

Office of Sponsored Projects
Office of Research

Annual Report FY 2018-2019

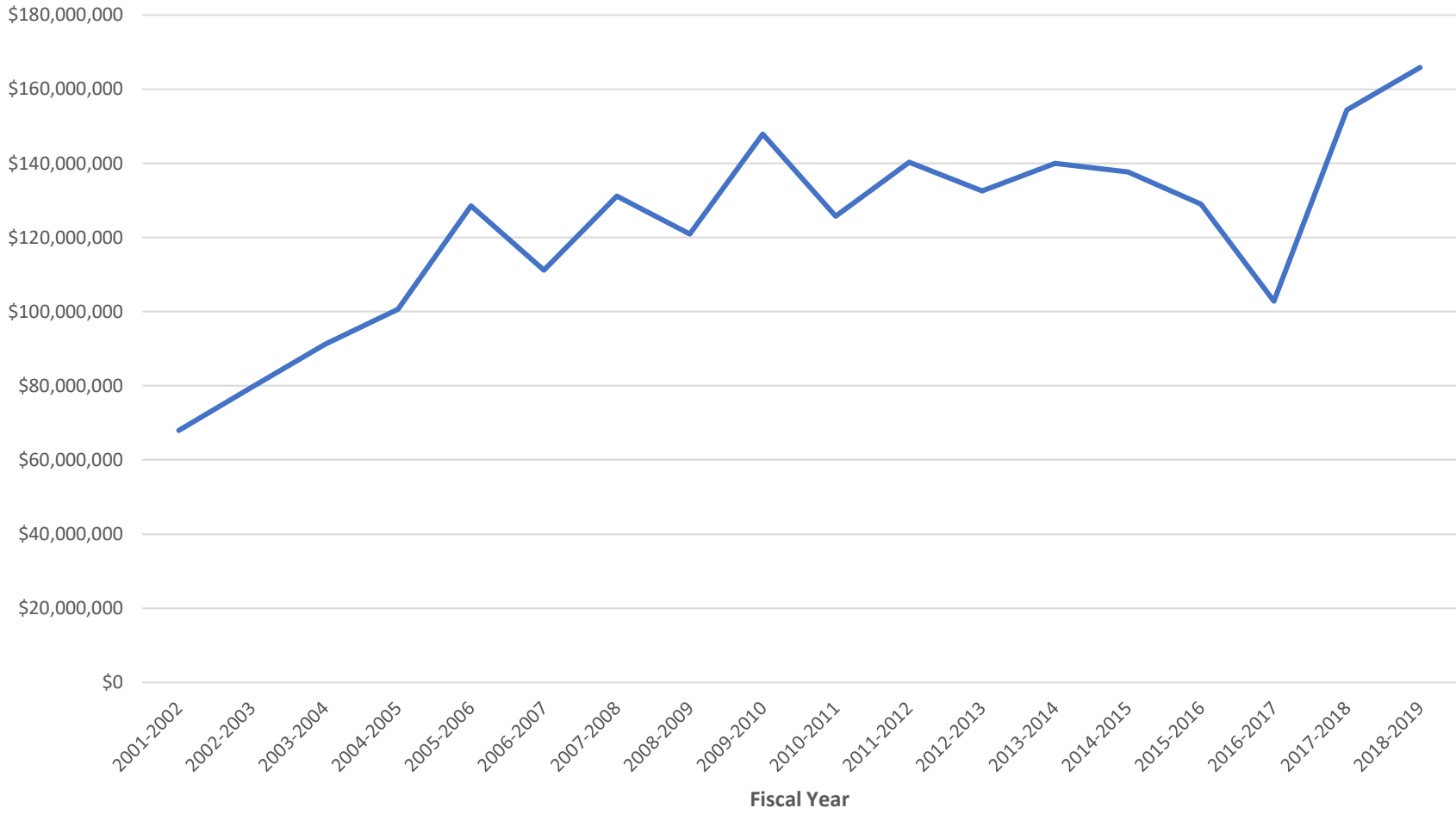
University of California,
Santa Cruz

**Office of Sponsored Projects
Annual Report: Fiscal year 2018-2019**

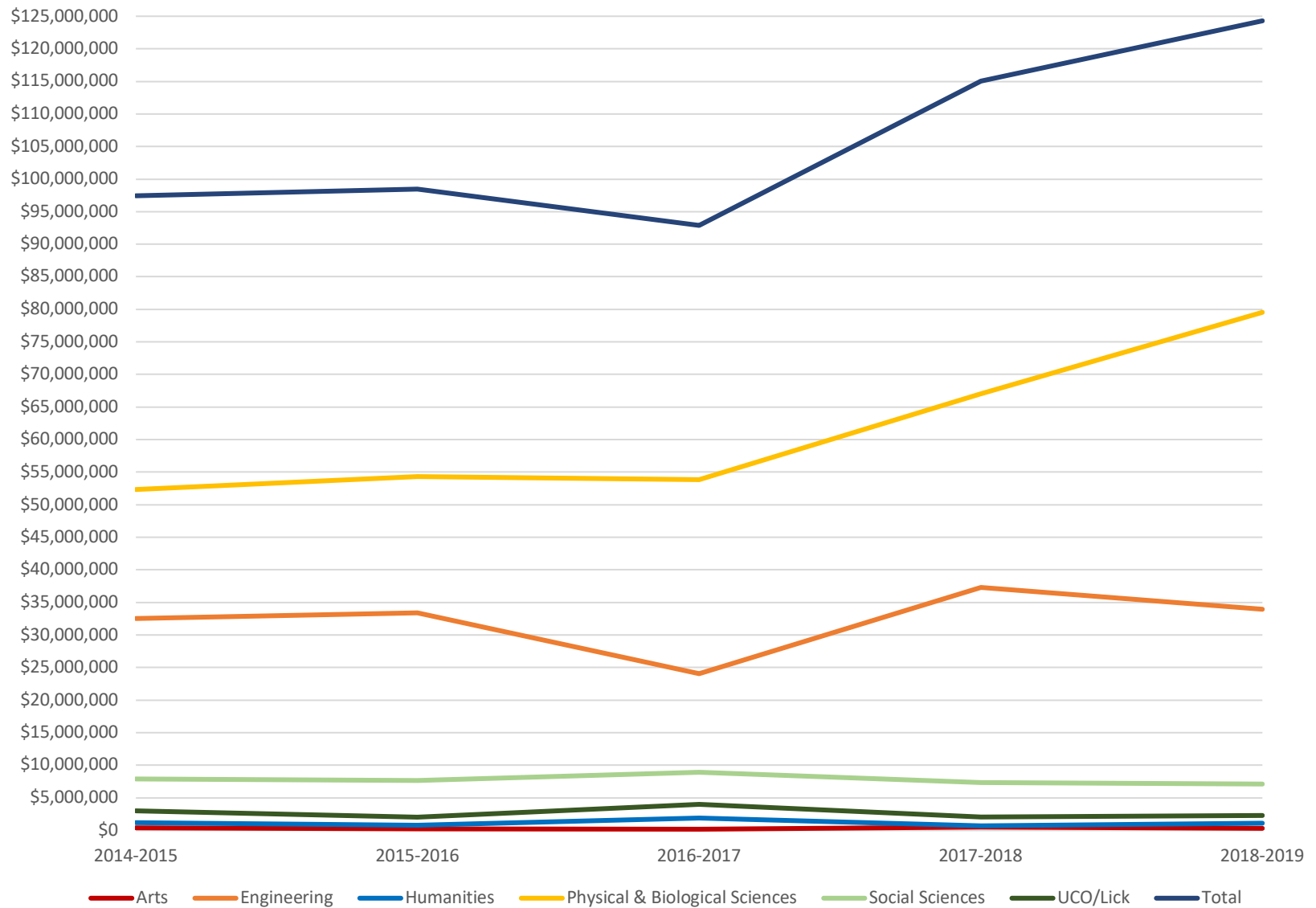
Highlights

- Grants and contract awards totaled \$165.9M, a 7.4% funding increase from last year.
- Over the last five years, UCSC has received \$689.8M in grants and contracts funding.
- During FY 2019, the federal government funded 64% (\$105,715,493) of the campus awards while charitable organizations accounted for 7% (\$10,786,685).
- The single-largest funding source was the National Institutes of Health (NIH) with \$41,049,218 followed by the National Science Foundation (NSF) with \$25,366,377. The Heising-Simons Foundation was the campus' single-largest private fund source with awards totaling \$2,267,931.
- University Extension received the two largest award amounts, \$9,687,693 and \$5,891,620, from the California Department of Education and the State of Washington, respectively. Biomolecular Engineering received the campus' next largest award, in the amount of \$3,611,010, from the National Institutes of Health (NIH).
- The top five campus units receiving awards were University Extension (\$30,053,568), Biomolecular Engineering (\$20,975,710), Institute of Marine Sciences (\$16,014,997), Chemistry & Biochemistry (\$12,771,954) and Molecular, Cell & Developmental Biology (\$11,145,218).
- 1,038 Proposals were submitted with a total value of \$521,856,983.

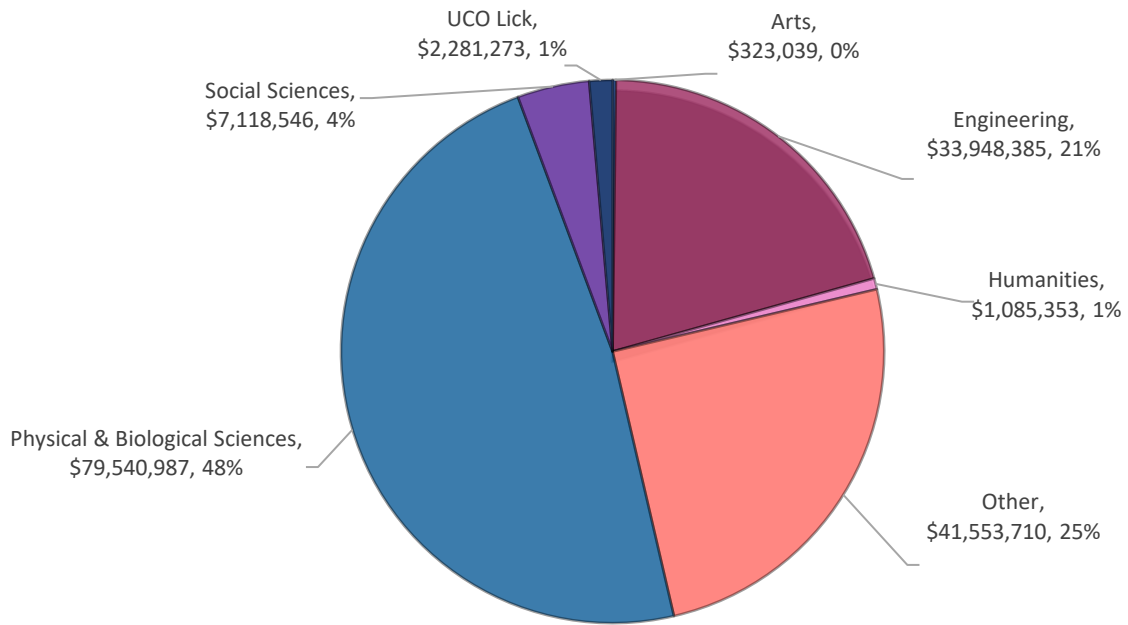
UCSC Sponsored Projects Awards



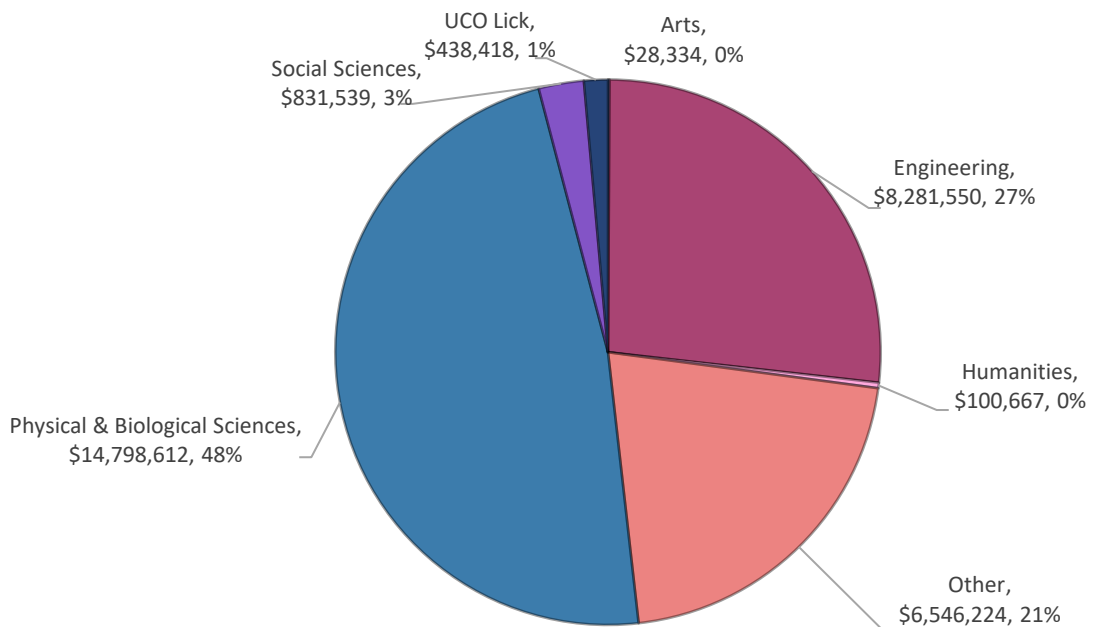
UCSC Academic Division Award Totals



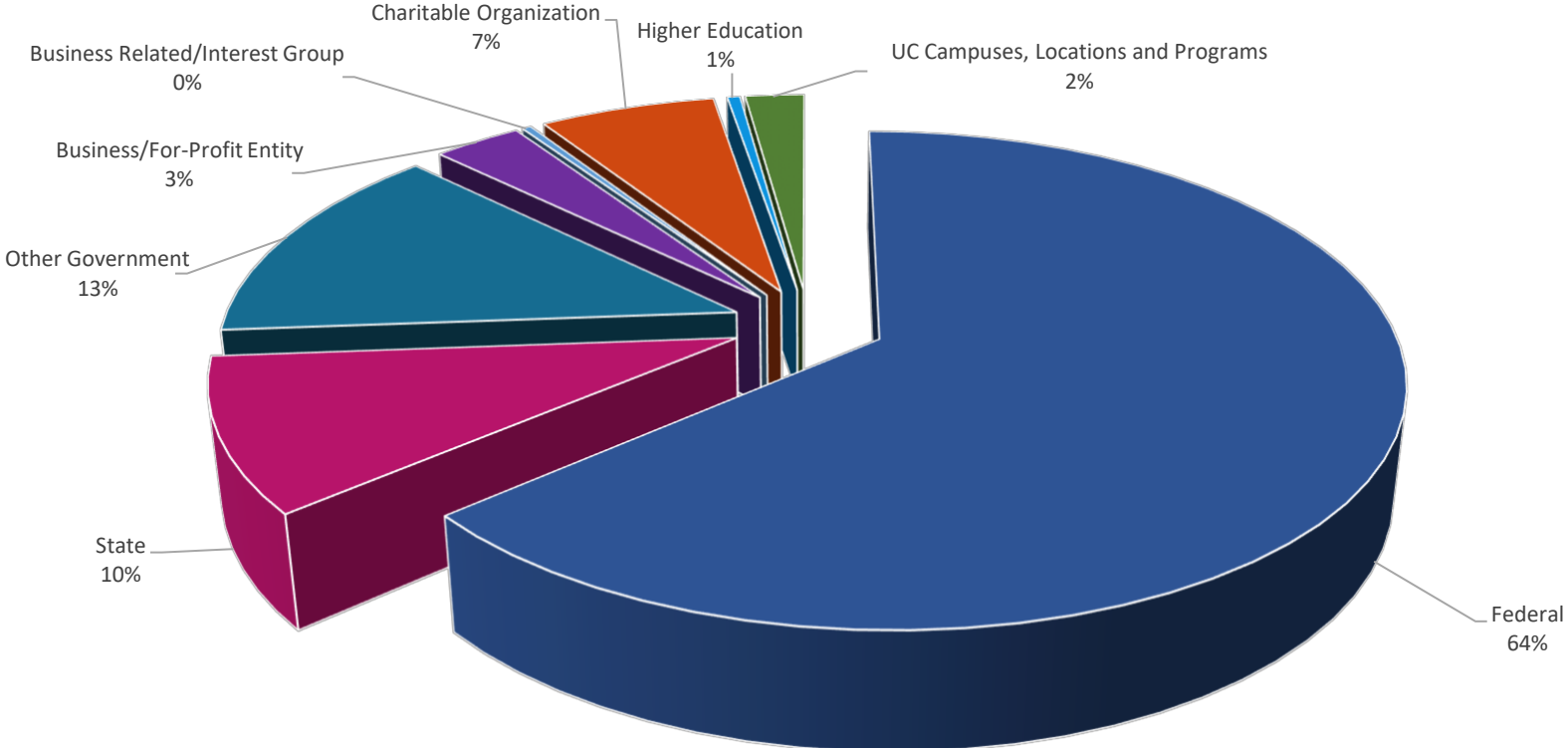
UCSC AWARDS BY DIVISION FY 2019



UCSC AWARD INDIRECTS BY DIVISION FY 2019



UCSC Contracts and Grants by Source FY 2019



UCSC Sponsored Projects Awards by Campus Area, FY 2014-2015 – FY 2018-2019												Page 1
Division, Department, ORU	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	Number of Awards 2018-2019	Award Value 2018-2019	5-Year Total	5-Year % Change
Campus-wide Total	732	137,687,989	774	128,982,942	687	102,885,648	774	154,356,859	708	165,851,293	689,764,731	20%
Annual % Change		-2%		-6%		-20%		50%		7%		
Arts Division	20	394,226	10	257,641	9	183,067	11	512,940	5	323,039	1,670,913	-18%
Annual % Change		4%		-35%		-29%		180%		-37%		
Division	-	-	-	-	-	-	-	-	1	125,000	125,000	
Art	7	86,000	-	-	-	-	2	125,000	1	33,500	244,500	
History of Art & Visual Culture	2	14,978	3	125,866	2	41,000	3	22,368	1	44,539	248,751	
Digital Arts & New Media	2	67,748	1	25,000	-	-	1	249,999	-	-	342,747	
Film & Digital Media	7	136,500	3	82,675	3	48,667	2	26,500	1	45,000	339,342	
Music	1	500	1	21,600	1	43,900	2	14,073	-	-	80,073	
CDAR	-	-	2	2,500	2	2,500	-	-	-	-	5,000	
Force Majeure Center	-	-	-	-	-	-	1	75,000	1	75,000	150,000	
Theater Arts/Shakespeare SC	1	88,500	-	-	1	47,000	-	-	-	-	135,500	
School of Engineering	133	32,561,849	141	33,408,779	125	24,062,555	142	37,302,193	134	33,948,385	161,283,761	4%
Annual % Change		-1%		3%		-28%		55%		-9%		
Division	-	-	1	450,000	-	-	-	-	2	200,000	650,000	
Applied Math & Statistics	15	1,584,389	17	1,538,980	12	1,055,446	17	1,552,135	-	-	5,730,950	
Biomolecular Engineering	35	15,866,274	37	21,669,641	33	13,422,519	47	25,934,245	45	20,975,710	97,868,389	
CBSE	9	4,712,829	4	1,690,087	8	2,005,143	4	455,224	5	1,199,458	10,062,741	
Ctr for Games & Playable Media	4	1,683,811	-	-	-	-	-	-	-	-	1,683,811	
Computational Media	1	439,930	6	107,000	4	115,604	4	151,353	4	463,179	1,277,066	
Computer Engineering	16	1,661,947	24	1,958,305	18	2,087,631	19	2,398,329	-	-	8,106,212	
Computer Science	25	2,983,365	31	3,230,063	31	2,224,839	31	4,038,095	-	-	12,476,362	
Electrical Engineering	21	3,033,461	15	2,432,027	15	2,339,456	19	2,672,812	-	-	10,477,756	
Technology Management	7	595,843	6	332,676	4	811,917	1	100,000	-	-	1,840,436	
Applied Mathematics	-	-	-	-	-	-	-	-	8	445,774	445,774	
Computer Science & Engineering	-	-	-	-	-	-	-	-	41	5,968,539		
Electrical & Computer Engineering	-	-	-	-	-	-	-	-	24	4,195,417		
Statistics	-	-	-	-	-	-	-	-	5	500,308		
Humanities Division	18	1,193,348	17	828,167	23	1,898,602	26	701,644	21	1,085,353	5,707,114	-9%
Annual % Change		99%		-31%		129%		-63%		55%		
Division	-	-	-	-	-	-	-	-	1	30,000	30,000	
American Studies	-	-	-	-	-	-	-	-	-	-	-	
Dickens Project	-	-	1	119,417	1	5,000	1	124,241	1	94,143	342,801	
Feminist Studies	2	6,752	2	62,000	7	168,066	3	24,000	4	74,500	335,318	
History of Consciousness	-	-	2	24,572	1	3,200	-	-	2	15,774	43,546	
History	5	159,450	2	80,000	1	2,152	7	88,886	6	118,404	448,892	
Institute for Humanities Research	1	108,250	5	257,700	10	1,675,313	8	227,649	3	260,000	2,528,912	
Jewish Studies	1	11,500	1	150,000	-	-	-	-	-	-	161,500	
Languages	1	4,012	-	-	1	1,500	-	-	-	-	5,512	
Linguistics	3	651,830	1	32,913	1	1,371	3	177,318	1	248,532	1,111,964	
Literature	5	251,554	2	51,165	1	42,000	4	59,550	2	214,000	618,269	
Philosophy	-	-	1	50,400	-	-	-	-	1	30,000	80,400	

UCSC Sponsored Projects Awards by Campus Area, FY 2014–2015 – FY 2018–2019													Page 2
Division, Department, ORU	Number of Awards	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	
	2014-2015	2014-2015	2015-2016	2015-2016	2016-2017	2016-2017	2017-2018	2017-2018	2018-2019	2018-2019			
P & B Sciences Division	342	52,338,464	344	54,298,801	392	53,817,945	438	67,063,910	396	79,540,987	307,060,107	52%	
Annual % Change		2%		4%		-1%		25%		19%			
Division (CA Teach Prog)	-	-	1	23,632	-	-	-	-	2	1,377,994	1,401,626		
Astronomy & Astrophysics	34	2,204,210	37	3,035,180	50	5,196,638	44	5,390,868	36	7,658,594	23,485,490		
Ecology & Evolutionary Biology	33	3,367,399	49	11,931,585	65	11,463,407	59	13,110,535	48	9,628,807	49,501,733		
MCD Biology	37	9,744,000	42	9,406,643	37	9,481,429	53	10,883,210	33	11,145,218	50,660,500		
Chemistry & Biochemistry	38	8,247,817	43	5,412,186	40	5,348,345	51	8,649,046	52	12,771,954	40,429,348		
Earth & Planetary Sciences	20	1,417,719	53	5,513,483	49	4,580,697	57	5,320,617	55	5,199,170	22,031,686		
METX	16	3,211,322	19	3,813,812	17	2,968,602	13	3,084,356	17	4,146,443	17,224,535		
Math	8	518,983	6	211,893	9	482,409	11	447,164	6	114,429	1,774,878		
Natural Reserves	1	4,500	1	2,558,270	-	-	5	1,466,646	2	38,552	4,067,968		
Ocean Sciences	5	823,427	11	1,762,189	37	4,702,043	33	5,286,454	34	4,235,729	16,809,842		
Physics	8	1,110,180	12	1,807,120	12	2,239,118	13	1,977,941	12	1,764,806	8,899,165		
Science Communication	-	-	-	-	2	194,311	2	95,720	2	345,500	635,531		
IGPP	24	2,686,493	4	324,564	2	91,420	-	-	-	-	3,102,477		
Institute of Marine Sciences	93	14,153,517	46	4,269,721	35	5,490,501	51	7,098,264	64	16,014,997	47,027,000		
SCIPP	25	4,848,897	20	4,228,523	37	1,579,025	46	4,253,089	33	5,098,794	20,008,328		
UCO Lick	45	3,024,306	42	2,031,549	38	4,000,129	39	2,087,153	33	2,281,273	13,424,410	-25%	
Annual % Change		-32%		-33%		97%		-48%		9%			
Social Sciences Division	94	7,928,477	69	7,643,109	65	8,925,066	66	7,381,733	64	7,118,546	38,996,931	-10%	
Annual % Change		-12%		-4%		17%		-17%		-4%			
Division	-	-	-	-	1	75,000	1	94,899	2	500,464	670,363		
Anthropology	6	131,122	7	582,062	14	465,519	6	238,907	4	418,798	1,836,408		
CASFS	11	1,017,402	8	328,500	7	744,382	7	390,935	5	721,820	3,203,039		
CERIOUS	2	526,147	1	399,894	-	-	-	-	-	-	926,041		
CFAO	-	-	-	-	-	-	-	-	-	-	-		
CGIRS	2	37,000	-	-	-	-	-	-	-	-	37,000		
Chicano Latino Research Center	-	-	-	-	-	-	-	-	1	25,000	25,000		
CJTC	-	-	-	-	-	-	-	-	-	-	-		
Community Studies	-	-	-	-	-	-	-	-	-	-	-		
CRTP	-	-	-	-	-	-	-	-	-	-	-		
Economics	6	203,607	5	294,289	2	170,820	8	608,900	6	313,025	1,590,641		
Education	10	1,284,500	6	1,033,613	7	788,291	8	170,474	12	481,805	3,758,683		
Environmental Studies	24	1,733,866	19	2,636,571	14	3,903,014	10	3,096,633	14	2,415,976	13,786,060		
Inst. Scientists & Engineerin Educ.	7	686,590	7	598,889	6	1,001,568	10	1,797,008	8	1,468,835	5,552,890		
Latin American & Latino Studies	2	19,935	2	190,750	1	999,999	1	1,500	-	-	1,212,184		
Norris Center	-	-	-	-	1	99,917	-	-	-	-	99,917		
Politics	7	573,174	2	57,828	3	103,200	1	200,000	2	375,867	1,310,069		
Psychology	11	1,138,660	4	364,520	2	9,033	8	259,417	5	279,438	2,051,068		
Sociology	5	571,714	5	946,194	4	78,135	5	515,060	4	77,518	2,188,621		
The Everett Program	1	4,760	3	209,999	3	486,188	1	8,000	1	40,000	748,947		

UCSC Sponsored Projects Awards by Campus Area, FY 2014-2015 – FY 2018-2019													Page 3
Division, Department, ORU	Number of Awards	Award Value	Number of Awards	Award Value	Number of Awards	Award Value	Number of Awards	Award Value	Number of Awards	Award Value	5-Year	5-Year	
	2014-2015	2014-2015	2015-2016	2015-2016	2016-2017	2016-2017	2017-2018	2017-2018	2018-2019	2018-2019	Total	% Change	
Other	24	5,002,417	27	8,755,985	33	9,866,526	52	39,307,286	55	41,553,710	104,485,924	731%	
Annual % Change		-36%		75%		13%		298%		6%			
Arboretum	-	-	-	-	1	2,791	-	-	-	-	2,791		
Admissions/General	-	-	-	-	-	-	1	142,200	-	-	142,200		
Arts & Lectures	-	-	-	-	-	-	-	-	-	-	-		
BAS	-	-	-	-	-	-	-	-	-	-	-		
Campus Life	1	14,000	-	-	-	-	-	-	-	-	14,000		
Child Care Services	7	316,011	8	417,257	6	245,268	5	328,178	6	386,007	1,692,721		
CITL/CTR Inn in Teaching & Learning	-	-	-	-	1	5,711	1	32,745	2	25,544	64,000		
College Eight	1	20,000	-	-	-	-	-	-	-	-	20,000		
Colleges, Housing & Ed Svcs	-	-	-	-	-	-	-	-	-	-	-		
Dean of Students	-	-	-	-	-	-	1	60,000	-	-	60,000		
Ed Partnership Center	9	2,405,711	8	4,992,146	15	4,459,927	20	3,580,341	20	6,374,742	21,812,867		
Grad Div	2	2,068,000	3	2,216,834	2	2,173,532	3	2,677,650	4	2,240,111	11,376,127		
OMIP	-	-	-	-	-	-	-	-	-	-	-		
Oakes College	-	-	1	19,689	1	19,500	-	-	-	-	39,189		
Physical Ed/OPERS	1	39,740	1	30,120	1	21,244	2	46,132	2	15,012	152,248		
Physical Plant	1	27,000	-	-	-	-	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	3	1,779,499	5,886,433		
Student Engagement	-	-	-	-	-	-	-	-	-	-	-		
Student Health Services	-	-	-	-	-	-	-	-	-	-	-		
Student Services	-	-	-	-	-	-	-	-	-	-	-		
Student Success Services	-	-	-	-	1	1,000,000	-	-	-	-	1,000,000		
TAPS	-	-	1	19,500	-	-	1	10,000	-	-	29,500		
UC College Prep	-	-	-	-	-	-	-	-	-	-	-		
Undergraduate Education	-	-	1	230,120	-	-	1	218,164	2	437,452	885,736		
Univ. Extension	-	-	-	-	-	-	13	30,433,012	14	30,053,568	60,486,580		
University Police	-	-	-	-	-	-	-	-	1	208,908	208,908		
University Library	1	100,000	1	25,000	1	17,766	-	-	1	32,867	175,633		
ITS	-	-	1	196,416	1	203,575	-	-	-	-	399,991		
SVI	56	35,244,902	124	21,758,911	2	131,758	-	-	-	-	57,135,571	-100%	
Annual % Change		6%		-38%		-99%		-100%		#DIV/0!			
Silicon Valley Initiatives	1	285,789	-	-	-	-	-	-	-	-	285,789		
UARC	55	34,959,113	124	21,758,911	2	131,758	-	-	-	-	56,849,782		

Table 2, Page 1

UCSC Sponsored Projects Proposals by Campus Area, FY 2014–2015 – FY 2018–2019

Division, Department, ORU	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	Number of Proposals 2018-2019	Proposal Value 2018-2019
Campus-wide Total	1,008	365,026,959	967	372,624,394	1,049	536,016,905	985	545,499,305	1,038	521,856,983
Arts Division	33	575,756	23	1,026,702	23	1,199,240	7	634,559	14	1,544,119
Division	-	-	-	-	-	-	1	55,000	3	540,000
Art	7	61,000	3	360,099	2	30,000	1	100,000	3	525,564
Art History	-	-	-	-	-	-	-	-	-	-
Digital Arts & New Media (DANM)	2	26,500	-	-	1	249,999	-	-	-	-
Film & Digital Media	14	230,405	8	232,881	8	635,304	1	21,551	7	433,264
Music	4	62,589	2	121,600	5	90,173	-	-	-	-
Theater Arts/SSC	2	116,648	-	-	4	102,091	-	-	-	-
History of Art & Visual Culture	4	78,614	6	178,866	3	91,673	2	220,000	1	45,291
Center for Creative Ecologies	-	-	1	35,000	-	-	-	-	-	-
Center for Documentary Arts and Research	-	-	2	39,296	-	-	-	-	-	-
Force Majeure Center	-	-	-	-	-	-	1	150,000	-	-
Games & Playable Media	-	-	-	-	-	-	1	88,008	-	-
OpenLab	-	-	1	58,960	-	-	-	-	-	-
School of Engineering	227	97,187,417	229	122,981,900	241	228,664,769	232	211,401,007	241	222,971,317
Division	-	-	-	-	-	-	-	-	2	365,600
Applied Math & Statistics	29	7,711,798	18	7,257,787	20	5,859,786	24	7,603,679	-	-
Biomolecular Engineering	53	41,392,963	57	57,388,177	79	146,668,310	71	112,504,733	99	131,589,272
Ctr Biomolecular Sci & Eng	3	1,452,993	8	7,907,179	-	-	3	1,489,814	-	-
Ctr for Games & Playable Media	3	3,828,562	-	-	1	496,528	2	976,384	-	-
Computer Engineering	59	12,268,681	46	13,416,367	39	15,551,322	45	42,756,920	-	-
Computer Science	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	18	6,482,933
Electrical Engineering	36	12,582,464	42	16,393,823	44	36,618,867	39	28,536,514	-	-
Technology Management	7	1,877,116	9	2,977,539	7	1,606,999	7	2,492,819	-	-
Applied Mathematics	-	-	-	-	-	-	-	-	23	10,687,816
Computer Science & Engineering	-	-	-	-	-	-	-	-	48	28,326,477
Electrical & Computer Engineering	-	-	-	-	-	-	-	-	41	40,868,763
Statistics	-	-	-	-	-	-	-	-	10	4,650,456
Humanities Division	27	2,447,388	34	2,365,791	51	4,818,265	58	4,142,715	34	2,509,249
Division	-	-	-	-	1	42,000	-	-	4	472,925
American Studies	-	-	-	-	-	-	-	-	-	-
Dickens Project	1	119,417	2	244,332	3	134,343	2	109,986	-	-
Feminist Studies	3	104,134	4	161,693	5	61,717	4	149,000	9	248,759
History of Consciousness	-	-	3	27,772	-	-	3	53,774	1	9,360
History	7	277,991	5	163,419	16	737,580	12	689,151	10	1,091,837
Institute for Humanities Research	3	250,000	12	1,099,790	17	2,984,822	13	1,370,322	4	155,294
Jewish Studies	2	236,500	-	-	1	92,067	-	-	-	-
Languages	1	4,012	-	-	1	1,500	-	-	1	12,015
Linguistics	3	605,317	3	302,209	5	455,858	3	559,763	4	491,599
Literature	7	850,017	4	316,176	2	308,378	21	1,210,719	1	27,460
Philosophy	-	-	1	50,400	-	-	-	-	-	-

Table 2, Page 2

UCSC Sponsored Projects Proposals by Campus Area, FY 2014–2015 — FY 2018–2019

Division, Department, ORU	Number of Proposals		Number of Proposals		Number of Proposals		Number of Proposals		Number of Proposals	
	2014-2015	Proposal Value 2014-2015	2015-2016	Proposal Value 2015-2016	2016-2017	Proposal Value 2016-2017	2017-2018	Proposal Value 2017-2018	2018-2019	Proposal Value 2018-2019
Physical & Biological Sci. Div.	500	214,833,266	485	184,317,943	520	233,124,819	484	231,922,209	517	226,436,556
Division (CA Teach Prog)	-	-	-	-	2	449,999	-	-	2	1,451,841
Astronomy & Astrophysics	47	10,273,021	48	14,734,702	56	23,364,791	41	15,385,541	51	16,653,919
Ecology & Evolutionary Biology	67	23,279,599	66	20,140,318	89	25,770,719	76	27,238,807	57	20,576,696
MCD Biology	44	41,475,321	68	41,332,124	56	50,021,558	55	45,222,914	57	49,050,413
Chemistry & Biochemistry	60	37,276,900	61	33,178,801	70	43,571,815	84	66,872,711	67	52,073,386
Earth & Planetary Sciences	49	21,952,682	85	16,808,493	59	22,329,846	53	11,761,495	58	11,218,491
Microbiology and Environmental Toxicology	25	11,012,366	15	12,781,492	18	7,814,636	16	13,800,975	27	12,481,109
Mathematics	6	1,334,594	12	1,537,768	14	5,347,292	10	1,624,962	12	2,534,368
Natural Reserves	2	19,606	1	2,558,270	2	86,789	3	1,478,282	3	91,364
Ocean Sciences	20	5,905,959	33	11,229,463	58	15,686,900	28	10,909,165	35	10,340,958
Physics	17	19,607,993	15	5,687,136	22	9,514,252	20	4,917,369	13	5,311,419
Science Communcations	-	-	-	-	3	245,346	1	46,790	2	345,500
IGPP	21	3,358,185	-	-	-	-	-	-	-	-
Institute of Marine Sciences	103	30,906,490	55	14,660,384	46	10,281,622	71	28,861,811	102	38,132,680
SCIPP	39	8,430,550	26	9,668,992	25	18,639,254	26	3,801,387	31	6,174,412
UCO Lick	42	6,664,263	26	2,810,999	35	5,383,256	30	5,439,266	32	12,537,514
Social Sciences Division	136	30,619,748	142	41,825,607	133	38,113,406	121	24,897,262	146	39,107,012
Division	2	172,078	-	-	2	360,000	4	721,620	-	-
Anthropology	29	4,040,748	24	2,058,120	21	3,079,257	19	1,396,651	25	3,245,301
Blum Center	-	-	1	731,339	-	-	-	-	-	-
CASFS	9	1,261,495	12	920,290	7	947,733	10	1,088,127	5	201,569
Center for Emerging Worlds	-	-	1	24,340	-	-	-	-	-	-
CERIUS	2	2,181,090	-	-	-	-	-	-	-	-
CFAO	-	-	-	-	-	-	-	-	-	-
CGIRS	3	1,085,565	-	-	-	-	-	-	-	-
Chicano Latino Research Center	-	-	-	-	-	-	-	-	1	3,000
CJTC	-	-	-	-	-	-	-	-	-	-
CLRC	-	-	-	-	-	-	2	79,999	-	-
Community Studies	-	-	-	-	2	998,328	-	-	-	-
Economics	8	1,160,064	10	1,705,869	6	1,403,213	7	2,132,753	10	3,387,708
Education	7	6,890,965	13	4,332,232	12	2,702,333	8	358,724	13	658,457
Environmental Studies	37	8,762,817	46	22,880,721	26	10,980,768	29	10,235,138	29	13,302,316
Inst.for Scientist & Eng. Educ.	5	390,000	8	2,312,846	9	1,981,694	8	1,081,257	8	2,488,312
Latin American & Latino Studies	3	1,776,487	3	2,415,747	2	37,002	7	146,948	5	670,463
Political & Legal Studies	-	-	-	-	-	-	-	-	-	-
Politics	13	1,036,619	7	762,028	8	1,007,586	6	896,233	15	2,389,429
Psychology	12	1,707,508	7	1,674,889	20	11,369,523	9	2,677,992	23	9,226,934
Sociology	4	114,552	5	1,626,681	13	2,179,028	10	3,777,398	11	3,493,523
The Everett Program	2	39,760	5	380,505	5	1,066,941	2	304,422	1	40,000

