

Office of Sponsored Projects
Office of Research

Annual Report FY 2009-2010

University of California,
Santa Cruz

Office of Sponsored Projects
Annual Report: Fiscal year 2009-2010

Highlights

- Grants and contracts awards totaled \$147.8M, the fifth consecutive year exceeding \$100M, and a 22.3% increase over the previous year.
- Recovered federal indirect costs were \$16.9, a 1.1% increase from last year.
- Over the last ten years, UCSC has received almost one-billion dollars in grants and contracts funding (\$996,717,277).
- Over 71% of awards were from the federal government; second largest funding source was the Gordon & Betty Moore Foundation, followed by the David & Lucile Packard Foundation.
- The single-largest award, a NASA contract for \$27.7M, went to the University Affiliated Research Center (UARC), located at the NASA Ames Research Center.
- The single-largest funding source was NASA (\$35.7M), followed by NSF (\$35.1M) and the National Institutes of Health (\$33.6M). The single-largest private fund source was the Gordon and Betty Moore Foundation (\$1.8M).
- The top five campus units receiving awards were the UARC (\$27.7M), Biomolecular Engineering (\$15.2M), Institute of Marine Sciences (\$13.9M), Molecular, Cell & Development Biology (\$11.5M), and UCO Lick (\$11.0M).
- Proposals submitted, 1,103, had a total value of \$389,248,797.

Table 1
UCSC Sponsored Projects Awards by Campus Area, FY 2005-2006 – FY 2009-2010

Division, Department, ORU	Award Value 2005-2006	Award Value 2006-2007	Award Value 2007-2008	Award Value 2008-2009	Award Value 2009-2010	5-Year Total	5-Year % Change (For those units with 5 years of data)
Campus-wide Total	128,457,509	111,215,641	131,141,368	120,898,303	147,854,793.00	639,567,614	15%
Annual % Change		-13%	18%	-7.81%	22.30%		
Arts Division	399,288	277,000	132,000	358,000	508,400	1,674,688	27%
Annual % Change		-31%	-52%	171%	42%		
Division	-	-	-	-	-	-	-
Art	-	-	10,000	-	-	10,000	-
Art History	-	-	-	59,000	-	59,000	-
Film & Digital Media	96,788	157,000	-	164,000	387,400	805,188	-
Music	-	-	-	4,000	20,000	24,000	-
Theater Arts/SSC	302,500	120,000	122,000	131,000	101,000	776,500	-67%
School of Engineering	19,559,568	16,426,378	22,236,088	27,105,216	30,505,736	115,832,986	56%
Annual % Change		-16%	35%	22%	13%		
Division	-	-	-	-	-	-	-
Applied Math & Statistics	2,238,130	765,769	965,918	1,275,615	2,786,129	8,031,561	24%
BME	6,583,130	6,156,911	8,973,113	7,030,056	15,244,780	43,987,990	132%
Computer Engineering	3,349,710	2,643,104	3,613,819	4,202,926	2,084,177	15,893,736	-38%
Computer Science	2,579,603	1,597,370	3,513,664	3,519,713	3,862,226	15,072,576	50%
Electrical Engineering	4,735,512	5,083,959	4,652,277	10,670,751	5,676,812	30,819,311	20%
TIM	73,483	179,265	517,297	406,155	871,612	2,047,812	1086%
Humanities Division	680,789	940,316	778,037	575,505	641,850	3,616,497	-6%
Annual % Change		38%	-17%	-26%	12%		
Division	-	-	-	-	-	-	-
American Studies	-	105,000	119,898	-	-	224,898	-
Hist. Con.	118,622	133,299	102,333	138,124	-	492,378	-100%
History	202,024	261,800	262,367	410,386	556,805	1,693,382	176%
Languages	-	5,250	-	-	-	5,250	-
Linguistics	41,424	30,000	-	26,995	85,045	183,464	-
Literature	318,719	330,467	253,439	-	-	902,625	-
Philosophy	-	-	-	-	-	-	-
Women's Studies	-	-	40,000	-	-	40,000	-

Table 1, continued
UCSC Sponsored Projects Awards by Campus Area, FY 2004-2005 – FY 2008-2009

Division, Department, ORU	Award Value 2005-2006	Award Value 2006-2007	Award Value 2007-2008	Award Value 2008-2009	Award Value 2009-2010	5-Year Total	5-Year % Change <small>(For those units with 5 years of data)</small>
P & B Sciences Division	44,645,919	39,522,909	48,145,056	46,422,039	57,743,656	236,479,579	29%
Annual % Change		-11%	22%	-4%	24%		
					[PBS total - UCOLick]		
Division	-	-	-	900,000	4,143,359	5,043,359	-
Biology, EEB	1,760,369	887,787	856,441	3,300,885	3,810,950	10,616,432	116%
Biology, MCDB	6,053,474	6,711,292	11,613,320	10,121,104	11,511,215	46,010,405	90%
Chemistry	8,899,103	5,426,241	5,998,025	5,890,991	6,985,274	33,199,634	-22%
Earth Science	2,368,394	4,151,473	3,839,911	3,881,043	4,830,340	19,071,161	104%
ETOX/METX	3,022,541	1,008,220	1,260,336	1,322,039	1,924,477	8,537,613	-36%
Math	620,392	1,136,083	115,921	386,183	1,192,673	3,451,252	92%
Natural Reserves	-	-	6,500	2,237	6,713	15,450	-
Ocean Science	-	429,099	64,126	29,181	-	522,406	-
Physics	857,073	1,336,844	1,075,636	1,014,161	2,100,466	6,384,180	145%
Sci. Comm. Prg.	-	59,000	67,772	63,867	64,741	255,380	-
IGPP	1,784,864	1,264,650	1,475,003	1,515,277	1,427,606	7,467,400	-20%
IMS	14,982,555	12,577,580	17,479,973	12,749,534	13,990,670	71,780,312	-7%
SCIPP	4,297,154	4,534,640	4,292,092	5,245,537	5,755,172	24,124,595	34%
UCO Lick	13,381,424	10,779,677	9,364,961	9,383,629	11,035,012	53,944,703	-18%
Annual % Change		-19%	-13%	0.2%	17.6%		
					TOTAL PBS + UCO LICK	68,778,668	

Table 1, continued
UCSC Sponsored Projects Awards by Campus Area, FY 2004-2005 – FY 2008-2009

Division, Department, ORU	Award Value 2005-2006	Award Value 2006-2007	Award Value 2007-2008	Award Value 2008-2009	Award Value 2009-2010	5-Year Total	5-Year % Change (For those units with 5 years of data)
Social Sciences Division	17,508,655	16,684,756	13,321,589	11,544,187	10,616,625	69,675,812	-39%
Annual Percentage Change	-5%	-20%	-13%	-8%			
Anthro	105,837	280,115	295,074	429,571	369,596	1,480,193	249%
CASFS	1,418,983	1,056,909	1,606,266	644,406	811,505	5,538,069	-43%
CFAO	-	-	-	-	135,967	337,653	-
CGIRS	-	74,079	57,100	183,374	23,100	270,465	-
CJTC	-	27,845	27,461	8,659	206,500	89,864	-100%
Community Studies	63,864	3,000	15,000	8,000	-	1,996,987	-30%
Economics	903,644	229,371	45,034	190,641	628,297	40,425,279	-61%
Education	9,560,248	10,140,486	9,156,272	7,799,237	3,769,036	9,520,345	41%
Environmental Studies	1,948,259	2,204,734	1,388,302	1,235,056	2,743,994	2,740,948	-77%
Latin American & Latino Studies	1,346,795	729,868	89,000	266,000	309,285	184,377	-
Politics	90,502	28,416	65,459	-	-	6,239,552	-34%
Psychology	1,830,971	1,877,433	550,995	767,308	1,212,845	609,613	25%
Sociology	239,552	32,500	25,626	11,935	300,000	315,000	-
Writing Project	134,000	74,500	low in Ed Dept	low in Ed Dept	106,500	-	-
Other	32,147,866	8,233,646	7,550,200	8,728,847	9,125,811	65,786,370	-72%
Annual Percentage Change	-74%	-8%	16%	5%			
Arboretum	59,987	-	190,000	199,649	59,000	508,636	-
Arts & Lectures	14,500	2,000	-	2,400	-	18,900	-
Career Center	-	-	-	-	-	-	-
Chancellor's Office	-	-	-	-	-	-	-
Colleges & CUHS	-	232,848	495,565	477,031	452,104	1,657,548	-
Educational Partnership Center	4,710,872	4,335,350	4,040,987	4,195,436	4,555,332	21,837,977	-3%
EEO/AA	-	-	2,000	-	-	2,000	-
Family & Child Care Services	-	412,792	-	-	-	412,792	-
Grad Div	972,000	1,011,000	811,000	972,500	1,332,500	5,099,000	37%
Health Center	-	-	-	-	-	-	-
Library	-	4,000	4,000	700,000	615,175	1,323,175	-
MBEST	7,813	-	-	-	-	7,813	-
Merrill College	-	-	-	-	14,700	14,700	-
OPERS	-	32,310	1,115	4,184	3,000	40,609	-
Office of Research	25,489,446	34,625	-	-	-	25,524,071	-
Office for Mgt. of IP	50,479	-	15,000	-	-	65,479	-
Silicon Valley Initiatives	139,220	2,088,221	1,695,877	1,977,619	1,800,000	7,700,937	1193%
STARS	-	-	-	-	-	65,000	-
Student Services	577,047	-	-	100,000	8,000	685,047	-99%
TAPS	1,502	60,500	96,800	-	221,000	379,802	14614%
Univ. Extension	100,000	-	197,856	100,028	-	397,884	-
Univ. Police	25,000	20,000	-	-	-	45,000	-
UARC	-	18,350,959	29,613,437	16,780,880	27,677,703	92,422,979	-
Annual Percentage Change	61%	-43%	65%				

Table 2

UCSC Sponsored Projects Proposals by Campus Area, FY 2005-2006 — FY 2009-2010

Division, Department, ORU	Number of Proposals 2005-2006	Proposal Value 2005-2006	Number of Proposals 2006-2007	Proposal Value 2006-2007	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
Campus-wide Total	992	296,174,780	950	261,867,879	1,085	305,532,735	1,162	507,991,897	1103	389,248,797.00
Arts Division	11	1,379,076	7	851,549	13	1,305,884	11	739,446	7	388,786.00
Division	-	-	-	-	-	-	-	-	-	-
Art	3	77,000	1	90,651	4	297,568	1	49,968	1	316,648.00
Art History	-	-	-	-	-	-	-	-	-	-
Film & Digital Media	1	579,713	1	157,000	2	375,168	1	414,038	1	16,638.00
Music	2	25,000	-	-	1	12,000	3	35,440	3	29,500.00
Theater Arts/SSC	5	697,363	5	603,898	6	621,148	4	181,000	2	26,000.00
School of Engineering	163	79,658,314	164	80,098,218	187	97,552,904	242	129,040,598	233	126,897,908.00
Division	-	-	-	-	-	-	-	-	-	-
Applied Math & Statistics	23	5,909,490	21	2,434,027	16	3,982,365	35	10,559,542	41	10,231,904
BME	15	31,742,149	26	39,395,002	37	32,159,261	52	44,932,933	43	31,717,987
CBSE	-	-	-	-	-	-	3	3,682,716	-	-
Computer Engineering	45	12,773,804	25	5,512,595	40	15,688,647	49	15,459,337	45	23,536,894
Computer Science	20	7,383,709	26	8,349,688	20	6,895,087	43	19,805,157	49	22,461,743
Electrical Engineering	41	17,974,819	54	20,461,162	64	35,350,205	50	25,110,097	46	34,952,112
ISMT	19	3,874,343	12	3,945,744	10	3,477,339	10	9,490,816	9	3,997,268
Humanities Division	30	3,295,935	40	3,495,489	35	2,271,131	31	8,849,899	23	2,062,592.00
Division	-	-	-	-	-	-	-	-	-	-
American Studies	-	-	2	119,971	3	164,856	-	-	1	9,500
Cowell College	-	-	-	-	-	-	-	-	2	350,686
Dickens Project	1	112,300	-	-	-	99,804	1	536,785	1	85,637
Hist. Con.	10	183,822	3	76,889	3	99,804	5	121,466	2	57,331
History	8	202,689	17	1,338,479	20	1,304,146	11	6,438,776	10	512,731
Languages	-	-	1	7,500	1	20,000	1	21,151	-	-
Linguistics	2	2,186,505	7	1,483,065	3	425,594	5	435,399	4	936,707
Literature	4	292,923	8	408,085	4	216,731	6	639,098	2	100,000
Philosophy	1	183,196	-	-	-	-	1	25,000	-	-
Women's Studies	-	-	-	-	1	40,000	1	632,224	1	10,000
Writing Project	4	134,500	2	61,500	Now in Education	-	-	-	-	-
Physical & Biological Sci. Div	436	147,511,760	414	118,995,430	508	140,297,374	554	262,800,000	556	206,269,136
Division	-	-	-	-	-	-	-	-	-	-
Astronomy & Astrophysics	24	5,651,804	6	1,158,975	5	1,146,370	3	20,082,500	-	-
Biology, EEB	43	35,739,104	27	8,688,404	34	6,626,755	4	6,831,330	3	12,502,269
Biology, MCDB	49	26,933,051	49	25,887,369	28	22,340,609	48	22,343,269	65	19,369,300
Chemistry	55	11,967,401	44	6,043,458	54	33,656,608	41	33,037,110	30	19,011,564
Earth Sciences	30	9,411,766	32	12,097,785	50	9,178,804	54	36,588,231	53	45,542,090
ETOX/METX	18	3,507,095	14	1,498,522	29	7,729,865	73	20,865,272	51	14,804,855
Math	-	-	-	-	8	279,363	30	9,254,767	31	11,581,657
Natural Reserves	-	-	-	-	2	6,500	18	4,653,331	12	1,926,540
Ocean Science	3	1,473,834	1	200,725	6	324,402	3	1,128,138	4	102,887
Physics	14	4,626,881	27	8,258,415	14	4,648,611	4	184,998	11	1,971,216
Sci. Comm. Prg.	-	-	2	63,001	1	4,001	30	35,975,066	33	10,028,581
IGPP	2	5,245,244	14	3,182,108	30	3,425,594	1	63,867	1	64,741
IMS	156	28,272,843	130	26,939,376	186	38,473,213	41	8,154,324	44	7,181,857
SCIPP	42	14,682,737	23	2,130,867	61	12,456,679	130	31,340,619	143	36,678,728
							74	32,297,178	75	25,502,851

UCSC Sponsored Projects Proposals by Campus Area, FY 2004-2005 — FY 2008-2009										
Division, Department, ORU	Number of Proposals 2005-2006	Proposal Value 2005-2006	Number of Proposals 2006-2007	Proposal Value 2006-2007	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
	42	10,750,980	50	7,803,233	56	10,805,240	90	39,210,498	58	14,559,594
UCO Lick										
	215	32,027,486	221	39,729,194	220	35,374,704	191	43,567,368	184	26,393,498.00
Social Sciences Division										
Anthro	25	1,092,520	26	2,288,803	37	1,736,098	22	2,796,668	35	2,763,426.00
CASFS	21	3,030,703	19	1,788,204	10	1,502,196	22	3,540,471	18	1,735,642.00
CGIRS	1	398,917	5	6,705,051	5	806,216	6	69,767	2	135,000.00
CJTC	-	-	2	27845	5	1,045,437	3	673,770	2	16,500.00
CLRC	-	-	-	-	1	15,000	-	-	-	-
Community Studies	4	841,443	4	448,912	5	333,043	3	29,000	7	430,645.00
Economics	22	894,978	13	1,236,486	16	1,663,519	11	1,748,485	8	1,076,910.00
Education	41	14,326,555	55	20,238,139	52	14,170,363	43	17,265,787	27	5,474,116.00
Env Studies	50	7,965,627	58	7,418,785	54	8,160,058	44	7,556,320	49	9,206,538.00
Latin American & Latino Studies	14	1,005,112	7	1,790,943	3	1,311,849	10	1,421,785	8	1,782,167.00
Politics	12	294,648	8	219,687	3	179,303	6	270,723	9	1,681,614.00
Psychology	11	1,937,796	16	3,111,189	24	4,296,646	17	5,762,214	15	1,845,949.00
Sociology	14	239,187	8	489,696	5	154,976	4	2,432,378	4	244,991.00
Other	64	21,540,131	54	10,894,766	66	17,925,498	43	23,784,088	42	12,677,283.00
Arboretum	2	70,000	2	190,000	2	129,545	2	70,000	2	79,000
Arts & Lectures	6	14,500	1	2,000	-	-	1	2,400	-	-
BAS-Fire Dept.	-	-	-	-	-	-	-	-	1	3,700
BIN-RIDI	-	-	-	-	-	-	-	-	1	1,799,999
Career Center	-	-	-	-	-	-	-	-	-	-
Chancellor's Office	-	-	-	-	-	-	-	-	-	-
CUHS	1	14,700	7	385,107	8	482,836	7	462,564	5	557,216
Educational Partner Ctr.	10	8,810,777	8	1,205,567	12	1,323,040	11	1,377,640	10	5,834,913
EEO/AA	1	2,000	-	-	-	-	-	-	-	-
Grad Div.	1	1,603,350	-	-	2	5,200,000	-	-	-	-
Health Center	-	-	-	-	-	-	-	-	-	-
ISGP	-	-	-	-	2	1,000,000	-	-	-	-
Learning Support Services	-	-	-	-	-	-	-	-	-	-
Library	-	-	4	119,000	1	700,000	3	665,175	1	61575
MBEST	-	-	-	-	-	-	-	-	-	-
Merrill College	-	-	-	-	-	-	-	-	-	-
OPERS	1	14,700	1	11,905	2	36,115	1	7,448	1	14800
Office of Research	23	6,365,516	-	-	1	15,000	-	-	1	4,000
Physical Plant	-	-	-	-	-	-	-	-	-	-
Silicon Valley Initiates	2	2,379,967	2	614,804	-	-	3	1,066,244	1	191,970
STARS	-	-	-	-	-	-	-	-	3	173,000
Student Services	14	1,958,988	5	320,788	2	275,000	3	167,524	3	66,200
TAPS	2	138,000	3	592,700	3	451,000	3	355,000	3	437,500
UARC	-	-	20	7,432,895	29	7,714,454	6	2,669,569	9	3,205,874
UC College Prep	-	-	-	-	-	-	1	1,442,000	-	-
Univ. Ext.	1	167,633	-	20,000	2	598,508	-	500,996	1	247,536
Univ. Police	-	-	1	-	-	-	1	-	-	-