

Office of Sponsored Projects
Office of Research

Annual Report FY 2011-2012

University of California,
Santa Cruz

**Office of Sponsored Projects
Annual Report: Fiscal year 2011-2012**

Highlights

- Grants and contracts awards totaled \$140.3M, a 12% funding increase from last year. This is the seventh consecutive year that UCSC grants and contracts awards exceeded \$100M.
- Over the last five years, UCSC has received nearly \$666M in grants and contracts funding.
- During FY 2012, the federal government funded 87.1% (\$122,140,754) of the campus awards while private foundations accounted for 6.2% (\$8,739,571).
- The single-largest funding source was the National Institutes of Health (NIH) with \$38,820,672, followed by NASA at \$36,266,944 and the National Science Foundation (NSF) with \$21,649,122. The Gordon and Betty Moore Foundation was the campus' single-largest private fund source with awards totaling \$2,273,321.
- The University Affiliated Research Center (UARC), located at the NASA Ames Research Center, received the single-largest award amount, \$28,952,947, from its continuing contract with the National Aeronautics and Space Administration (NASA). Biomolecular Engineering received the campus' second-largest award, in the amount of \$10,360,581, from Science Applications International Corporation (SAIC), with funding from the National Cancer Institute (NCI).
- The top five campus units receiving awards were Silicon Valley Initiatives (SVI)/UARC (\$30,843,290), Biomolecular Engineering (\$24,780,793), Molecular, Cell & Development Biology (\$12,063,224), Institute of Marine Sciences (\$9,078,995), and UCO Lick (\$6,456,340).
- 1,093 Proposals were submitted with a total value of \$451,494,063.

UCSC Sponsored Projects Awards by Campus Area, FY 2007–2008 — FY 2011–2012

Division, Department, ORU	Award Value 2007-2008	Award Value 2008-2009	Award Value 2009-2010	Award Value 2010-2011	Award Value 2011-2012	5-Year Total	5-Year % Change
Campus-wide Total	131,141,368	120,898,303	147,874,793.00	125,717,042	140,260,894	665,892,400	7%
Annual % Change		-7.81%	22.31%	-14.98%	12%		
Arts Division	132,000	358,000	508,400	124,000	389,660	1,512,060	195%
Annual % Change		171%	42%	-75.61%	214%		
Division	-	-	-	-	-	-	-
Art	10,000	-	-	-	-	10,000	
Art History	-	59,000	-	-	2,888	61,888	
Digital Arts & New Media (DANM)	-	-	-	-	162,752	162,752	
Film & Digital Media	-	164,000	387,400	-	134,020	685,420	
Music	-	4,000	20,000	8,000	-	32,000	
Theater Arts/SSC	122,000	131,000	101,000	116,000	90,000	560,000	
School of Engineering	22,236,088	27,105,216	30,525,736	27,525,647	36,656,446	144,049,133	65%
Annual % Change		22%	13%	-9.83%	33%		
Division	-	-	-	-	-	-	-
Applied Math & Statistics	965,918	1,275,615	2,786,129	1,898,811	1,895,809	8,822,282	
BME	8,973,113	7,030,056	15,244,780	14,384,093	24,780,793	70,412,835	
Computer Engineering	3,613,819	4,202,926	2,084,177	1,497,715	1,660,601	13,059,238	
Computer Science	3,513,664	3,519,713	3,862,226	5,616,268	4,723,783	21,235,654	
Electrical Engineering	4,652,277	10,670,751	5,676,812	3,839,121	3,122,185	27,961,146	
TIM	517,297	406,155	871,612	289,639	473,275	2,557,978	
Humanities Division	778,037	575,505	641,850	775,442	362,838	3,133,672	-53%
Annual % Change		-26%	12%	20.81%	-53%		
Division	-	-	-	-	-	-	-
American Studies	119,898	-	-	1,500	-	121,398	
Dickens Project	-	-	-	85,637	-	85,637	
Hist. Con.	102,333	138,124	-	17,109	-	257,566	
History	262,367	410,386	556,805	262,921	12,900	1,505,379	
Languages	-	-	-	-	-	-	-
Linguistics	-	26,995	85,045	298,375	149,938	560,353	
Literature	253,439	-	-	109,900	200,000	563,339	
Philosophy	-	-	-	-	-	-	-
Women's Studies	40,000	-	-	-	-	40,000	

UCSC Sponsored Projects Awards by Campus Area, FY 2007–2008 – FY 2011–2012

Division, Department, ORU	Award Value 2007-2008	Award Value 2008-2009	Award Value 2009-2010	Award Value 2010-2011	Award Value 2011-2012	5-Year Total	5-Year % Change
P & B Sciences Division	48,145,056	46,422,039	57,743,656	51,343,282	49,141,932	252,795,965	2%
Annual % Change		-4%	24%	-11%	-4%		
Division (CA Teach Prog)	-	900,000	4,143,359	-	21,600	5,064,959	
Astronomy & Astrophysics	-	-	-	-	21,175	21,175	
Biology, EEB	856,441	3,300,885	3,810,950	5,013,266	6,371,618	19,353,160	
Biology, MCDB	11,613,320	10,121,104	11,511,215	8,693,060	12,063,224	54,001,923	
Chemistry	5,998,025	5,890,991	6,985,274	6,014,356	5,480,681	30,369,327	
Earth & Planetary Sci	3,839,911	3,881,043	4,830,340	1,738,632	3,402,273	17,692,199	
ETOX/METX	1,260,336	1,322,039	1,924,477	2,653,625	3,068,446	10,228,923	
Math	115,921	386,183	1,192,673	722,061	453,249	2,870,087	
Natural Reserves	6,500	2,237	6,713	467,993	4,475	487,918	
Ocean Science	64,126	29,181	-	40,000	349,999	483,306	
Physics	1,075,636	1,014,161	2,100,466	3,285,802	1,482,539	8,958,604	
Sci. Comm. Prg.	67,772	63,867	64,741	-	-	196,380	
IGPP	1,475,003	1,515,277	1,427,606	2,053,121	2,735,653	9,206,660	
IMS	17,479,973	12,749,534	13,990,670	11,909,720	9,078,995	65,208,892	
SCIPP	4,292,092	5,245,537	5,755,172	8,751,646	4,608,005	28,652,452	
UCO Lick	9,364,961	9,383,629	11,035,012	6,397,777	6,456,340	42,637,719	-31%
Annual % Change		0.2%	17.6%	-42.0%	1%		

UCSC Sponsored Projects Awards by Campus Area, FY 2007-2008 – FY 2011-2012

Division, Department, ORU	Award Value 2007-2008	Award Value 2008-2009	Award Value 2009-2010	Award Value 2010-2011	Award Value 2011-2012	5-Year Total	5-Year % Change
Social Sciences Division	13,321,589	11,544,187	10,616,625	6,345,211	9,546,352	51,373,964	-28%
Annual Percentage Change		-13%	-8%	-40%	50%		
Anthropology	295,074	429,571	369,596	223,171	98,481	1,415,893	
CASFS	1,606,266	644,406	811,505	812,784	271,600	4,146,561	
CFAO	-	-	135,967	13,515	-	149,482	
CGIRS	57,100	183,374	23,100	278,038	157,322	698,934	
CJTC	27,461	8,659	206,500	-	-	242,620	
Community Studies	15,000	8,000	-	19,000	-	42,000	
CRTP	-	-	-	120,900	-	120,900	
Economics	45,034	190,641	628,297	230,982	488,436	1,583,390	
Education (CERIUS)	9,156,272	7,799,237	3,875,536	804,081	3,023,631	24,658,757	
Environmental Studies	1,388,302	1,235,056	2,743,994	2,419,951	4,388,333	12,175,636	
Inst. Scientists & Engineerin Educ.				355,966	38,729	394,695	
Latin American & Latino Studies	89,000	266,000	309,285	474,315	438,293	1,576,893	
Politics	65,459	-	-	2,500	229,219	297,178	
Psychology	550,995	767,308	1,212,845	565,509	405,976	3,502,633	
Sociology	25,626	11,935	300,000	24,499	6,332	368,392	
Other	5,854,323	6,751,228	7,325,811	5,877,021	6,868,825	32,677,208	17%
Annual Percentage Change		15%	9%	-20%	17%		
Arboretum	190,000	199,649	59,000	-	-	448,649	
Arts & Lectures	-	2,400	-	-	-	2,400	
BAS	2,000	-	-	3,000	-	5,000	
Colleges, Housing & Ed Srvs	495,565	477,031	466,804	62,300	389,151	1,890,851	
Ed Partnership Center	4,040,987	4,195,436	4,555,332	4,309,543	3,571,701	20,672,999	
Grad Div	811,000	972,500	1,332,500	1,228,000	1,703,500	6,047,500	
OMIP	15,000	-	-	-	-	15,000	
Physical Ed/OPERS	1,115	4,184	3,000	1,000	4,655		
Physical Plant	-	-	-	4,000	10,000	14,000	
Retention Services	-	-	65,000	50,000	50,000	165,000	
Student Engagement	-	-	-	-	25,100		
Student Health Services	-	-	-	-	537,580	537,580	
Student Services	-	100,000	8,000	19,178	-	127,178	
TAPS	96,800	-	221,000	-	-	317,800	
UC College Prep	0%	0%	0%	0%	477,138	477,138	
Univ. Extension	197,856	100,028	-	-	-	297,884	
University Library	4,000	700,000	615,175	200,000	100,000	1,619,175	
SVI	31,309,314	18,758,499	29,477,703	27,328,662	30,838,502	137,712,680	-2%
Annual Percentage Change		-40%	57%	-7%	13%		
Silicon Valley Initiatives	1,695,877	1,977,619	1,800,000	-	(4,789)	5,468,708	
UARC	29,613,437	16,780,880	27,677,703	27,328,662	30,843,290	132,243,972	

Table 2								Page 1				
UCSC Sponsored Projects Proposals by Campus Area, FY 2007-2008 – FY 2011-2012												
Division, Department, ORU	Number of Proposals	Proposal Value	Number of Proposals	Proposal Value	Number of Proposals	Proposal Value	Number of Proposals	Proposal Value	Number of Proposals	Proposal Value	Number of Proposals	Proposal Value
	2007-2008	2007-2008	2008-2009	2008-2009	2009-2010	2009-2010	2010-2011	2010-2011	2010-2011	2011-2012	2011-2012	2011-2012
Campus-wide Total	1,114	313,247,189	1,171	511,727,710	1,103	389,248,797	978	366,727,103	1,093	451,494,063		
Arts Division	13	1,305,884	11	739,446	7	388,786	8	890,472	14	975,127		
Division	-	-	-	-	-	-	-	-	-	-		
Art	4	297,568	1	49,968	1	316,648	-	-	-	-		
Art History	-	-	1	59,000	-	-	1	4,472	1	60,000		
Digital Arts & New Media (DANM)	-	-	-	-	-	-	-	-	1	229,000		
Film & Digital Media	2	375,168	3	414,038	1	16,638	3	510,432	7	225,467		
Music	1	12,000	2	35,440	3	29,500	-	-	1	14,120		
Theater Arts/SSC	6	621,148	4	181,000	2	26,000	4	375,568	4	446,540		
School of Engineering	187	97,552,904	242	129,040,598	233	126,897,908	214	110,978,331	273	164,230,175		
Division	-	-	-	-	-	-	-	-	-	-		
Applied Math & Statistics	16	3,982,365	35	10,559,542	41	10,231,904	38	10,157,103	41	10,474,095		
BME	37	32,159,261	52	44,932,933	43	31,717,987	40	45,507,582	55	73,788,857		
CBSE	-	-	3	3,682,716	-	-	-	-	-	-		
Computer Engineering	40	15,688,647	49	15,459,337	45	23,536,894	46	1,896,854	66	30,615,303		
Computer Science	20	6,895,087	43	19,805,157	49	22,461,743	30	19,351,346	47	23,417,910		
Electrical Engineering	64	35,350,205	50	25,110,097	46	34,952,112	52	31,815,336	57	24,370,746		
TIM	10	3,477,339	10	9,490,816	9	3,997,268	8	2,250,110	7	1,563,264		
Humanities Division	35	2,271,131	31	8,849,899	21	2,062,592	29	2,581,933	16	1,553,297		
Division	-	-	-	-	-	-	-	-	-	-		
American Studies	3	164,856	-	-	1	9,500	1	1,500	-	-		
Dickens Project	-	-	1	536,785	1	85,637	1	43,419	1	126,425		
Hist. Con.	3	99,804	5	121,466	2	57,331	-	-	-	-		
History	20	1,304,146	11	6,438,776	10	512,731	15	952,688	9	510,237		
Languages	1	20,000	1	21,151	-	-	-	-	-	-		
Linguistics	3	425,594	5	435,399	4	936,707	7	1,464,426	4	890,910		
Literature	4	216,731	6	639,098	2	100,000	2	109,900	1	6,000		
Philosophy	-	-	1	25,000	-	-	1	-	1	19,725		
Women's Studies	1	40,000	1	632,224	1	10,000	2	10,000	-	-		
Physical & Biological Sci. Div	508	140,297,374	554	262,800,000	556	206,269,136	428	179,318,746	478	193,985,636		
Division (CA Teach Prog)	-	-	3	20,082,500	-	-	-	-	1	21,600		
Astronomy & Astrophysics	5	1,146,370	4	6,831,330	3	12,502,269	-	-	1	21,175		
Biology, EEB	34	6,626,755	48	22,343,269	65	19,369,300	44	8,842,309	39	10,580,702		
Biology, MCDB	28	22,340,609	41	33,037,110	30	19,011,564	36	40,718,114	51	52,699,454		
Chemistry	54	33,656,608	54	36,588,231	53	45,542,090	64	45,853,512	72	45,895,409		
Earth Sciences	50	9,178,804	73	20,865,272	51	14,804,855	39	7,717,251	52	12,017,469		
ETOX/METX	29	7,729,865	30	9,254,767	31	11,581,657	19	6,982,572	26	10,351,810		
Math	8	279,363	18	4,653,331	12	1,926,540	7	570,478	11	1,925,759		
Natural Reserves	2	6,500	3	1,128,138	4	102,887	2	454,475	3	26,993		
Ocean Science	6	324,402	4	184,998	11	1,971,216	8	2,975,829	1	303,907		
Physics	14	4,648,611	30	35,975,066	33	10,028,581	11	4,574,074	16	10,362,345		
Sci. Comm. Prg.	1	4,001	1	63,867	1	64,741	-	-	-	-		
IGPP	30	3,425,594	41	8,154,324	44	7,181,857	46	8,594,526	37	8,596,420		
IMS	186	38,473,213	130	31,340,619	143	36,678,728	111	30,634,256	129	35,997,275		
SCIPP	61	12,456,679	74	32,297,178	75	25,502,851	41	21,401,350	39	5,185,318		

Table 2, continued

UCSC Sponsored Projects Proposals by Campus Area, FY 2007-2008 – FY 2011-2012											
Division, Department, ORU	Number of Proposals 2007-2008	Proposal Value 2007-2008	Number of Proposals 2008-2009	Proposal Value 2008-2009	Number of Proposals 2009-2010	Proposal Value 2009-2010	Number of Proposals 2010-2011	Proposal Value 2010-2011	Number of Proposals 2011-2012	Proposal Value 2011-2012	
UCO Lick	56	10,805,240	90	39,210,498	58	14,559,594	71	14,113,493	75	20,977,517	
Social Sciences Division	220	35,374,704	191	43,567,368	184	26,393,498	159	45,412,196	156	28,934,929	
Anthropology	37	1,736,098	22	2,796,668	35	2,763,426	22	1,020,903	24	2,149,194	
CASFS	10	1,502,196	22	3,540,471	18	1,735,642	16	2,407,739	13	511,624	
CGIRS	5	806,216	6	69,767	2	135,000	1	5,000	-	-	
CJTC	5	1,045,437	3	673,770	2	16,500	-	-	-	-	
CERIUS	-	-	-	-	-	-	1	1,970,218	-	-	
CfAO	-	-	-	-	-	-	1	13,515	-	-	
CLRC	1	15,000	-	-	-	-	-	-	-	-	
Community Studies	5	333,043	3	29,000	7	430,645	3	33,000	3	222,322	
Economics	16	1,663,519	11	1,748,485	8	1,076,910	8	1,203,831	5	607,302	
Education (CERIUS)	52	14,170,363	43	17,265,787	27	5,474,116	28	20,429,339	27	12,762,135	
Environmental Studies	54	8,160,058	44	7,556,320	49	9,206,538	47	12,226,978	39	6,291,266	
Inst.for Scientist & Eng. Educ.	-	-	-	-	-	-	1	199,176	5	896,900	
Latin American & Latino Studies	3	1,311,849	10	1,421,785	8	1,782,167	4	1,671,603	13	971,302	
Political & Legal Studies							1	208,405	-	-	
Politics	3	179,303	6	270,723	9	1,681,614	1	58,335	5	713,271	
Psychology	24	4,296,646	17	5,762,214	15	1,845,949	17	1,939,169	18	3,765,698	
Sociology	5	154,976	4	2,432,378	4	244,991	8	2,024,985	4	43,915	
Other	95	25,639,952	52	27,519,901	55	18,225,812	109	21,955,952	32	22,155,744	
Arboretum	2	129,545	2	70,000	2	79,000	1	20,000	2	170,000	
Arts & Lectures	-	-	1	2,400	-	-	-	-	-	-	
BAS	-	-	-	-	1	3,700	-	-	1	89,265	
Colleges, Housing & Ed Svcs	8	482,836	7	462,564	9	984,277	5	474,470	5	351,954	
Educational Partner Ctr.	12	1,323,040	11	1,377,640	10	5,834,913	9	2,662,104	11	15,828,830	
Grad Div.	2	5,200,000	-	-	-	-	1	16,000	3	13,730	
Inst on SciGlobalPolicy	2	1,000,000	-	-	-	-	-	-	-	-	
MISC (ITS, Phys Planning)							3	61,969	-	-	
Phys Ed/OPERS	2	36,115	1	7,448	1	4,000	2	5,655	1	25,100	
OR/Chancellor's Ofc	1	15,000	1	14,997,528	-	-	-	-	-	-	
Physical Plant											
Retention Services	-	-	-	-	3	173,000	2	100,000	-	-	
Student Engagement									1	25,100	
Student Health Services									-	-	
Student Services	2	275,000	3	167,524	3	66,200	3	734,014	1	1,000	
TAPS	3	451,000	3	355,000	3	437,500	2	373,700	2	262,220	
UC College Prep	-	-	1	1,442,000	-	-	-	-	3	4,816,621	
Univ. Extension	2	598,508	-	-	-	-	-	-	-	-	
University Library	1	700,000	3	665,175	-	-	1	500,000	2	571,924	
Univ. Police	-	-	1	500,996	1	247,536	-	-	-	-	
SVI	29	7,714,454	9	3,735,813	11	5,197,843	40	8,504,020	49	18,681,638	
UARC	29	7,714,454	6	2,669,569	9	3,205,874	-	-	49	18,681,638	
Silicon Valley Initiates	-	-	3	1,066,244	2	1,991,969	40	8,504,020	-	-	