

Office of Sponsored Projects
Office of Research

Annual Report FY 2010-2011

University of California,
Santa Cruz

**Office of Sponsored Projects
Annual Report: Fiscal year 2010-2011**

Highlights

- Grants and contracts awards totaled \$126M, the sixth consecutive year exceeding \$100M. [14.7% decrease from last year.]
- Recovered federal indirect costs were \$21.6M, a 1.3% increase from last year.
- Over the last ten years, UCSC has received over one-billion dollars in grants and contracts funding (\$1,025,603,812).
- Over 76% 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 \$27.3M, went to the University Affiliated Research Center (UARC), located at the NASA Ames Research Center.
- The single-largest funding source was NASA (\$30M), followed by NSF (\$28M) and the National Institutes of Health (\$25.8M). The single-largest private fund source was the Gordon and Betty Moore Foundation (\$1.3M).
- The top five campus units receiving awards were the UARC (\$27.3M), Biomolecular Engineering (\$14.3M), Institute of Marine Sciences (\$11.9M), SCIPP (\$8.7M), and Molecular, Cell & Development Biology (\$8.6M).
- Proposals submitted, 978, had a total value of \$366,727,103.

UCSC Sponsored Projects Awards by Campus Area, FY 2006-2007 — FY 2010-2011							Page 1
Division, Department, ORU	Award Value 2006-2007	Award Value 2007-2008	Award Value 2008-2009	Award Value 2009-2010	Award Value 2010-2011	5-Year Total	5-Year % Change (For those units with 5 years of data)
Campus-wide Total	111,215,641	131,141,368	120,898,303	147,854,793.00	126,091,663	637,201,768	13%
Annual % Change		18%	-7.81%	22.30%	-14.72%		
Arts Division	277,000	132,000	358,000	508,400	124,000	1,399,400	-55%
Annual % Change		-52%	171%	42%	-75.61%		
Division	-	-	-	-	-	-	-
Art	-	10,000	-	-	-	10,000	-
Art History	-	-	59,000	-	-	59,000	-
Film & Digital Media	157,000	-	164,000	387,400	-	708,400	-
Music	-	-	4,000	20,000	8,000	32,000	-
Theater Arts/SSC	120,000	122,000	131,000	101,000	116,000	590,000	-3%
School of Engineering	16,426,378	22,236,088	27,105,216	30,505,736	27,525,647	123,799,065	68%
Annual % Change		35%	22%	13%	-9.77%		
Division	-	-	-	-	-	-	-
Applied Math & Statistics	765,769	965,918	1,275,615	2,786,129	1,898,811	7,692,242	148%
BME	6,156,911	8,973,113	7,030,056	15,244,780	14,384,093	51,788,953	134%
Computer Engineering	2,643,104	3,613,819	4,202,926	2,084,177	1,497,715	14,041,741	-43%
Computer Science	1,597,370	3,513,664	3,519,713	3,862,226	5,616,268	18,109,241	252%
Electrical Engineering	5,083,959	4,652,277	10,670,751	5,676,812	3,839,121	29,922,920	-24%
TIM	179,265	517,297	406,155	871,612	289,639	2,263,968	62%
Humanities Division	940,316	778,037	575,505	641,850	803,442	3,739,150	-15%
Annual % Change		-17%	-26%	12%	25.18%		
Division	-	-	-	-	-	-	-
American Studies	105,000	119,898	-	-	1,500	226,398	-99%
Cowell College	-	-	-	-	28,000	-	-
Dickens Project	-	-	-	-	85,637	-	-
Hist. Con.	133,299	102,333	138,124	-	17,109	390,865	-87%
History	261,800	262,367	410,386	556,805	262,921	1,754,279	-
Languages	5,250	-	-	-	-	5,250	-
Linguistics	30,000	-	26,995	85,045	298,375	440,415	-
Literature	330,467	253,439	-	-	109,900	693,806	-
Philosophy	-	-	-	-	-	-	-
Women's Studies	-	40,000	-	-	-	40,000	-

UCSC Sponsored Projects Awards by Campus Area, FY 2006-2007 — FY 2010-2011							Page 2
Division, Department, ORU	Award Value 2006-2007	Award Value 2007-2008	Award Value 2008-2009	Award Value 2009-2010	Award Value 2010-2011	5-Year Total	5-Year % Change (For those units with 5 years of data)
P & B Sciences Division	39,522,909	48,145,056	46,422,039	57,743,656	51,343,282	243,176,942	30%
Annual % Change		22%	-4%	24%	-11%		-
				[PBS total - UCOLick]			
Division	-	-	900,000	4,143,359	-	5,043,359	-
Biology, EEB	887,787	856,441	3,300,885	3,810,950	5,013,266	13,869,329	465%
Biology, MCDB	6,711,292	11,613,320	10,121,104	11,511,215	8,693,060	48,649,991	30%
Chemistry	5,426,241	5,998,025	5,890,991	6,985,274	6,014,356	30,314,887	11%
Earth Science	4,151,473	3,839,911	3,881,043	4,830,340	1,738,632	18,441,399	-58%
ETOX/METX	1,008,220	1,260,336	1,322,039	1,924,477	2,653,625	8,168,697	163%
Math	1,136,083	115,921	386,183	1,192,673	722,061	3,552,921	-36%
Natural Reserves	-	6,500	2,237	6,713	467,993	483,443	-
Ocean Science	429,099	64,126	29,181	-	40,000	562,406	-91%
Physics	1,336,844	1,075,636	1,014,161	2,100,466	3,285,802	8,812,909	146%
Sci. Comm. Prg.	59,000	67,772	63,867	64,741	-	255,380	-
IGPP	1,264,650	1,475,003	1,515,277	1,427,606	2,053,121	7,735,657	62%
IMS	12,577,580	17,479,973	12,749,534	13,990,670	11,909,720	68,707,477	-5%
SCIPP	4,534,640	4,292,092	5,245,537	5,755,172	8,751,646	28,579,087	93%
UCO Lick	10,779,677	9,364,961	9,383,629	11,035,012	6,397,777	46,961,056	-41%
Annual % Change		-13%	0.2%	17.6%	-42.0%		

UCSC Sponsored Projects Awards by Campus Area, FY 2006-2007 – FY 2010-2011							Page 3
Division, Department, ORU	Award Value 2006-2007	Award Value 2007-2008	Award Value 2008-2009	Award Value 2009-2010	Award Value 2010-2011	5-Year Total	5-Year % Change (For those units with 5 years of data)
Social Sciences Division	16,684,756	13,321,589	11,544,187	10,616,625	6,345,211	58,512,368	-62%
Annual Percentage Change		-20%	-13%	-8%	-40%		
Anthro	280,115	295,074	429,571	369,596	223,171	1,597,527	-20%
CASFS	1,056,909	1,606,266	644,406	811,505	812,784	4,931,870	-23%
CFAO	-	-	-	135,967	13,515	149,482	-
CGIRS	74,079	57,100	183,374	23,100	278,038	615,691	-
CJTC	27,845	27,461	8,659	206,500	-	270,465	-
Community Studies	3,000	15,000	8,000	-	19,000	45,000	533%
CRTP	-	-	-	-	120,900	-	-
Economics	229,371	45,034	190,641	628,297	230,982	1,324,325	1%
Education	10,140,486	9,156,272	7,799,237	3,769,036	804,081	31,669,112	-92%
Environmental Studies	2,204,734	1,388,302	1,235,056	2,743,994	2,419,951	9,992,037	10%
Inst. Scientists & Engineerin Educ.					355,966	-	-
Latin American & Latino Studies	729,868	89,000	266,000	309,285	474,315	1,868,468	-35%
Politics	28,416	65,459	-	-	2,500	96,375	-
Psychology	1,877,433	550,995	767,308	1,212,845	565,509	4,974,090	-70%
Sociology	32,500	25,626	11,935	300,000	24,499	394,560	-25%
Writing Project	74,500	low in Ed Dept	low in Ed Dept	106,500	-	181,000	-
Other	8,233,646	7,550,200	8,728,847	9,125,811	6,223,642	39,862,146	-24%
Annual Percentage Change		-8%	16%	5%	-32%		
Arboretum	-	190,000	199,649	59,000	-	448,649	-
Arts & Lectures	2,000	-	2,400	-	-	4,400	-
BAS	-	-	-	-	3,000	3,000	-
College 8	-	-	-	-	20,000	20,000	-
Colleges & CUHS	232,848	495,565	477,031	452,104	-	1,657,548	-
Educational Partnership Center	4,335,350	4,040,987	4,195,436	4,555,332	4,309,543	21,436,648	-1%
EEO/AA	-	2,000	-	-	-	2,000	-
Family & Child Care Services	412,792	-	-	-	-	412,792	-
Grad Div	1,011,000	811,000	972,500	1,332,500	1,228,000	5,355,000	21%
Library	4,000	4,000	700,000	615,175	200,000	1,523,175	-
Merrill College	-	-	-	14,700	14,300	29,000	-
OPERS	32,310	1,115	4,184	3,000	-	40,609	-
Office of Research	34,625	-	-	-	-	34,625	-
Office for Mgte. of IP	-	15,000	-	-	-	15,000	-
Phys Ed	-	-	-	-	1,000	1,000	-
Physical Plant	-	-	-	-	4,000	4,000	-
Silicon Valley Initiatives	2,088,221	1,695,877	1,977,619	1,800,000	-	7,561,717	-
STARS	-	-	-	65,000	50,000	115,000	-
Student Services	-	-	100,000	8,000	19,178	127,178	-
TAPS	60,500	96,800	-	221,000	-	378,300	-
Univ. Extension	-	197,856	100,028	-	-	297,884	-
Univ. Police	20,000	-	-	-	-	20,000	-
UARC	18,350,959	29,613,437	16,780,880	27,677,703	27,328,662	119,751,641	49%
Annual Percentage Change		61%	-43%	65%	-1%		

Table 2

UCSC Sponsored Projects Proposals by Campus Area, FY 2005-2006 – FY 2009-2010										
Division, Department, ORU	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	Number of Proposals 2010-2011	Proposal Value 2010-2011
Campus-wide Total	950	261,867,879	1,085	305,532,735	1,162	507,991,897	1,103	389,248,797.00	978	366,727,103.00
Arts Division	7	851,549	13	1,305,884	11	739,446	7	388,786.00	8	890,472
Division	-	-	-	-	-	-	-	-	-	-
Art	1	90,651	4	297,568	1	49,968	1	316,648.00	-	-
Art History	-	-	-	-	1	59,000	-	-	1	4,472
Film & Digital Media	1	157,000	2	375,168	3	414,038	1	16,638.00	3	510,432
Music	-	-	1	12,000	2	35,440	3	29,500.00	-	-
Theater Arts/SSC	5	603,898	6	621,148	4	181,000	2	26,000.00	4	375,568
School of Engineering	164	80,098,218	187	97,552,904	242	129,040,598	233	126,897,908.00	214	110,978,331
Division	-	-	-	-	-	-	-	-	-	-
Applied Math & Statistics	21	2,434,027	16	3,982,365	35	10,559,542	41	10,231,904	38	10,157,103
BME	26	39,395,002	37	32,159,261	52	44,932,933	43	31,717,987	40	45,507,582
CBSE	-	-	-	-	3	3,682,716	-	-	-	-
Computer Engineering	25	5,512,595	40	15,688,647	49	15,459,337	45	23,536,894	46	1,896,854
Computer Science	26	8,349,688	20	6,895,087	43	19,805,157	49	22,461,743	30	19,351,346
Electrical Engineering	54	20,461,162	64	35,350,205	50	25,110,097	46	34,952,112	52	31,815,336
ISMT	12	3,945,744	10	3,477,339	10	9,490,816	9	3,997,268	8	2,250,110
Humanities Division	40	3,495,489	35	2,271,131	31	8,849,899	23	2,062,592.00	29	2,581,933
Division	-	-	-	-	-	-	-	-	-	-
American Studies	2	119,971	3	164,856	-	-	1	9,500	1	1,500
Cowell College	-	-	-	-	-	-	2	350,686	-	-
Dickens Project	-	-	-	-	1	536,785	1	85,637	1	43,419
Hist. Con.	3	76,889	3	99,804	5	121,466	2	57,331	-	-
History	17	1,338,479	20	1,304,146	11	6,438,776	10	512,731	15	952,688
Languages	1	7,500	1	20,000	1	21,151	-	-	-	-
Linguistics	7	1,483,065	3	425,594	5	435,399	4	936,707	7	1,464,426
Literature	8	408,085	4	216,731	6	639,098	2	100,000	2	109,900
Philosophy	-	-	-	-	1	25,000	-	-	1	-
Women's Studies	-	-	1	40,000	1	632,224	1	10,000	2	10,000
Writing Project	2	61,500	Now in Education	-	-	-	-	-	-	-
Physical & Biological Sci. Div	414	118,995,430	508	140,297,374	554	262,800,000	556	206,269,136	428	179,318,746
Division	-	-	-	-	-	-	-	-	-	-
Astronomy & Astrophysics	6	1,158,975	5	1,146,370	3	20,082,500	-	-	-	-
Biology, EEB	27	8,688,404	34	6,626,755	48	22,343,269	65	19,369,300	44	8,842,309
Biology, MCDB	49	25,887,369	28	22,340,609	41	33,037,110	30	19,011,564	36	40,718,114
Chemistry	45	22,846,425	54	33,656,608	54	36,588,231	53	45,542,090	64	45,853,512
Earth Sciences	44	6,043,458	50	9,178,804	73	20,865,272	51	14,804,855	39	7,717,251
ETOX/METX	32	12,097,785	29	7,729,865	30	9,254,767	31	11,581,657	19	6,982,572
Math	14	1,498,522	8	279,363	18	4,653,331	12	1,926,540	7	570,478
Natural Reserves	-	-	2	6,500	3	1,128,138	4	102,887	2	454,475
Ocean Science	1	200,725	6	324,402	4	184,998	11	1,971,216	8	2,975,829
Physics	27	8,258,415	14	4,648,611	30	35,975,066	33	10,028,581	11	4,574,074
Sci. Comm. Prg.	2	63,001	1	4,001	1	63,867	1	64,741	-	-
IGPP	14	3,182,108	30	3,425,594	41	8,154,324	44	7,181,857	46	8,594,526
IMS	130	26,939,376	186	38,473,213	130	31,340,619	143	36,678,728	111	30,634,256
SCIPP	23	2,130,867	61	12,456,679	74	32,297,178	75	25,502,851	41	21,401,350

Table 2, continued
UCSC Sponsored Projects Proposals by Campus Area, FY 2004-2005 — FY 2008-2009

Division, Department, ORU	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	Number of Proposals 2010-2011	Proposal Value 2010-2011
UCO Lick	50	7,803,233	56	10,805,240	90	39,210,498	58	14,559,594	71	14,113,493
Social Sciences Division	221	39,729,194	220	35,374,704	191	43,567,368	184	26,393,498.00	159	45,412,196.00
Anthro	26	2,288,803	37	1,736,098	22	2,796,668	35	2,763,426.00	22	1,020,903.00
CASFS	19	1,788,204	10	1,502,196	22	3,540,471	18	1,735,642.00	16	2,407,739.00
CGRS	5	670,505	5	806,216	6	69,767	2	135,000.00	1	5,000
CJTC	2	27845	5	1,045,437	3	673,770	2	16,500.00	-	-
CERJUS	-	-	-	-	-	-	-	-	1	1,970,218.00
CFAO	-	-	-	-	-	-	-	-	1	13,515.00
CLRC	-	-	1	15,000	-	-	-	-	-	-
Community Studies	4	448,912	5	333,043	3	29,000	7	430,645.00	3	33,000.00
Economics	13	1,236,486	16	1,663,519	11	1,748,485	8	1,076,910.00	8	1,203,831.00
Education	55	20,238,139	52	14,170,363	43	17,265,787	27	5,474,116.00	28	20,429,339.00
Env Studies	58	7,418,785	54	8,160,058	44	7,556,320	49	9,206,538.00	47	12,226,978.00
Inst. for Scientist & Eng. Educ.	-	-	-	-	-	-	-	-	1	199,176.00
Int. American & Latino Studies	7	1,790,943	3	1,311,849	10	1,421,785	8	1,782,167.00	4	1,671,603.00
Political & Legal Studies	-	-	-	-	-	-	-	-	1	208,405.00
Politics	8	219,687	3	179,303	6	270,723	9	1,681,614.00	1	58,335.00
Psychology	16	3,111,189	24	4,296,646	17	5,762,214	15	1,845,949.00	17	1,939,169.00
Sociology	8	489,696	5	154,976	4	2,432,378	4	244,991.00	8	2,024,985.00
Other	54	10,894,766	66	17,925,498	43	23,784,088	42	12,677,283.00	69	13,431,932.00
Arboretum	2	190,000	2	129,545	2	70,000	2	79,000	1	20,000
Arts & Lectures	1	2,000	-	-	1	2,400	-	-	-	-
BAS-Fire Dept.	-	-	-	-	-	-	1	3,700	-	-
BIN-RIDI	-	-	-	-	-	-	1	1,799,999	-	-
Career Center	-	-	-	-	-	-	-	-	-	-
Chancellor's Office	-	-	-	-	-	-	-	-	-	-
College 8	-	-	-	-	1	14,997,528	-	-	-	20,000
CUHS	7	385,107	8	482,836	7	462,564	5	557,216	3	440,170
Educational Partner Ctr.	8	1,205,567	12	1,323,040	11	1,377,640	10	5,834,913	9	2,662,104
EEO/AA	-	-	-	-	-	-	-	-	-	-
Grad Div.	-	-	2	5,200,000	-	-	-	-	1	16,000
Health Center	-	-	-	-	-	-	-	-	-	-
ISGP	-	-	2	1,000,000	-	-	-	-	-	-
ITS	-	-	-	-	-	-	-	-	1	47,923
Learning Support Services	-	-	-	-	-	-	-	-	-	-
Library	4	119,000	1	700,000	3	665,175	-	61575	-	500,000
MBEST	-	-	-	-	-	-	-	-	-	-
Merrill College	-	-	-	-	-	-	-	14800	-	14,300
OPERS	1	11,905	2	36,115	1	7,448	1	4,000	-	-
Office of Research	-	-	1	15,000	-	-	-	-	-	-
Phys Ed	-	-	-	-	-	-	-	-	-	-
Physical Planning	-	-	-	-	-	-	-	-	2	5,655
Silicon Valley Initiates	2	614,804	-	-	3	1,066,244	1	191,970	2	14,046
STARS	-	-	-	-	-	-	3	173,000	40	8,504,020
Student Services	5	320,788	2	275,000	3	167,524	3	66,200	2	100,000
TAPS	3	592,700	3	451,000	3	355,000	3	437,500	3	734,014
UARC	20	7,432,895	29	7,714,454	6	2,669,569	9	3,205,874	2	373,700
UC College Prep	-	-	-	-	1	1,442,000	-	-	-	-
Univ. Ext.	-	-	2	598,508	-	-	-	-	-	-
Univ. Police	1	20,000	-	-	1	500,996	1	247,536	-	-