

Office of Sponsored Projects
Office of Research

Annual Report FY 2017-2018

University of California,
Santa Cruz

**Office of Sponsored Projects
Annual Report: Fiscal year 2017-2018**

Highlights

- Grants and contract awards totaled \$154.4M, a 50% funding increase from last year. This increase in funding is partly due to Smarter Balanced, an educational assessment system, which is now administered by University Extension. Currently 12 states are participating in the consortium, including California, Washington, Oregon, Idaho, Montana, South Dakota, Nevada, Hawaii, Michigan, Connecticut, Delaware and Vermont.
- Over the last five years, UCSC has received \$663.9M in grants and contracts funding.
- During FY 2018, the federal government funded 62% (\$96,127,857) of the campus awards while private foundations accounted for 10% (\$14,633,043).
- The single-largest funding source was the National Institutes of Health (NIH) with \$42,349,722 followed by the National Science Foundation (NSF) with \$19,776,879. The Gordon & Betty Moore Foundation was the campus' single-largest private fund source with awards totaling \$3,683,932.
- University Extension received the largest award amount, \$9,550,000, from the California Department of Education. Biomolecular Engineering received the campus' next largest award, in the amount of \$5,850,000, from the National Institutes of Health (NIH).
- The top five campus units receiving awards were University Extension (\$30,433,012), Biomolecular Engineering (\$25,934,245), Ecology & Evolutionary Biology (\$13,110,535), Molecular, Cell & Developmental Biology (\$10,883,210) and Chemistry & Biochemistry (\$8,649,046).
- 985 Proposals were submitted with a total value of \$545,499,305.

UCSC Sponsored Projects Awards by Campus Area, FY 2013-2014 – FY 2017-2018												Page 1
Division, Department, ORU	Award Value 2013-2014	Number of Awards 2014-2015	Award Value 2014-2015	Number of Awards 2015-2016	Award Value 2015-2016	Number of Awards 2016-2017	Award Value 2016-2017	Number of Awards 2017-2018	Award Value 2017-2018	5-Year Total	5-Year % Change	
Campus-wide Total	140,014,863	732	137,687,989	774	128,982,942	687	102,885,648	774	154,356,859	663,928,301	10%	
Annual % Change	5.64%		-1.66%		-6.32%		-20.23%		50.03%			
Arts Division	378,677	20	394,226	10	257,641	9	183,067	11	512,940	1,726,551	35%	
Annual % Change	238%		4%		-35%		-29%		180%			
Division	-	0	-	0	-	0	-	0	-	-		
Art	7,700	7	86,000		-	0	-	2	125,000	218,700		
History of Art & Visual Culture	65,610	2	14,978	3	125,866	2	41,000	3	22,368	269,822		
Digital Arts & New Media	-	2	67,748	1	25,000	0	-	1	249,999	342,747		
Film & Digital Media	300,367	7	136,500	3	82,675	3	48,667	2	26,500	594,709		
Music	-	1	500	1	21,600	1	43,900	2	14,073	80,073		
CDAR	-	0	-	2	2,500	2	2,500	0	-	5,000		
Force Majeure Center	-	0	-	0	-	0	-	1	75,000	75,000		
Theater Arts/Shakespeare SC	5,000	1	88,500	0	-	1	47,000	0	-	140,500		
School of Engineering	33,049,955	133	32,561,849	141	33,408,779	125	24,062,555	142	37,302,193	160,385,331	13%	
Annual % Change	14%		-1%		3%		-28%		55%			
Division	-	0	-	1	450,000	0	-	0	-	450,000		
Applied Math & Statistics	1,744,856	15	1,584,389	17	1,538,980	12	1,055,446	17	1,552,135	7,475,806		
Biomolecular Engineering	18,691,006	35	15,866,274	37	21,669,641	33	13,422,519	47	25,934,245	95,583,685		
CBSE	-	9	4,712,829	4	1,690,087	8	2,005,143	4	455,224	8,863,283		
Ctr for Games & Playable Media	-	4	1,683,811	0	-	0	-	0	-	1,683,811		
Computational Media	-	1	439,930	6	107,000	4	115,604	4	151,353	813,887		
Computer Engineering	2,742,963	16	1,661,947	24	1,958,305	18	2,087,631	19	2,398,329	10,849,175		
Computer Science	5,620,165	25	2,983,365	31	3,230,063	31	2,224,839	31	4,038,095	18,096,527		
Electrical Engineering	3,382,454	21	3,033,461	15	2,432,027	15	2,339,456	19	2,672,812	13,860,210		
Technology Management	868,511	7	595,843	6	332,676	4	811,917	1	100,000	2,708,947		
Humanities Division	598,716	18	1,193,348	17	828,167	23	1,898,602	26	701,644	5,220,477	17%	
Annual % Change	-19%		99%		-31%		129%		-63%			
Division	-	0	-	0	-	0	-	0	-	-		
American Studies	-	0	-	0	-	0	-	0	-	-		
Dickens Project	-	0	-	1	119,417	1	5,000	1	124,241	248,658		
Feminist Studies	31,751	2	6,752	2	62,000	7	168,066	3	24,000	292,569		
History of Consciousness	-	0	-	2	24,572	1	3,200	0	-	27,772		
History	117,650	5	159,450	2	80,000	1	2,152	7	88,886	448,138		
Institute for Humanities Research	-	1	108,250	5	257,700	10	1,675,313	8	227,649	2,268,912		
Jewish Studies	-	1	11,500	1	150,000	0	-	0	-	161,500		
Languages	-	1	4,012	0	-	1	1,500	0	-	5,512		
Linguistics	1,576	3	651,830	1	32,913	1	1,371	3	177,318	865,008		
Literature	447,739	5	251,554	2	51,165	1	42,000	4	59,550	852,008		
Philosophy	-	0	-	1	50,400	0	-	0	-	50,400		

UCSC Sponsored Projects Awards by Campus Area, FY 2013-2014 – FY 2017-2018												Page 2
Division, Department, ORU	Award Value 2013-2014	Number of Awards 2014-2015	Award Value 2014-2015	Number of Awards 2015-2016	Award Value 2015-2016	Number of Awards 2016-2017	Award Value 2016-2017	Number of Awards 2017-2018	Award Value 2017-2018	5-Year Total	5-Year % Change	
P & B Sciences Division	51,488,210	342	52,338,464	344	54,298,801	392	53,817,945	438	67,063,910	279,007,330	30%	
Annual % Change	(0)		2%		4%		-1%		25%			
Division (CA Teach Prog)	1,450,000	0	-	1	23,632	0	-	0	-	1,473,632		
Astronomy & Astrophysics	2,840,490	34	2,204,210	37	3,035,180	50	5,196,638	44	5,390,868	18,667,386		
Ecology & Evolutionary Biology	2,675,342	33	3,367,399	49	11,931,585	65	11,463,407	59	13,110,535	42,548,268		
MCD Biology	8,887,022	37	9,744,000	42	9,406,643	37	9,481,429	53	10,883,210	48,402,304		
Chemistry & Biochemistry	6,426,944	38	8,247,817	43	5,412,186	40	5,348,345	51	8,649,046	34,084,338		
Earth & Planetary Sciences	1,391,773	20	1,417,719	53	5,513,483	49	4,580,697	57	5,320,617	18,224,289		
METX	3,348,097	16	3,211,322	19	3,813,812	17	2,968,602	13	3,084,356	16,426,189		
Math	427,137	8	518,983	6	211,893	9	482,409	11	447,164	2,087,586		
Natural Reserves	47,230	1	4,500	1	2,558,270	0	-	5	1,466,646	4,076,646		
Ocean Sciences	630,223	5	823,427	11	1,762,189	37	4,702,043	33	5,286,454	13,204,336		
Physics	2,184,680	8	1,110,180	12	1,807,120	12	2,239,118	13	1,977,941	9,319,039		
Science Communication	-	0	-	0	-	2	194,311	2	95,720	290,031		
IGPP	2,417,754	24	2,686,493	4	324,564	2	91,420	0	-	5,520,231		
Institute of Marine Sciences	14,138,966	93	14,153,517	46	4,269,721	35	5,490,501	51	7,098,264	45,150,969		
SCIPP	4,622,552	25	4,848,897	20	4,228,523	37	1,579,025	46	4,253,089	19,532,086		
UCO Lick	4,456,908	45	3,024,306	42	2,031,549	38	4,000,129	39	2,087,153	15,600,045	-53%	
Annual % Change	-13.78%		-32%		-33%		97%		-48%			
Social Sciences Division	9,053,306	94	7,928,477	69	7,643,109	65	8,925,066	66	7,381,733	40,931,691	-18%	
Annual % Change	28%		-12%		-4%		17%		-17%			
Division	-	0	-	0	-	1	75,000	1	94,899	169,899		
Anthropology	226,229	6	131,122	7	582,062	14	465,519	6	238,907	1,643,839		
CASFS	404,828	11	1,017,402	8	328,500	7	744,382	7	390,935	2,886,047		
CERIUS	-	2	526,147	1	399,894	0	-	0	-	926,041		
CFAO	-	0	-	0	-	0	-	0	-	-		
CGIRS	291,274	2	37,000	0	-	0	-	0	-	328,274		
CJTC	-	0	-	0	-	0	-	0	-	-		
Community Studies	-	0	-	0	-	0	-	0	-	-		
CRTP	-	0	-	0	-	0	-	0	-	-		
Economics	442,234	6	203,607	5	294,289	2	170,820	8	608,900	1,719,850		
Education	3,711,816	10	1,284,500	6	1,033,613	7	788,291	8	170,474	6,988,694		
Environmental Studies	2,266,326	24	1,733,866	19	2,636,571	14	3,903,014	10	3,096,633	13,636,410		
Inst. Scientists & Engineerin Educ.	455,320	7	686,590	7	598,889	6	1,001,568	10	1,797,008	4,539,375		
Latin American & Latino Studies	518,594	2	19,935	2	190,750	1	999,999	1	1,500	1,730,778		
Norris Center	-	0	-	0	-	1	99,917	0	-	99,917		
Politics	23,716	7	573,174	2	57,828	3	103,200	1	200,000	957,918		
Psychology	672,024	11	1,138,660	4	364,520	2	9,033	8	259,417	2,443,654		
Sociology	40,945	5	571,714	5	946,194	4	78,135	5	515,060	2,152,048		
The Everett Program	-	1	4,760	3	209,999	3	486,188	1	8,000	708,947		

UCSC Sponsored Projects Awards by Campus Area, FY 2013-2014 – FY 2017-2018											Page 3
Division, Department, ORU	Award Value	Number of Awards	Award Value	Number of Awards	Award Value	Number of Awards	Award Value	Number of Awards	Award Value	5-Year Total	5-Year % Change
	2013-2014	2014-2015	2014-2015	2015-2016	2015-2016	2016-2017	2016-2017	2017-2018	2017-2018		
Other	7,873,922	24	5,002,417	27	8,755,985	33	9,866,526	52	39,307,286	70,806,136	399%
Annual % Change	21%		-36%		75%		13%		298%		
Arboretum	200,000	0	-	0	-	1	2,791	0	-	202,791	
Admissions/General	-	0	-	0	-	0	-	1	142,200		
Arts & Lectures	-	0	-	0	-	0	-	0	-	-	
BAS	-	0	-	0	-	0	-	0	-	-	
Campus Life	-	1	14,000	0	-	0	-	0	-	14,000	
Child Care Services	-	7	316,011	8	417,257	6	245,268	5	328,178	1,306,714	
CITL/CTR Inn in Teaching & Learning	-	0	-	0	-	1	5,711	1	32,745	38,456	
College Eight	-	1	20,000	0	-	0	-	0	-	20,000	
Colleges, Housing & Ed Svcs	282,556	0	-	0	-	0	-	0	-	282,556	
Dean of Students	-	0	-	0	-	0	-	1	60,000	60,000	
Ed Partnership Center	4,582,566	9	2,405,711	8	4,992,146	15	4,459,927	20	3,580,341	20,020,691	
Grad Div	2,308,800	2	2,068,000	3	2,216,834	2	2,173,532	3	2,677,650	11,444,816	
OMIP	-	0	-	0	-	0	-	0	-	-	
Oakes College	-	0	-	1	19,689	1	19,500	0	-	39,189	
Physical Ed/OPERS	-	1	39,740	1	30,120	1	21,244	2	46,132	137,236	
Physical Plant	-	1	27,000	0	-	0	-	1	10,000	37,000	
Retention Svcs/Stdnt Achievement & Equity Innov	-	1	11,955	2	608,903	3	1,717,212	3	1,768,864	4,106,934	
Student Engagement	-	0	-	0	-	0	-	0	-	-	
Student Health Services	-	0	-	0	-	0	-	0	-	-	
Student Services	-	0	-	0	-	0	-	0	-	-	
Student Success Services	-	0	-	0	-	1	1,000,000	0	-	1,000,000	
TAPS	-	0	-	1	19,500	0	-	1	10,000	29,500	
UC College Prep	-	0	-	0	-	0	-	0	-	-	
Undergraduate Education	-	0	-	1	230,120	0	-	1	218,164	448,284	
Univ. Extension	-	0	-	0	-	0	-	13	30,433,012	30,433,012	
University Library	-	1	100,000	1	25,000	1	17,766	0	-	142,766	
ITS	500,000		-	1	196,416	1	203,575	0	-	899,991	
SVI	33,115,169	56	35,244,902	124	21,758,911	2	131,758	0	-	90,250,740	-100%
Annual % Change	23%		6%		-38%		-99%		-100%		
Silicon Valley Initiatives	-	1	285,789	0	-	0	-	0	-	285,789	
UARC	33,115,169	55	34,959,113	124	21,758,911	2	131,758	0	-	89,964,951	

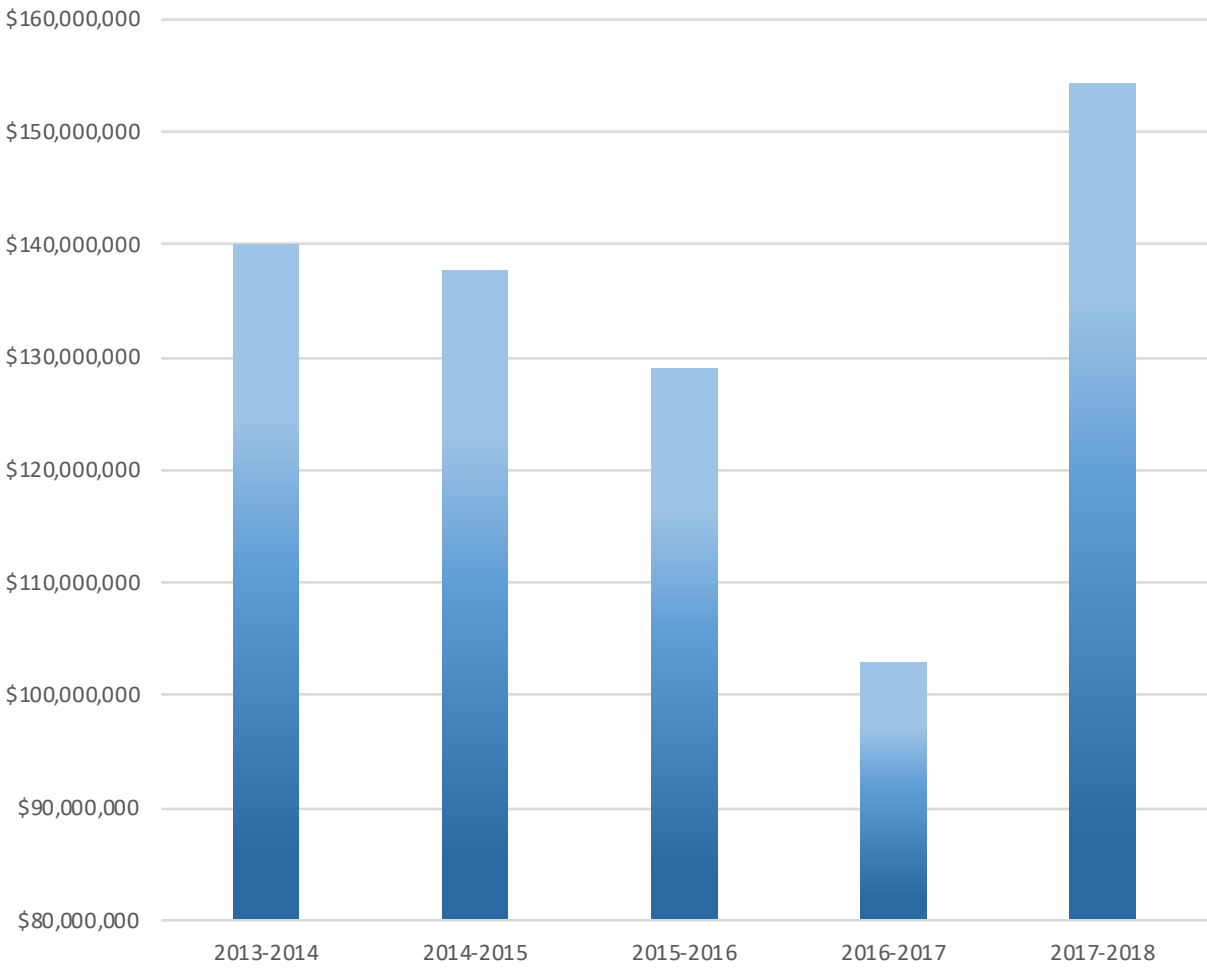
Table 2

UCSC Sponsored Projects Proposals by Campus Area, FY 2013–2014 – FY 2017–2018

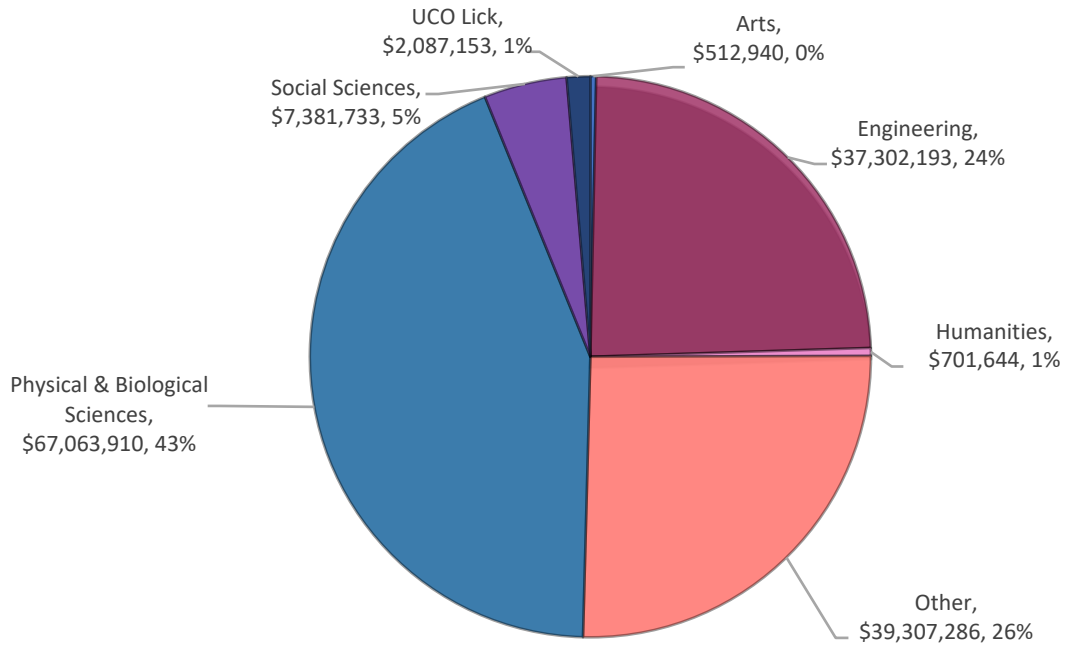
Division, Department, ORU	Number of Proposals 2013-2014	Proposal Value 2013-2014	Number of Proposals 2014-2015	Proposal Value 2014-2015	Number of Proposals 2015-2016	Proposal Value 2015-2016	Number of Proposals 2016-2017	Proposal Value 2016-2017	Number of Proposals 2017-2018	Proposal Value 2017-2018
Campus-wide Total	914	534,789,293	1,008	365,026,959	967	372,624,394	1,031	529,739,151	985	545,499,305
Arts Division	16	409,069	33	575,756	23	1,026,702	23	1,199,240	7	634,559
Division	-	-	-	-	-	-	-	-	1	55,000
Art	4	46,700	7	61,000	3	360,099	2	30,000	1	100,000
Art History	-	-	-	-	-	-	-	-	-	-
Digital Arts & New Media (DANM)	-	-	2	26,500	-	-	1	249,999	-	-
Film & Digital Media	9	291,759	14	230,405	8	232,881	8	635,304	1	21,551
Music	1	5,000	4	62,589	2	121,600	5	90,173	-	0
Theater Arts/SSC	2	65,610	2	116,648	-	-	4	102,091	-	0
History of Art & Visual Culture	-	-	4	78,614	6	178,866	3	91,673	2	220,000
Center for Creative Ecologies	-	-	-	-	1	35,000	-	0	-	0
Center for Documentary Arts and Research	-	-	-	-	2	39,296	-	0	-	0
Force Majeure Center	-	-	-	-	-	-	-	-	1	150,000
Games & Playable Media	-	-	-	-	-	-	-	-	1	88,008
OpenLab	-	-	-	-	1	58,960	-	0	-	0
School of Engineering	200	235,348,815	227	97,187,417	229	122,981,900	241	228,664,769	232	211,401,007
Division	-	-	-	-	-	-	-	-	-	-
Applied Math & Statistics	32	8,000,448	29	7,711,798	18	7,257,787	20	5,859,786	24	7,603,679
Biomolecular Engineering	52	161,728,757	53	41,392,963	57	57,388,177	79	146,668,310	71	112,504,733
Ctr Biomolecular Sci & Eng	-	-	3	1,452,993	8	7,907,179	-	0	3	1,489,814
Ctr for Games & Playable Media	-	-	3	3,828,562	-	-	1	496,528	2	976,384
Computer Engineering	39	10,382,480	59	12,268,681	46	13,416,367	39	15,551,322	45	42,756,920
Computer Science	42	19,343,288	36	15,074,417	38	13,226,287	40	20,074,248	31	12,447,148
Computational Media	-	-	1	998,423	11	4,414,741	11	1,788,709	10	2,592,996
Electrical Engineering	30	34,576,230	36	12,582,464	42	16,393,823	44	36,618,867	39	28,536,514
Technology Management	5	1,317,612	7	1,877,116	9	2,977,539	7	1,606,999	7	2,492,819
Humanities Division	27	3,082,441	27	2,447,388	34	2,365,791	51	4,818,265	58	4,142,715
Division	-	-	-	-	-	0	1	42,000	-	0
American Studies	-	-	-	-	-	0	-	-	-	-
Dickens Project	-	-	1	119,417	2	244,332	3	134,343	2	109,986
Feminist Studies	2	32,021	3	104,134	4	161,693	5	61,717	4	149,000
History of Consciousness	-	-	-	-	3	27,772	-	0	3	53,774
History	15	1,664,305	7	277,991	5	163,419	16	737,580	12	689,151
Institute for Humanities Research	1	196,500	3	250,000	12	1,099,790	17	2,984,822	13	1,370,322
Jewish Studies	-	-	2	236,500	-	0	1	92,067	-	0
Languages	-	-	1	4,012	-	0	1	1,500	-	0
Linguistics	1	261,255	3	605,317	3	302,209	5	455,858	3	559,763
Literature	7	828,360	7	850,017	4	316,176	2	308,378	21	1,210,719
Philosophy	1	100,000	-	-	1	50,400	-	0	-	0
Physical & Biological Sci. Div.	442	237,304,049	500	214,833,266	485	184,317,943	520	233,124,819	484	231,922,209
Division (CA Teach Prog)	-	-	-	-	-	-	2	449,999	-	-
Astronomy & Astrophysics	39	12,136,250	47	10,273,021	48	14,734,702	56	23,364,791	41	15,385,541
Ecology & Evolutionary Biology	34	15,132,940	67	23,279,599	66	20,140,318	89	25,770,719	76	27,238,807
MCD Biology	22	35,273,494	44	41,475,321	68	41,332,124	56	50,021,558	55	45,222,914
Chemistry & Biochemistry	74	67,371,581	60	37,276,900	61	33,178,801	70	43,571,815	84	66,872,711
Earth & Planetary Sciences	35	7,813,941	49	21,952,682	85	16,808,493	59	22,329,846	53	11,761,495
Microbiology and Environmental Toxicology	25	15,790,642	25	11,012,366	15	12,781,492	18	7,814,636	16	13,800,975
Mathematics	9	1,121,403	6	1,334,594	12	1,537,768	14	5,347,292	10	1,624,962
Natural Reserves	-	-	2	19,606	1	2,558,270	2	86,789	3	1,478,282
Ocean Sciences	7	2,967,539	20	5,905,959	33	11,229,463	58	15,686,900	28	10,909,165
Physics	16	10,912,818	17	19,607,993	15	5,687,136	22	9,514,252	20	4,917,369
Science Communications	-	-	-	-	-	-	3	245,346	1	46,790
IGPP	25	5,203,439	21	3,358,185	-	-	-	-	-	-
Institute of Marine Sciences	121	53,946,215	103	30,906,490	55	14,660,384	46	10,281,622	71	28,861,811
SCIPP	35	9,633,787	39	8,430,550	26	9,668,992	25	18,639,254	26	3,801,387

Table 2, continued											
UCSC Sponsored Projects Proposals by Campus Area, FY 2013–2014 – FY 2017–2018											
Division, Department, ORU	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	Number of Proposals 2016-2017	Proposal Value 2016-2017	Number of Proposals 2017-2018	Proposal Value 2017-2018	
UCO Lick	39	8,881,218	42	6,664,263	26	2,810,999	35	5,383,256	30	5,439,266	
Social Sciences Division	148	27,494,921	136	30,619,748	142	41,825,607	133	38,113,406	121	24,897,262	
Division	1	494,409	2	172,078	-	-	2	360,000	4	721,620	
Anthropology	23	1,901,310	29	4,040,748	24	2,058,120	21	3,079,257	19	1,396,651	
Blum Center	-	-	-	-	1	731,339	-	0	-	0	
CASFS	12	1,693,680	9	1,261,495	12	920,290	7	947,733	10	1,088,127	
Center for Emerging Worlds	-	-	-	-	1	24,340	-	0	-	0	
CERIUS	4	1,125,500	2	2,181,090	-	-	-	-	-	-	
CfAO	1	74,000	-	-	-	-	-	-	-	-	
CGIRS	4	308,510	3	1,085,565	-	-	-	-	-	-	
CJTC	-	-	-	-	-	-	-	-	-	-	
CLRC	-	-	-	-	-	-	-	-	2	79,999	
Community Studies	-	-	-	-	-	-	2	998,328	-	-	
Economics	8	597,037	8	1,160,064	10	1,705,869	6	1,403,213	7	2,132,753	
Education	9	6,380,477	7	6,890,965	13	4,332,232	12	2,702,333	8	358,724	
Environmental Studies	36	8,062,391	37	8,762,817	46	22,880,721	26	10,980,768	29	10,235,138	
Inst. for Scientist & Eng. Educ.	4	1,167,798	5	390,000	8	2,312,846	9	1,981,694	8	1,081,257	
Latin American & Latino Studies	6	806,551	3	1,776,487	3	2,415,747	2	37,002	7	146,948	
Political & Legal Studies	-	-	-	-	-	-	-	-	-	-	
Politics	11	684,023	13	1,036,619	7	762,028	8	1,007,586	6	896,233	
Psychology	19	3,505,643	12	1,707,508	7	1,674,889	20	11,369,523	9	2,677,992	
Sociology	10	693,592	4	114,552	5	1,626,681	13	2,179,028	10	3,777,398	
The Everett Program	-	-	2	39,760	5	380,505	5	1,066,941	2	304,422	
Other	30	18,105,453	27	6,782,107	26	17,027,725	46	24,713,150	53	67,062,287	
Admissions/General	-	-	-	-	-	-	-	-	1	142,200	
Arboretum	4	847,401	1	26,750	-	-	1	2,791	1	1,000	
BAS	-	-	-	-	-	-	-	-	-	-	
Child Care Services	-	-	10	389,305	6	356,516	7	338,742	7	394,013	
CITL/CTR Inn in Teaching & Learning	-	-	-	-	-	0	1	60,000	-	0	
College Eight	-	-	1	20,000	1	27,788	-	0	-	0	
Colleges, Housing & Ed Svcs	5	283,953	-	-	-	-	-	-	-	-	
Dean of Students	-	-	-	-	-	-	1	58,824	-	-	
Educational Partner Ctr.	12	14,166,245	3	227,910	9	5,253,549	19	21,881,135	18	5,170,962	
Grad Div.	5	2,330,100	4	2,269,918	5	3,193,710	10	2,192,666	4	2,741,761	
MISC (ITS, Phys Planning)	3	465,799	-	-	-	-	-	-	-	-	
Phys Ed/OPERS	-	-	-	-	1	39,560	2	41,299	1	26,132	
OR/Chancellor's Ofc	-	-	-	-	-	-	-	-	-	-	
Oakes College	-	-	1	39,378	-	-	1	49,927	-	-	
Physical Plant	-	-	1	27,000	-	-	1	10,000	-	-	
Retention Services/Stdt Achievement & Equity Innov.	1	11,955	2	2,625,077	1	5,946,737	1	50,000	1	100,000	
Student Engagement	-	-	-	-	-	-	-	-	-	-	
Student Health Services	-	-	1	2,000	-	-	-	-	-	-	
Student Services	-	-	-	-	-	-	-	-	-	-	
Student Success Services	-	-	-	-	1	1,032,665	-	0	1	1,068,763	
TAPS	-	-	1	49,000	2	1,177,200	1	10,000	1	90,000	
UC College Prep	-	-	-	-	-	-	-	-	-	-	
Undergraduate Education	-	-	1	1,080,769	-	-	-	-	-	-	
Univ. Extension	-	-	-	-	-	-	-	-	14	57,002,948	
University Library	-	-	1	25,000	-	-	1	17,766	3	115,600	
Univ. Police	-	-	-	-	-	-	-	-	1	208,908	

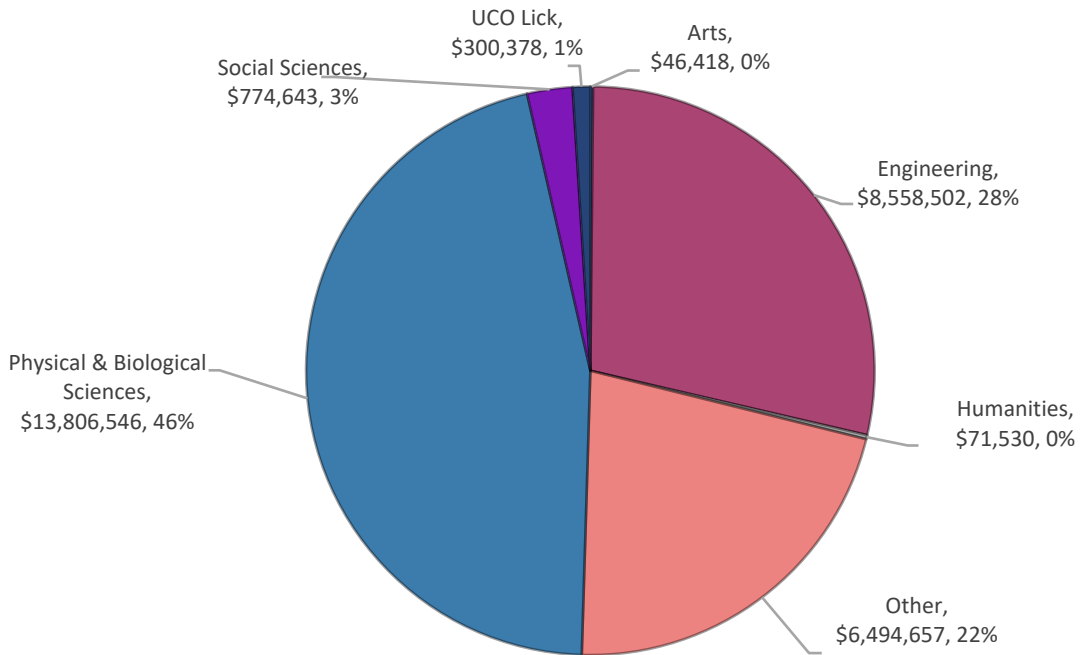
UCSC Sponsored Projects Awards FY 2014 - FY 2018



UCSC AWARDS BY DIVISION FY 2018



UCSC AWARD INDIRECTS BY DIVISION FY 2018



UCSC Contracts and Grants by Source FY 2018

