

Office of Sponsored Projects  
Office of Research

# **Annual Report FY 2016-2017**

University of California,  
Santa Cruz

**Office of Sponsored Projects**  
**Annual Report: Fiscal year 2016-2017**

**Highlights**

- Grants and contracts awards totaled \$102.9M, a 20% funding decrease from last year. This decrease in funding is largely due to the end of the University Affiliated Research Center (UARC) award with NASA in July 2016.
- Over the last five years, UCSC has received \$642.1M in grants and contracts funding. This is the twelfth consecutive year that UCSC grants and contracts awards exceeded \$100M.
- During FY 2017, the federal government funded 69% (\$71,279,870) of the campus awards while private foundations accounted for 16% (\$16,673,716).
- The single-largest funding source was the National Institutes of Health (NIH) with \$27,398,239 followed by the National Science Foundation (NSF) with \$19,694,208 and NASA with \$5,778,274. The Gordon & Betty Moore Foundation was the campus' single-largest private fund source with awards totaling \$2,600,309.
- Ecology & Evolutionary Biology received the largest award amount, \$4,389,269 from NOAA. Biomolecular Engineering received the campus' next two largest awards, in the amount of \$2,897,217 and \$2,286,867, from the National Institutes of Health (NIH) and the Silicon Valley Community Foundation.
- The top five campus units receiving awards were Biomolecular Engineering (\$13,422,519), Ecology & Evolutionary Biology (\$11,463,407), Molecular, Cell & Developmental Biology (\$9,481,429), Institute of Marine Sciences (\$5,490,501) and Chemistry & Biochemistry (\$5,348,345).
- 1049 Proposals were submitted with a total value of \$536,016,905. Proposal submissions increased nearly 10% from the previous fiscal year.

UCSC Sponsored Projects Awards by Campus Area, FY 2012-2013 – FY 2016-2017											Page 1
Division, Department, ORU	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	Number of Awards 2016-2017	Award Value 2016-2017	5-Year Total	5-Year % Change	
<b>Campus-wide Total</b>	132,535,731	140,014,863	732	137,687,989	774	128,982,942	687	102,885,648	642,107,173	-22%	
<b>Annual % Change</b>	-5.51%	5.64%		-1.66%		-6.32%		-20.23%			
<b>Arts Division</b>	112,200	378,677	20	394,226	10	257,641	9	183,067	1,325,811	63%	
<b>Annual % Change</b>	-71%	238%		4%		-35%		-29%			
Division	-	-	0	-	0	-	0	-	-		
Art	-	7,700	7	86,000		-	0	-	93,700		
History of Art & Visual Culture	60,000	65,610	2	14,978	3	125,866	2	41,000	307,454		
Digital Arts & New Media	-	-	2	67,748	1	25,000	0	-	92,748		
Film & Digital Media	29,700	300,367	7	136,500	3	82,675	3	48,667	597,909		
Music	-	-	1	500	1	21,600	1	43,900	66,000		
CDAR	-	-	0	-	2	2,500	2	2,500	5,000		
Theater Arts/Shakespeare SC	22,500	5,000	1	88,500	0	-	1	47,000	163,000		
<b>School of Engineering</b>	28,960,885	33,049,955	133	32,561,849	141	33,408,779	125	24,062,555	152,044,023	-17%	
<b>Annual % Change</b>	-21%	14%		-1%		3%		-28%			
Division	-	-	0	-	1	450,000	0	-	450,000		
Applied Math & Statistics	1,261,984	1,744,856	15	1,584,389	17	1,538,980	12	1,055,446	7,185,655		
Biomolecular Engineering	17,684,225	18,691,006	35	15,866,274	37	21,669,641	33	13,422,519	87,333,665		
CBSE	-	-	9	4,712,829	4	1,690,087	8	2,005,143	8,408,059		
Ctr for Games & Playable Media	-	-	4	1,683,811	0	-	0	-	1,683,811		
Computational Media	-	-	1	439,930	6	107,000	4	115,604	662,534		
Computer Engineering	3,407,388	2,742,963	16	1,661,947	24	1,958,305	18	2,087,631	11,858,234		
Computer Science	3,042,996	5,620,165	25	2,983,365	31	3,230,063	31	2,224,839	17,101,428		
Electrical Engineering	3,311,040	3,382,454	21	3,033,461	15	2,432,027	15	2,339,456	14,498,438		
Technology Management	253,252	868,511	7	595,843	6	332,676	4	811,917	2,862,199		
<b>Humanities Division</b>	735,677	598,716	18	1,193,348	17	828,167	23	1,898,602	5,254,510	158%	
<b>Annual % Change</b>	103%	-19%		99%		-31%		129%			
Division	-	-	0	-	0	-	0	-	-		
American Studies	-	-	0	-	0	-	0	-	-		
Dickens Project	-	-	0	-	1	119,417	1	5,000	124,417		
Feminist Studies	-	31,751	2	6,752	2	62,000	7	168,066	268,569		
History of Consciousness	5,382	-	0	-	2	24,572	1	3,200	33,154		
History	419,339	117,650	5	159,450	2	80,000	1	2,152	778,591		
Institute for Humanities Research	-	-	1	108,250	5	257,700	10	1,675,313	2,041,263		
Jewish Studies	-	-	1	11,500	1	150,000	0	-	161,500		
Languages	-	-	1	4,012	0	-	1	1,500	5,512		
Linguistics	304,956	1,576	3	651,830	1	32,913	1	1,371	992,646		
Literature	6,000	447,739	5	251,554	2	51,165	1	42,000	798,458		
Philosophy	-	-	0	-	1	50,400	0	-	50,400		

UCSC Sponsored Projects Awards by Campus Area, FY 2012-2013 – FY 2016-2017											Page 2
Division, Department, ORU	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	Number of Awards 2016-2017	Award Value 2016-2017	5-Year Total	5-Year % Change	
<b>P &amp; B Sciences Division</b>	57,131,213	51,488,210	342	52,338,464	344	54,298,801	392	53,817,945	269,074,633	-6%	
<b>Annual % Change</b>	16%	(0)		2%		4%		-1%			
Division (CA Teach Prog)	-	1,450,000	0	-	1	23,632	0	-	1,473,632		
Astronomy & Astrophysics	1,616,372	2,840,490	34	2,204,210	37	3,035,180	50	5,196,638	14,892,890		
Ecology & Evolutionary Biology	7,395,413	2,675,342	33	3,367,399	49	11,931,585	65	11,463,407	36,833,146		
MCD Biology	9,694,039	8,887,022	37	9,744,000	42	9,406,643	37	9,481,429	47,213,133		
Chemistry & Biochemistry	4,696,259	6,426,944	38	8,247,817	43	5,412,186	40	5,348,345	30,131,551		
Earth & Planetary Sciences	2,943,955	1,391,773	20	1,417,719	53	5,513,483	49	4,580,697	15,847,627		
METX	3,680,409	3,348,097	16	3,211,322	19	3,813,812	17	2,968,602	17,022,242		
Math	439,294	427,137	8	518,983	6	211,893	9	482,409	2,079,716		
Natural Reserves	15,949	47,230	1	4,500	1	2,558,270	0	-	2,625,949		
Ocean Sciences	159,720	630,223	5	823,427	11	1,762,189	37	4,702,043	8,077,602		
Physics	1,754,975	2,184,680	8	1,110,180	12	1,807,120	12	2,239,118	9,096,073		
Science Communication	-	-	0	-	0	-	2	194,311	194,311		
IGPP	2,877,959	2,417,754	24	2,686,493	4	324,564	2	91,420	8,398,190		
Institute of Marine Sciences	15,734,357	14,138,966	93	14,153,517	46	4,269,721	35	5,490,501	53,787,062		
SCIPP	6,122,512	4,622,552	25	4,848,897	20	4,228,523	37	1,579,025	21,401,509		
<b>UCO Lick</b>	5,168,944	4,456,908	45	3,024,306	42	2,031,549	38	4,000,129	18,681,836	-23%	
<b>Annual % Change</b>	-20%	-13.78%		-32%		-33%		97%			
<b>Social Sciences Division</b>	7,096,759	9,053,306	94	7,928,477	69	7,643,109	65	8,925,066	40,646,717	26%	
<b>Annual % Change</b>	-26%	28%		-12%		-4%		17%			
Division	-	-	0	-	0	-	1	75,000	75,000		
Anthropology	269,046	226,229	6	131,122	7	582,062	14	465,519	1,673,978		
CASFS	913,233	404,828	11	1,017,402	8	328,500	7	744,382	3,408,345		
CERIUS	-	-	2	526,147	1	399,894	0	-	926,041		
CFAO	-	-	0	-	0	-	0	-	-		
CGIRS	-	291,274	2	37,000	0	-	0	-	328,274		
CJTC	-	-	0	-	0	-	0	-	-		
Community Studies	271,912	-	0	-	0	-	0	-	271,912		
C RTP	-	-	0	-	0	-	0	-	-		
Economics	30,715	442,234	6	203,607	5	294,289	2	170,820	1,141,665		
Education	1,140,707	3,711,816	10	1,284,500	6	1,033,613	7	788,291	7,958,927		
Environmental Studies	1,925,441	2,266,326	24	1,733,866	19	2,636,571	14	3,903,014	12,465,218		
Inst. Scientists & Engineerin Educ.	1,229,127	455,320	7	686,590	7	598,889	6	1,001,568	3,971,494		
Latin American & Latino Studies	869,009	518,594	2	19,935	2	190,750	1	999,999	2,598,287		
Norris Center	-	-	0	-	0	-	1	99,917	99,917		
Politics	29,216	23,716	7	573,174	2	57,828	3	103,200	787,134		
Psychology	347,453	672,024	11	1,138,660	4	364,520	2	9,033	2,531,690		
Sociology	70,900	40,945	5	571,714	5	946,194	4	78,135	1,707,888		
The Everett Program	-	-	1	4,760	3	209,999	3	486,188	700,947		

UCSC Sponsored Projects Awards by Campus Area, FY 2012-2013 -- FY 2016-2017											Page 3
Division, Department, ORU	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	Number of Awards 2016-2017	Award Value 2016-2017	5-Year Total	5-Year % Change	
<b>Other</b>	6,512,626	7,873,922	24	5,002,417	27	8,755,985	33	9,866,526	38,011,476	51%	
<b>Annual % Change</b>	-5%	21%		-36%		75%		13%			
Arboretum	14,500	200,000	0	-	0	-	1	2,791	217,291		
Arts & Lectures	-	-	0	-	0	-	0	-	-		
BAS	-	-	0	-	0	-	0	-	-		
Campus Life	-	-	1	14,000	0	-	0	-	14,000		
Child Care Services	-	-	7	316,011	8	417,257	6	245,268	978,536		
CITL/CTR Inn in Teaching & Learning	-	-	0	-	0	-	1	5,711	5,711		
College Eight	-	-	1	20,000	0	-	0	-	20,000		
Colleges, Housing & Ed Svcs	310,607	282,556	0	-	0	-	0	-	593,163		
Ed Partnership Center	3,370,369	4,582,566	9	2,405,711	8	4,992,146	15	4,459,927	19,810,719		
Grad Div	1,954,500	2,308,800	2	2,068,000	3	2,216,834	2	2,173,532	10,721,666		
OMIP	-	-	0	-	0	-	0	-	-		
Oakes College	-	-	0	-	1	19,689	1	19,500	39,189		
Physical Ed/OPERS	6,400	-	1	39,740	1	30,120	1	21,244	97,504		
Physical Plant	-	-	1	27,000	0	-	0	-	27,000		
Retention Services	-	-	1	11,955	2	608,903	3	1,717,212	2,338,070		
Student Engagement	-	-	0	-	0	-	0	-	-		
Student Health Services	70,000	-	0	-	0	-	0	-	70,000		
Student Services	-	-	0	-	0	-	0	-	-		
Student Success Services	-	-	0	-	0	-	1	1,000,000	1,000,000		
TAPS	266,700	-	0	-	1	19,500	0	-	286,200		
UC College Prep	14,100	-	0	-	0	-	0	-	14,100		
Undergraduate Education	-	-	0	-	1	230,120	0	-	230,120		
Univ. Extension	-	-	0	-	0	-	0	-	-		
University Library	505,450	-	1	100,000	1	25,000	1	17,766	648,216		
ITS	-	500,000		-	1	196,416	1	203,575	899,991		
<b>SVI</b>	26,817,427	33,115,169	56	35,244,902	124	21,758,911	2	131,758	117,068,167	-100%	
<b>Annual % Change</b>	-13%	23%		6%		-38%		-99%			
Silicon Valley Initiatives	-	-	1	285,789	0	-	0	-	285,789		
UARC	26,817,427	33,115,169	55	34,959,113	124	21,758,911	2	131,758	116,782,378		

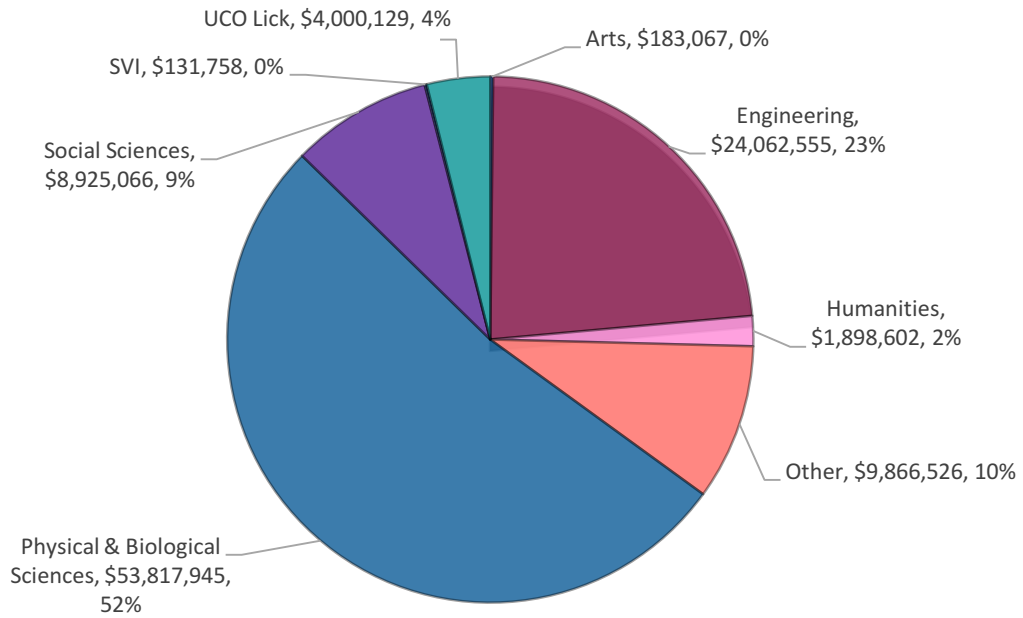
**Table 2**

**UCSC Sponsored Projects Proposals by Campus Area, FY 2012–2013 – FY 2016–2017**

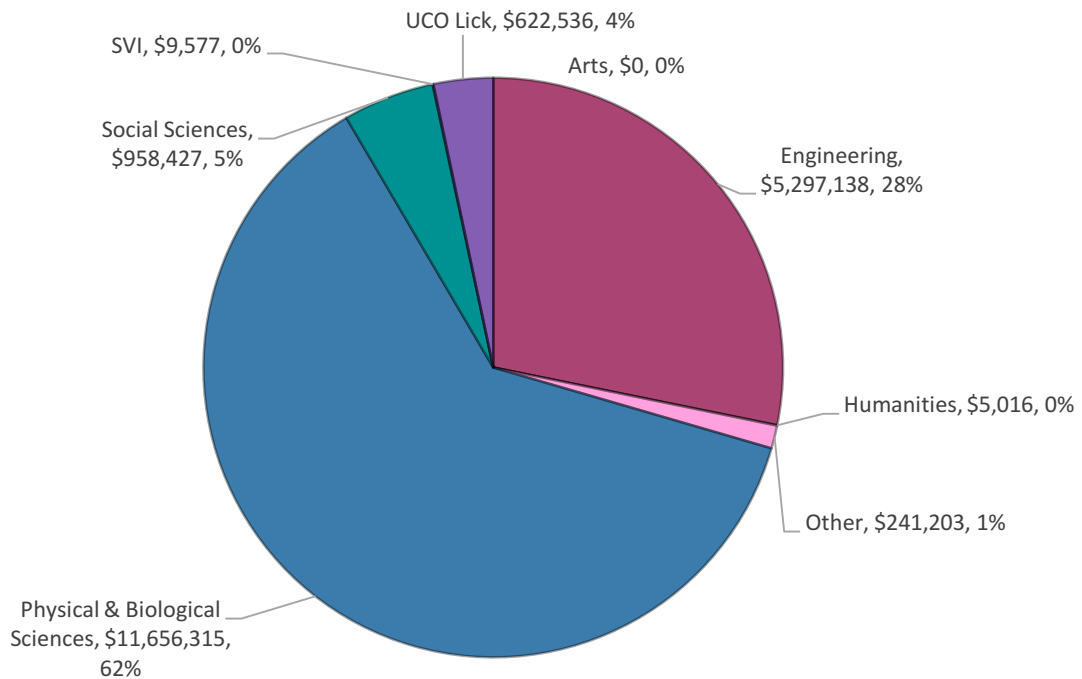
Division, Department, ORU	Number of Proposals 2012-2013	Proposal Value 2012-2013	Number of Proposals 2013-2014	Proposal Value 2013-2014	Number of Proposals 2014-2015	Proposal Value 2014-2015	Number of Proposals 2015-2016	Proposal Value 2015-2016	Number of Proposals 2016-2017	Proposal Value 2016-2017
<b>Campus-wide Total</b>	<b>933</b>	<b>387,422,905</b>	<b>914</b>	<b>534,789,293</b>	<b>1,008</b>	<b>365,026,959</b>	<b>967</b>	<b>372,624,394</b>	<b>1,049</b>	<b>536,016,905</b>
<b>Arts Division</b>	<b>7</b>	<b>109,414</b>	<b>16</b>	<b>409,069</b>	<b>33</b>	<b>575,756</b>	<b>23</b>	<b>1,026,702</b>	<b>23</b>	<b>1,199,240</b>
Division	-	-	-	-	-	-	-	-	-	-
Art	2	9,350	4	46,700	7	61,000	3	360,099	2	30,000
Art History	-	-	-	-	-	-	-	-	-	-
Digital Arts & New Media (DANM)	-	-	-	-	2	26,500	-	-	1	249,999
Film & Digital Media	3	90,584	9	291,759	14	230,405	8	232,881	8	635,304
Music	1	4,480	1	5,000	4	62,589	2	121,600	5	90,173
Theater Arts/SSC	1	5,000	2	65,610	2	116,648	-	-	4	102,091
History of Art & Visual Culture	-	-	-	-	4	78,614	6	178,866	3	91,673
Center for Creative Ecologies	-	-	-	-	-	-	1	35,000	-	0
Center for Documentary Arts and Research	-	-	-	-	-	-	2	39,296	-	0
OpenLab	-	-	-	-	-	-	1	58,960	-	0
<b>School of Engineering</b>	<b>175</b>	<b>147,021,780</b>	<b>200</b>	<b>235,348,815</b>	<b>227</b>	<b>97,187,417</b>	<b>229</b>	<b>122,981,900</b>	<b>241</b>	<b>228,664,769</b>
Division	-	-	-	-	-	-	-	-	-	-
Applied Math & Statistics	16	3,832,358	32	8,000,448	29	7,711,798	18	7,257,787	20	5,859,786
Biomolecular Engineering	50	60,918,917	52	161,728,757	53	41,392,963	57	57,388,177	79	146,668,310
Ctr Biomolecular Sci & Eng	-	-	-	-	3	1,452,993	8	7,907,179	-	0
Ctr for Games & Playable Media	-	-	-	-	3	3,828,562	-	-	1	496,528
Computer Engineering	39	18,396,404	39	10,382,480	59	12,268,681	46	13,416,367	39	15,551,322
Computer Science	31	13,928,308	42	19,343,288	36	15,074,417	38	13,226,287	40	20,074,248
Computational Media	-	-	-	-	1	998,423	11	4,414,741	11	1,788,709
Electrical Engineering	35	46,046,018	30	34,576,230	36	12,582,464	42	16,393,823	44	36,618,867
Technology Management	4	3,899,775	5	1,317,612	7	1,877,116	9	2,977,539	7	1,606,999
<b>Humanities Division</b>	<b>16</b>	<b>1,430,860</b>	<b>27</b>	<b>3,082,441</b>	<b>27</b>	<b>2,447,388</b>	<b>34</b>	<b>2,365,791</b>	<b>51</b>	<b>4,818,265</b>
Division	-	-	-	-	-	-	-	0	1	42,000
American Studies	-	-	-	-	-	-	-	0	-	-
Dickens Project	-	-	-	-	1	119,417	2	244,332	3	134,343
Feminist Studies	1	34,430	2	32,021	3	104,134	4	161,693	5	61,717
History of Consciousness	1	3,382	-	-	-	-	3	27,772	-	0
History	3	96,900	15	1,664,305	7	277,991	5	163,419	16	737,580
Institute for Humanities Research	-	-	1	196,500	3	250,000	12	1,099,790	17	2,984,822
Jewish Studies	-	-	-	-	2	236,500	-	0	1	92,067
Languages	-	-	-	-	1	4,012	-	0	1	1,500
Linguistics	4	583,846	1	261,255	3	605,317	3	302,209	5	455,858
Literature	7	712,302	7	828,360	7	850,017	4	316,176	2	308,378
Philosophy	-	-	1	100,000	-	-	1	50,400	-	0
<b>Physical &amp; Biological Sci. Div.</b>	<b>468</b>	<b>184,659,328</b>	<b>442</b>	<b>237,304,049</b>	<b>500</b>	<b>214,833,266</b>	<b>485</b>	<b>184,317,943</b>	<b>520</b>	<b>233,124,819</b>
Division (CA Teach Prog)	1	13,000	-	-	-	-	-	-	2	449,999
Astronomy & Astrophysics	36	9,679,338	39	12,136,250	47	10,273,021	48	14,734,702	56	23,364,791
Ecology & Evolutionary Biology	31	9,895,918	34	15,132,940	67	23,279,599	66	20,140,318	89	25,770,719
MCD Biology	38	42,491,463	22	35,273,494	44	41,475,321	68	41,332,124	56	50,021,558
Chemistry & Biochemistry	60	37,332,532	74	67,371,581	60	37,276,900	61	33,178,801	70	43,571,815
Earth & Planetary Sciences	26	4,631,150	35	7,813,941	49	21,952,682	85	16,808,493	59	22,329,846
Microbiology and Environmental Toxicology	25	13,634,766	25	15,790,642	25	11,012,366	15	12,781,492	18	7,814,636
Mathematics	9	1,967,592	9	1,121,403	6	1,334,594	12	1,537,768	14	5,347,292
Natural Reserves	4	78,261	-	-	2	19,606	1	2,558,270	2	86,789
Ocean Sciences	4	830,672	7	2,967,539	20	5,905,959	33	11,229,463	58	15,686,900
Physics	12	7,986,961	16	10,912,818	17	19,607,993	15	5,687,136	22	9,514,252
Science Communications	-	-	-	-	-	-	-	-	3	245,346
IGPP	41	7,273,450	25	5,203,439	21	3,358,185	-	-	-	-
Institute of Marine Sciences	131	30,696,809	121	53,946,215	103	30,906,490	55	14,660,384	46	10,281,622
SCIPP	50	18,147,416	35	9,633,787	39	8,430,550	26	9,668,992	25	18,639,254



## UCSC AWARDS BY DIVISION FY 2017



## UCSC AWARD INDIRECTS BY DIVISION FY 2017





## UCSC Contracts and Grants by Source FY 2017

