2,558,270	2,630,424		
Ocean Sciences	349,999	159,720	630,223	5	823,427	11	1,762,189	3,725,558		
Physics	1,482,539	1,754,975	2,184,680	8	1,110,180	12	1,807,120	8,339,494		
Science Communication	-	-	-	0	-	0	-	-		
IGPP	2,735,653	2,877,959	2,417,754	24	2,686,493	4	324,564	11,042,423		
Institute of Marine Sciences	9,078,995	15,734,357	14,138,966	93	14,153,517	46	4,269,721	57,375,556		
SCIPP	4,608,005	6,122,512	4,622,552	25	4,848,897	20	4,228,523	24,430,489		
UCO Lick	6,456,340	5,168,944	4,456,908	45	3,024,306	42	2,031,549	21,138,047	-69%	
Annual % Change	1%	-20%	-13.78%		-32%		-33%			
Social Sciences Division	9,546,352	7,096,759	9,053,306	94	7,928,477	69	7,643,109	41,268,003	-20%	
Annual % Change	50%	-26%	28%		-12%		-4%			
Anthropology	98,481	269,046	226,229	6	131,122	7	582,062	1,306,940		
CASFS	271,600	913,233	404,828	11	1,017,402	8	328,500	2,935,563		
CERIUS	-	-	-	2	526,147	1	399,894	926,041		
CFAO	-	-	-	0	-	0	-	-		
CGIRS	157,322	-	291,274	2	37,000	0	-	485,596		
CJTC	-	-	-	0	-	0	-	-		
Community Studies	-	271,912	-	0	-	0	-	271,912		
CRTP	-	-	-	0	-	0	-	-		
Economics	488,436	30,715	442,234	6	203,607	5	294,289	1,459,281		
Education	3,023,631	1,140,707	3,711,816	10	1,284,500	6	1,033,613	10,194,267		
Environmental Studies	4,388,333	1,925,441	2,266,326	24	1,733,866	19	2,636,571	12,950,537		
Inst. Scientists & Engineerin Educ.	38,729	1,229,127	455,320	7	686,590	7	598,889	3,008,655		
Latin American & Latino Studies	438,293	869,009	518,594	2	19,935	2	190,750	2,036,581		
Politics	229,219	29,216	23,716	7	573,174	2	57,828	913,153		
Psychology	405,976	347,453	672,024	11	1,138,660	4	364,520	2,928,633		
Sociology	6,332	70,900	40,945	5	571,714	5	946,194	1,636,085		
The Everett Program	-	-	-	1	4,760	3	209,999	214,759		

UCSC Sponsored Projects Awards by Campus Area, FY 2011-2012 – FY 2015-2016										Page 3
Division, Department, ORU	Award Value 2011-2012	Award Value 2012-2013	Award Value 2013-2014	Number of Awards 2014-2015	Award Value 2014-2015	Number of Awards 2015-2016	Award Value 2015-2016	5-Year Total	5-Year % Change	
Other	6,868,825	6,512,626	7,873,922	24	5,002,417	27	8,755,985	35,013,775	27%	
Annual % Change	17%	-5%	21%		-36%		75%			
Arboretum	-	14,500	200,000	0	-	0	-	214,500		
Arts & Lectures	-	-	-	0	-	0	-	-		
BAS	-	-	-	0	-	0	-	-		
Campus Life	-	-	-	1	14,000	0	-	14,000		
Child Care Services	-	-	-	7	316,011	8	417,257	733,268		
College Eight	-	-	-	1	20,000	0	-	20,000		
Colleges, Housing & Ed Srvs	389,151	310,607	282,556	0	-	0	-	982,314		
Ed Partnership Center	3,571,701	3,370,369	4,582,566	9	2,405,711	8	4,992,146	18,922,493		
Grad Div	1,703,500	1,954,500	2,308,800	2	2,068,000	3	2,216,834	10,251,634		
OMIP	-	-	-	0	-	0	-	-		
Oakes College	-	-	-	0	-	1	19,689	19,689		
Physical Ed/OPERS	4,655	6,400	-	1	39,740	1	30,120	80,915		
Physical Plant	10,000	-	-	1	27,000	0	-	37,000		
Retention Services	50,000	-	-	1	11,955	2	608,903	670,858		
Student Engagement	25,100	-	-	0	-	0	-	25,100		
Student Health Services	537,580	70,000	-	0	-	0	-	607,580		
Student Services	-	-	-	0	-	0	-	-		
TAPS	-	266,700	-	0	-	1	19,500	286,200		
UC College Prep	477,138	14,100	-	0	-	0	-	491,238		
Undergraduate Education	-	-	-	0	-	1	230,120	230,120		
Univ. Extension	-	-	-	0	-	0	-	-		
University Library	100,000	505,450	-	1	100,000	1	25,000	730,450		
ITS	-	-	500,000		-	1	196,416	696,416		
SVI	30,838,502	26,817,427	33,115,169	56	35,244,902	124	21,758,911	147,774,911	-29%	
Annual % Change	13%	-13%	23%		6%		-38%			
Silicon Valley Initiatives	-4,789	-	-	1	285,789	0	-	281,001		
UARC	30,843,290	26,817,427	33,115,169	55	34,959,113	124	21,758,911	147,493,910		

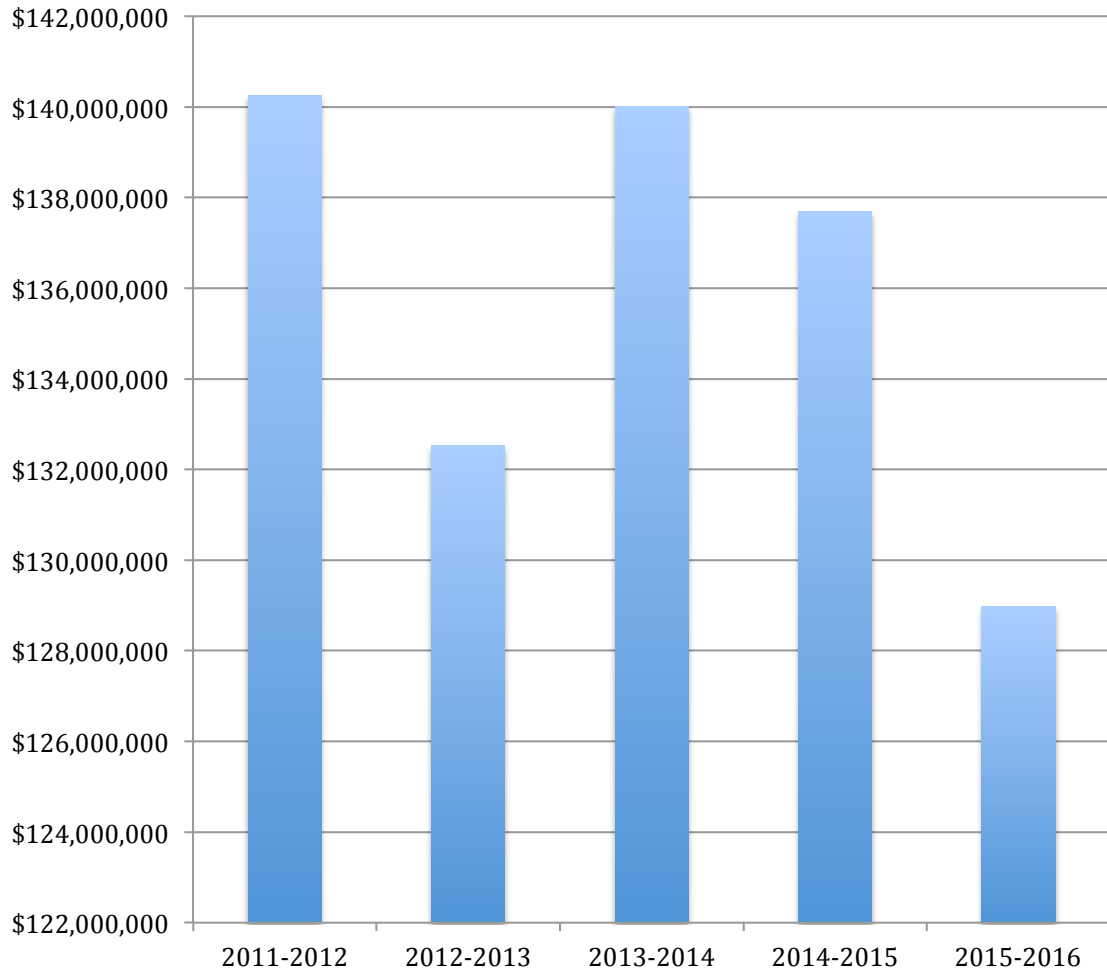
Table 2 UCSC Sponsored Projects Proposals by Campus Area, FY 2011-2012 – FY 2015-2016										
Division, Department, ORU	Number of Proposals 2011-2012	Proposal Value 2011-2012	Number of Proposals 2012-2013	Proposal Value 2012-2013	Number of Proposals 2013-2014	Proposal Value 2013-2014	Number of Proposals 2014-2015	Proposal Value 2014-2015	Number of Proposals 2015-2016	Proposal Value 2015-2016
Campus-wide Total	1,093	451,494,063	933	387,422,905	914	534,789,293	1,008	365,026,959	967	372,624,394
Arts Division	14	975,127	7	109,414	16	409,069	33	575,756	23	1,026,702
Division	-	-	-	-	-	-	-	-	-	-
Art	-	-	2	9,350	4	46,700	7	61,000	3	360,099
Art History	1	60,000	-	-	-	-	-	-	-	-
Digital Arts & New Media (DANM)	1	229,000	-	-	-	-	2	26,500	-	-
Film & Digital Media	7	225,467	3	90,584	9	291,759	14	230,405	8	232,881
Music	1	14,120	1	4,480	1	5,000	4	62,589	2	121,600
Theater Arts/SSC	4	446,540	1	5,000	2	65,610	2	116,648	-	-
History of Art & Visual Culture	-	-	-	-	-	-	4	78,614	6	178,866
Center for Creative Ecologies	-	-	-	-	-	-	-	-	1	35,000
Center for Documentary Arts and Research	-	-	-	-	-	-	-	-	2	39,296
OpenLab	-	-	-	-	-	-	-	-	1	58,960
School of Engineering	273	164,230,175	175	147,021,780	200	235,348,815	227	97,187,417	229	122,981,900
Division	-	-	-	-	-	-	-	-	-	-
Applied Math & Statistics	41	10,474,095	16	3,832,358	32	8,000,448	29	7,711,798	18	7,257,787
Biomolecular Engineering	55	73,788,857	50	60,918,917	52	161,728,757	53	41,392,963	57	57,388,177
Ctr Biomolecular Sci & Eng	-	-	-	-	-	-	3	1,452,993	8	7,907,179
Ctr for Games & Playable Media	-	-	-	-	-	-	3	3,828,562	-	-
Computer Engineering	66	30,615,303	39	18,396,404	39	10,382,480	59	12,268,681	46	13,416,367
Computer Science	47	23,417,910	31	13,928,308	42	19,343,288	36	15,074,417	38	13,226,287
Computational Media	-	-	-	-	-	-	1	998,423	11	4,414,741
Electrical Engineering	57	24,370,746	35	46,046,018	30	34,576,230	36	12,582,464	42	16,393,823
Technology Management	7	1,563,264	4	3,899,775	5	1,317,612	7	1,877,116	9	2,977,539
Humanities Division	16	1,553,297	16	1,430,860	27	3,082,441	27	2,447,388	34	2,365,791
Division	-	-	-	-	-	-	-	-	-	0
American Studies	-	-	-	-	-	-	-	-	-	0
Dickens Project	1	126,425	-	-	-	-	1	119,417	2	244,332
Feminist Studies	-	-	1	34,430	2	32,021	3	104,134	4	161,693
History of Consciousness	-	-	1	3,382	-	-	-	-	3	27,772
History	9	510,237	3	96,900	15	1,664,305	7	277,991	5	163,419
Institute for Humanities Research	-	-	-	-	1	196,500	3	250,000	12	1,099,790
Jewish Studies	-	-	-	-	-	-	2	236,500	-	0
Languages	-	-	-	-	-	-	1	4,012	-	0
Linguistics	4	890,910	4	583,846	1	261,255	3	605,317	3	302,209
Literature	1	6,000	7	712,302	7	828,360	7	850,017	4	316,176
Philosophy	1	19,725	-	-	1	100,000	-	-	1	50,400
Physical & Biological Sci. Div.	478	193,985,636	468	184,659,328	442	237,304,049	500	214,833,266	485	184,317,943
Division (CA Teach Prog)	1	21,600	1	13,000	-	-	-	-	-	-
Astronomy & Astrophysics	1	21,175	36	9,679,338	39	12,136,250	47	10,273,021	48	14,734,702
Ecology & Evolutionary Biology	39	10,580,702	31	9,895,918	34	15,132,940	67	23,279,599	66	20,140,318
MCD Biology	51	52,699,454	38	42,491,463	22	35,273,494	44	41,475,321	68	41,332,124
Chemistry & Biochemistry	72	45,895,409	60	37,332,532	74	67,371,581	60	37,276,900	61	33,178,801
Earth & Planetary Sciences	52	12,017,469	26	4,631,150	35	7,813,941	49	21,952,682	85	16,808,493
Microbiology and Environmental Toxicology	26	10,351,810	25	13,634,766	25	15,790,642	25	11,012,366	15	12,781,492
Mathematics	11	1,925,759	9	1,967,592	9	1,121,403	6	1,334,594	12	1,537,768
Natural Reserves	3	26,993	4	78,261	-	-	2	19,606	1	2,558,270
Ocean Sciences	1	303,907	4	830,672	7	2,967,539	20	5,905,959	33	11,229,463
Physics	16	10,362,345	12	7,986,961	16	10,912,818	17	19,607,993	15	5,687,136
Science Communcations	-	-	-	-	-	-	-	-	-	-
IGPP	37	8,596,420	41	7,273,450	25	5,203,439	21	3,358,185	-	-
Institute of Marine Sciences	129	35,997,275	131	30,696,809	121	53,946,215	103	30,906,490	55	14,660,384
SCIPP	39	5,185,318	50	18,147,416	35	9,633,787	39	8,430,550	26	9,668,992

Table 2, continued

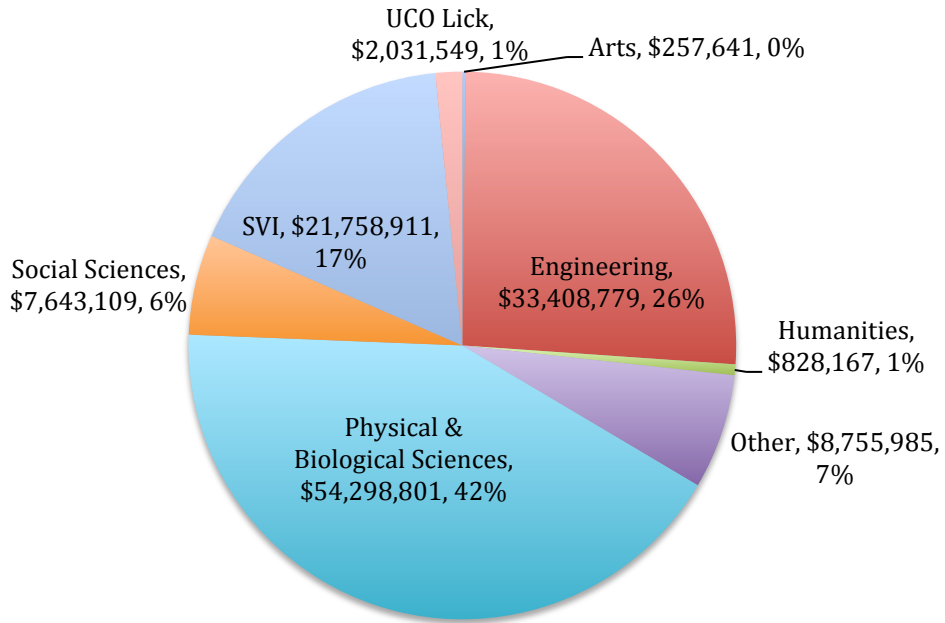
UCSC Sponsored Projects Proposals by Campus Area, FY 2011–2012 — FY 2015–2016

Division, Department, ORU	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 2013-2013	Number of Proposals 2014-2015	Proposal Value 2014-2015	Number of Proposals 2015-2016	Proposal Value 2015-2016
UCO Lick	75	20,977,517	64	12,738,667	39	8,881,218	42	6,664,263	26	2,810,999
Social Sciences Division	156	28,934,929	163	33,680,255	148	27,494,921	136	30,619,748	142	41,825,607
Division	-	-	-	-	1	494,409	2	172,078	-	-
Anthropology	24	2,149,194	20	2,022,593	23	1,901,310	29	4,040,748	24	2,058,120
Blum Center	-	-	-	-	-	-	-	-	1	731,339
CASFS	13	511,624	12	1,170,921	12	1,693,680	9	1,261,495	12	920,290
Center for Emerging Worlds	-	-	-	-	-	-	-	-	1	24,340
CERIUS	-	-	-	-	4	1,125,500	2	2,181,090	-	-
CfAO	-	-	-	-	1	74,000	-	-	-	-
CGIRS	-	-	5	690,126	4	308,510	3	1,085,565	-	-
CJTC	-	-	-	-	-	-	-	-	-	-
CLRC	-	-	-	-	-	-	-	-	-	-
Community Studies	3	222,322	1	101,992	-	-	-	-	-	-
Economics	5	607,302	6	351,923	8	597,037	8	1,160,064	10	1,705,869
Education	27	12,762,135	28	11,244,828	9	6,380,477	7	6,890,965	13	4,332,232
Environmental Studies	39	6,291,266	44	8,730,781	36	8,062,391	37	8,762,817	46	22,880,721
Inst.for Scientist & Eng. Educ.	5	896,900	2	370,956	4	1,167,798	5	390,000	8	2,312,846
Latin American & Latino Studies	13	971,302	7	2,112,028	6	806,551	3	1,776,487	3	2,415,747
Political & Legal Studies	-	-	-	-	-	-	-	-	-	-
Politics	5	713,271	5	596,249	11	684,023	13	1,036,619	7	762,028
Psychology	18	3,765,698	22	5,566,070	19	3,505,643	12	1,707,508	7	1,674,889
Sociology	4	43,915	11	721,788	10	693,592	4	114,552	5	1,626,681
The Everett Program	-	-	-	-	-	-	2	39,760	5	380,505
Other	32	22,155,744	23	4,358,618	30	18,105,453	27	6,782,107	26	17,027,725
Arboretum	2	170,000	4	192,500	4	847,401	1	26,750	-	-
BAS	1	89,265	-	-	-	-	-	-	-	-
Child Care Services	-	-	-	-	-	-	10	389,305	6	356,516
College Eight	-	-	-	-	-	-	1	20,000	1	27,788
Colleges, Housing & Ed Svcs	5	351,954	2	270,936	5	283,953	-	-	-	-
Educational Partner Ctr.	11	15,828,830	9	1,611,763	12	14,166,245	3	227,910	9	5,253,549
Grad Div.	3	13,730	3	1,954,500	5	2,330,100	4	2,269,918	5	3,193,710
MISC (ITS, Phys Planning)	-	-	-	-	3	465,799	-	-	-	-
Phys Ed/OPERS	1	25,100	1	6,400	-	-	-	-	1	39,560
OR/Chancellor's Ofc	-	-	-	-	-	-	-	-	-	-
Oakes College	-	-	-	-	-	-	1	39,378	-	-
Physical Plant	-	-	-	-	-	-	1	27,000	-	-
Retention Services	-	-	-	-	1	11,955	2	2,625,077	1	5,946,737
Student Engagement	1	25,100	-	-	-	-	-	-	-	-
Student Health Services	-	-	1	70,000	-	-	1	2,000	-	-
Student Services	1	1,000	-	-	-	-	-	-	-	-
Student Success Services	-	-	-	-	-	-	-	-	1	1,032,665
TAPS	2	262,220	1	167,000	-	-	1	49,000	2	1,177,200
UC College Prep	3	4,816,621	-	-	-	-	-	-	-	-
Undergraduate Education	-	-	-	-	-	-	1	1,080,769	-	-
Univ. Extension	-	-	-	-	-	-	-	-	-	-
University Library	2	571,924	-	85,519	-	-	1	25,000	-	-
Univ. Police	-	-	2	-	-	-	-	-	-	-
SVI	49	18,681,638	17	3,423,983	12	4,163,327	16	5,917,014	2	267,727
UARC	49	18,681,638	17	3,423,983	12	4,163,327	15	5,755,341	2	267,727
Silicon Valley Initiates	-	-	-	-	-	-	1	161,673	-	-

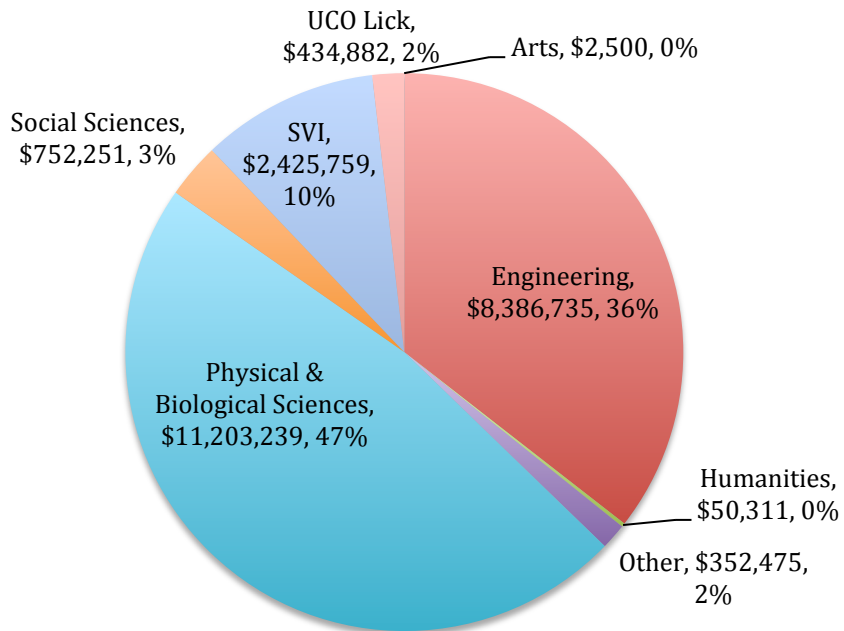
UCSC Sponsored Projects Awards FY 2012- FY 2016



UCSC AWARDS BY DIVISION FY 2016



UCSC AWARD INDIRECTS BY DIVISION FY 2016



UCSC Contracts and Grants by Source FY 2016

