

GRANTS DEVELOPMENT OFFICE  
Research and Graduate Programs



ANNUAL REPORT OF EXTRAMURAL FUNDING  
2006-2007

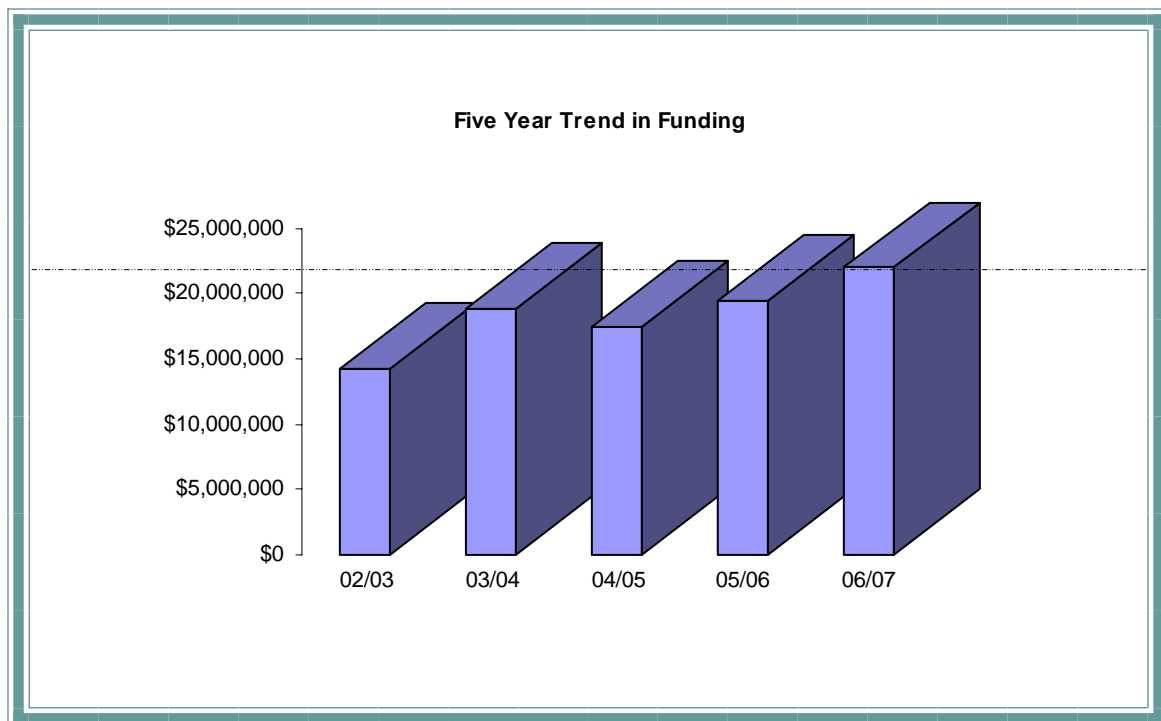


**This Page is Intentionally Blank**

# INTRODUCTION TO THE 06/07 ANNUAL REPORT

This annual report covers the period from July 1, 2006 to June 30, 2007.

During the fiscal year 2006-2007 the Cal Poly Grants Development Office assisted 231 Cal Poly faculty and staff in the submission of 301 proposals. This submission rate represents a 17% increase in number of proposals and a 51% increase in funding requested. The amount of external funds awarded to the University during this period experienced a similar positive trend, increasing to \$22,026,202. This represents a 12% increase from the previous fiscal year. The figure below shows the trend in funding received by Cal Poly over the past five years.



The intent of this report is to provide you with a useful overview of Cal Poly's performance in securing external funding for sponsored projects, which include research, curriculum development, equipment acquisition, professional development, education, and training. Detailed reports for the past several years can also be found at:

<http://www.grants.calpoly.edu/>

# TABLE OF CONTENTS

## EXTERNAL FUNDING FOR SPONSORED PROJECTS

<i>Summary of Awards by Sponsor Type</i>	5
<i>Comparison of Awards by Selected Sponsors FY 04/05 - FY 06/07</i>	6
<i>Summary of Awards in FY 06/07 by College/Unit</i>	7
<i>Comparison of Awards by College/Unit FY 05/06 - 06/07</i>	8
<i>Dollar Value of Awards in FY 06/07 by College/Unit and Department</i>	9
<i>Summary of Proposals Submitted in FY 06/07 by College/Unit</i>	10
<i>Comparison of Proposals by College/Unit FY 05/06 - 06/07</i>	11
<i>Proposals Submitted in FY 06/07 by College/Unit and Department</i>	12
<i>List of Sponsored Projects Funded in FY 06/07</i>	13
<i>Faculty/Staff Participating in Proposal Submission in FY 06/07</i>	28

## OTHER SPONSORED PROJECT DATA

<i>Awards and Proposals by Centers/Institutes in FY 06/07</i>	30
<i>Student Participation in Sponsored Projects FY 06/07</i>	30

## SUPPORT SERVICES

<i>Grants Development Office Support Services and Website Information</i>	31
---	----

### GRANTS DEVELOPMENT OFFICE STAFF

XENIA BIXLER, Director  
(805) 756-2485

**ELAINE RAMOS DOYLE, Sr. Grants Analyst**  
College of Agriculture, College of Education, Student Affairs  
eramosdo@calpoly.edu  
(805) 756-1740

**JOE OSTRYE, Information Systems Specialist**  
**SPIN Training**  
jostrye@calpoly.edu  
(805) 756-5967

**PATTI WILHELM, Grants Analyst**  
College of Science and Mathematics, College of Business,  
College of Liberal Arts  
pwilhelm@calpoly.edu  
(805) 756-1450

**PATRICIA BROCK, Grants Assistant**  
**Office Administrator**  
pbrock@calpoly.edu  
(805) 756-2982

**MELISSA MULLEN, Grants Analyst**  
College of Engineering, College of Architecture and Environmental Design, ITRC  
mmullen@calpoly.edu  
(805) 756-5963

**KELLY NAHMAN, Student Assistant**  
knahman@calpoly.edu

**NICHOLAS LOUNSBURY, Student Assistant**  
nlounbu@calpoly.edu

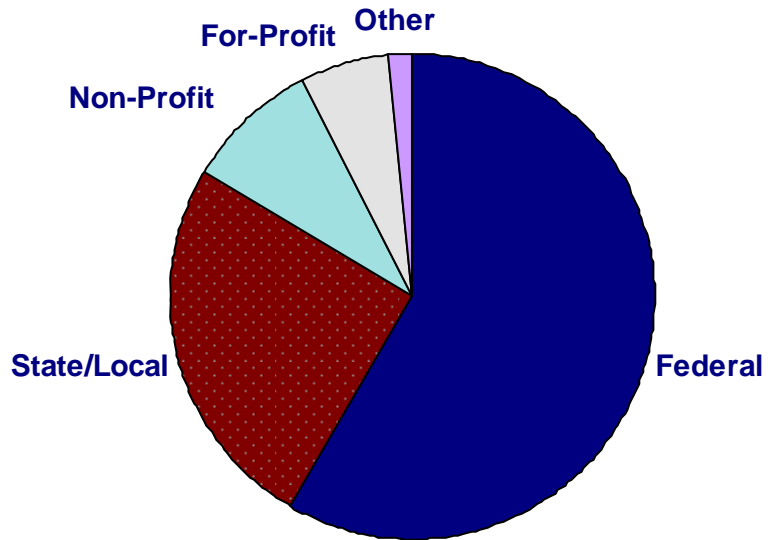
## SUMMARY OF AWARDS BY SPONSOR TYPE

Externally sponsored projects, including augmentations, totaled \$22,026,202 in FY 06/07 compared to \$19,462,986 in FY 05/06. This represents an overall 12% increase for this past year. Federal grants and contracts made up the majority of external funding for FY 06/07.

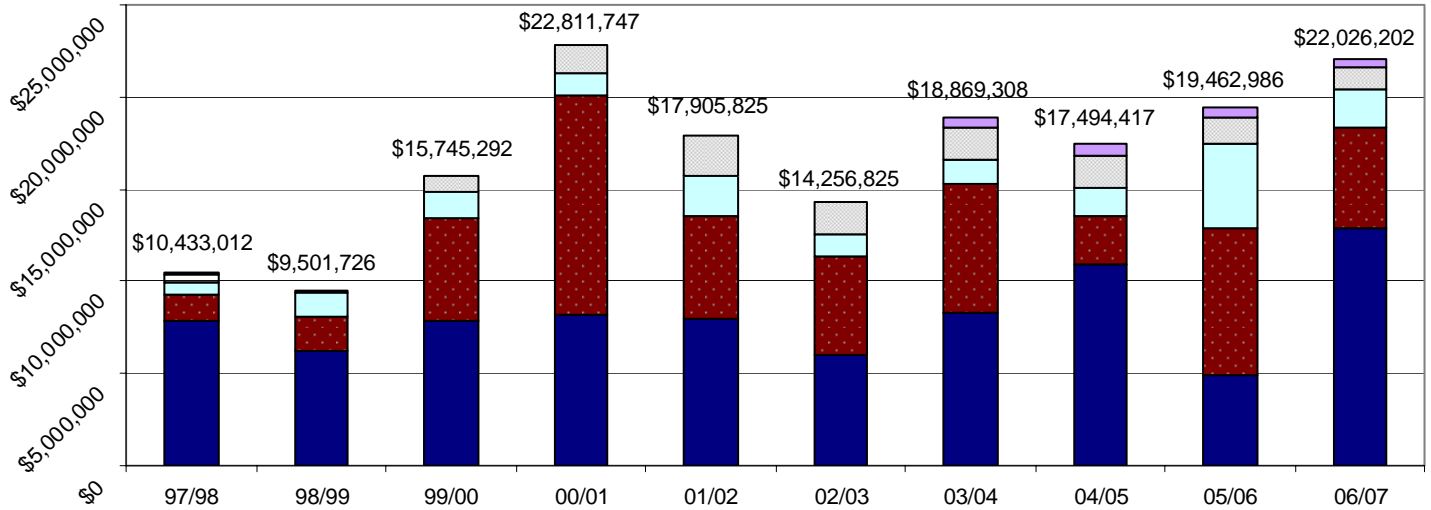
### Support by Sponsor Type - Fiscal Year 06/07

#### Fiscal Year 06/07

Sponsor Type	Support
Federal	\$12,877,854
State/Local	\$5,507,698
Non-Profit	\$1,975,117
For-Profit	\$1,304,726
Other	\$360,807
<b>Total</b>	<b>\$22,026,202</b>



### Award Totals by Sponsor Type 97/98 to 06/07



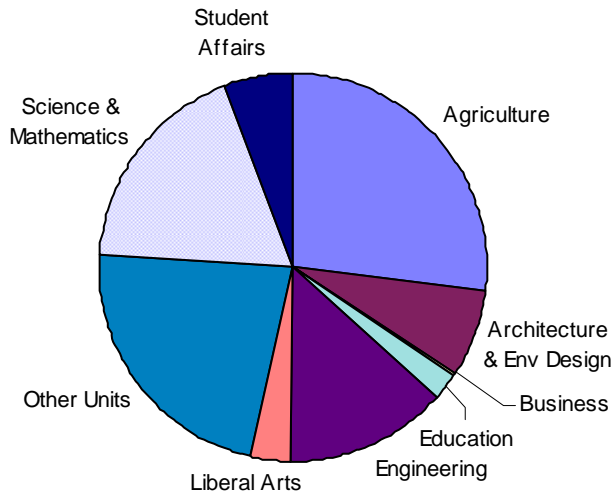
	97/98	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07
■ Other	\$8,000	\$34,204	\$44,000	\$0	\$23,200	\$0	\$537,000	\$632,645	\$523,284	\$360,807
■ For-Profit	\$466,234	\$115,774	\$901,568	\$1,554,220	\$2,156,406	\$1,695,420	\$1,731,279	\$1,786,237	\$1,506,469	\$1,304,726
■ Non-Profit	\$636,329	\$1,319,950	\$1,329,550	\$1,185,523	\$2,166,116	\$1,196,210	\$1,307,587	\$1,527,275	\$4,497,512	\$1,975,117
■ State/Local	\$1,485,460	\$1,764,676	\$5,613,252	\$11,911,743	\$5,582,612	\$5,371,383	\$7,026,312	\$2,588,910	\$7,991,540	\$5,507,698
■ Federal	\$7,836,989	\$6,267,122	\$7,856,922	\$8,160,261	\$7,977,491	\$5,993,812	\$8,267,130	\$10,959,350	\$4,944,181	\$12,877,854

## Comparison of Awards by Selected Sponsors FY 04/05 to FY 06/07 (In Thousands of Dollars)

	Funding Source	FY 04/05	FY 05/06	FY 06/07	% Change 05/06 to 06/07
<b>Federal</b>					
	U.S. Dept of Defense	\$5,807	\$490	\$4,701	859.8%
	National Science Foundation	\$1,493	\$1,882	\$2,110	12.1%
	Economic Development Administration	\$0	\$0	\$1,800	
	U.S. Dept of Education	\$2,034	\$632	\$1,359	114.8%
	U.S. Dept of Interior	\$564	\$921	\$1,096	19.0%
	U.S. Dept of Agriculture	\$246	\$337	\$974	188.9%
	U.S. Environmental Protection Agency	\$50	\$52	\$233	344.3%
	U.S. Dept of Energy	\$0	\$0	\$144	
	U.S. Geological Survey	\$18	\$102	\$68	-33.5%
	CA Office of Homeland Security	\$25	\$0	\$45	
	Other Federal	\$722	\$528	\$348	-34.1%
	<b>Total Federal</b>	<b>\$10,959</b>	<b>\$4,944</b>	<b>\$12,878</b>	<b>160.5%</b>
<b>State &amp; Local</b>					
	CA Dept of Education	\$24	\$279	\$1,130	305.4%
	CSU - Agricultural Research Initiative	\$267	\$710	\$1,091	53.6%
	CA Office of Emergency Services	\$0	\$0	\$763	
	CA Integrated Waste Management Board	\$0	\$55	\$580	946.9%
	CA State Coastal Conservancy	\$39	\$3,319	\$513	-84.5%
	CA Dept of Food and Agriculture	\$48	\$5	\$325	6400.0%
	CA Dept of Water Resources	\$0	\$388	\$90	-76.8%
	CA Dept of Transportation (Caltrans)	\$390	\$1,099	\$79	-92.8%
	CA Air Resources Board	\$242	\$0	\$45	
	Other State & Local	\$1,578	\$2,137	\$853	-58.3%
	<b>Total State &amp; Local</b>	<b>\$2,589</b>	<b>\$7,992</b>	<b>\$5,507</b>	<b>-31.1%</b>
<b>Non-Profit</b>					
	Dairy Management Inc.	\$0	\$471	\$698	48.0%
	CA Dairy Research Foundation	\$740	\$658	\$344	-47.7%
	National Plasterers Council	\$148	\$177	\$228	28.8%
	Other Non-Profit	\$639	\$3,191	\$705	-77.9%
	<b>Total Non-Profit</b>	<b>\$1,527</b>	<b>\$4,498</b>	<b>\$1,975</b>	<b>-56.1%</b>
<b>For-Profit</b>					
	CDM Technologies, Inc.	\$745	\$690	\$383	-44.5%
	Union Asphalt Inc.	\$0	\$0	\$238	
	Nutrahead	\$0	\$0	\$150	
	URS Corporation America	\$0	\$0	\$127	
	UNOCAL/Chevron Environmental Mgmt. Company	\$439	\$253	\$125	-50.5%
	The Boeing Company	\$223	\$69	\$50	-27.0%
	Other For-Profit	\$379	\$495	\$232	-53.2%
	<b>Total For-Profit</b>	<b>\$1,786</b>	<b>\$1,506</b>	<b>\$1,305</b>	<b>-13.4%</b>
<b>Other</b>					
	Various Sponsors	\$633	\$523	\$361	-31.0%
	<b>Total</b>	<b>\$17,494</b>	<b>\$19,463</b>	<b>\$22,026</b>	<b>13.5%</b>

# SUMMARY OF AWARDS IN FY 06/07 BY COLLEGE/UNIT

Awards by College/Unit - Fiscal Year 06/07

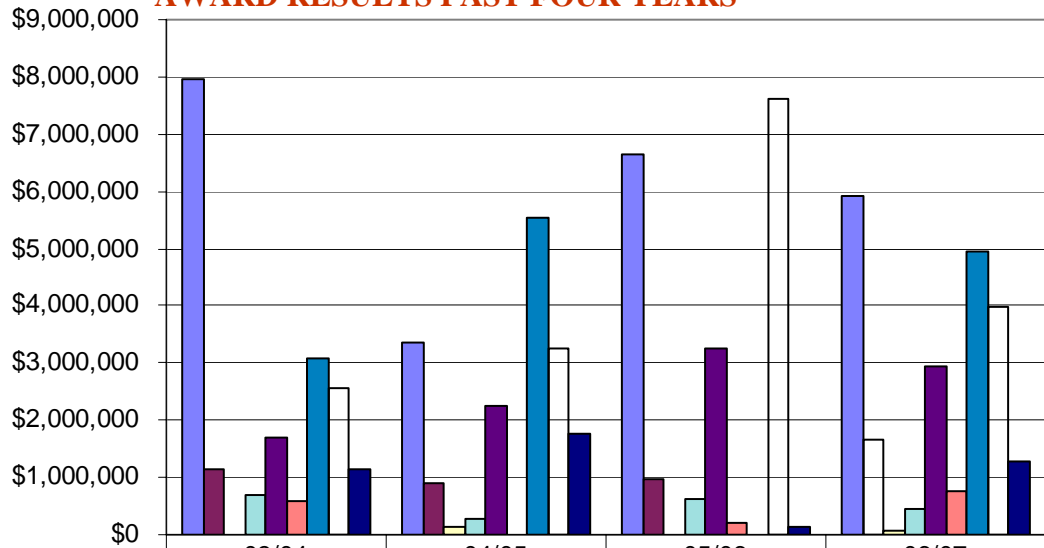


Fiscal Year 06/07

College/Unit	Support
Agriculture, Food and Environmental Sciences	\$5,920,510
Architecture and Environmental Design	\$1,672,745
Business	\$76,586
Education	\$450,650
Engineering	\$2,943,999
Liberal Arts	\$746,013
Other Units	\$4,941,648
Science & Mathematics	\$3,991,486
Student Affairs	\$1,282,565
<b>Total</b>	<b>\$22,026,202</b>

The College of Agriculture, Food, and Environmental Sciences, followed by the Colleges of Science and Mathematics and Engineering, received the most Awards for FY 06/07. Agriculture, Food, and Environmental Sciences received a total of 80 awards valued at \$5,920,510 with the largest number of awards to the Irrigation Training and Research Center (ITRC) (14), the Dairy Products Technology Center (13), Natural Resources Management (14) and Horticulture and Crop

## AWARD RESULTS PAST FOUR YEARS



■ Agriculture, Food, & Env. Sciences	\$7,964,267	\$3,368,671	\$6,642,492	\$5,920,510
■ Architecture & Env Design	\$1,135,845	\$897,824	\$960,571	\$1,672,745
■ Business	\$0	\$126,945	\$14,044	\$76,586
■ Education	\$698,814	\$287,822	\$632,356	\$450,650
■ Engineering	\$1,679,624	\$2,237,697	\$3,253,921	\$2,943,999
■ Liberal Arts	\$576,552	\$13,420	\$193,183	\$746,013
■ Other Units	\$3,081,000	\$5,543,229	\$15,852	\$4,941,648
■ Science & Mathematics	\$2,574,343	\$3,259,970	\$7,603,742	\$3,991,486
■ Student Affairs	\$1,158,863	\$1,758,839	\$146,826	\$1,282,565

# COMPARISON OF AWARDS BY COLLEGE/UNIT FY 05/06 - 06/07

AWARDS										
College/Unit	7/1/05 - 6/30/06					7/1/06 - 6/30/07				
	# Faculty	# Awards	Award \$	# Faculty	% of Total	# Awards	Award \$	Per Capita \$		
Agriculture, Food and Environmental Sciences	36	85	\$6,642,492	38	41.30%	80	\$5,920,510	\$64,353		
Architecture and Environ-	7	11	\$960,571	9	14.75%	16	\$1,672,745	\$27,422		
Business	2	2	\$14,044	4	9.09%	5	\$76,586	\$1,741		
Education	2	2	\$632,356	3	21.43%	3	\$450,650	\$32,189		
Engineering	27	47	\$3,253,921	28	23.93%	40	\$2,943,999	\$25,162		
Liberal Arts	8	12	\$193,183	6	4.38%	11	\$746,013	\$5,445		
Library	0	0	\$0	1	12.50%	1	\$7,300	\$913		
Other Units	3	4	\$15,852	4		11	\$4,934,348			
Science and Mathematics	20	38	\$7,603,742	27	21.77%	46	\$3,991,486	\$32,189		
Student Affairs	4	7	\$146,826	6		10	\$1,282,565			
<b>Total:</b>	109	208	\$19,462,987	126	21.11%	223	\$22,026,202	\$36,895		

**Key to Table: % of Total = # Faculty as a percentage of all tenured and tenure-track faculty in the college/unit;  
Per Capita \$ = total dollars divided by the total number of tenured and tenure-track faculty in the college/unit.**



## DOLLAR VALUE OF AWARDS IN FY 06/07 BY COLLEGE/UNIT AND DEPARTMENT

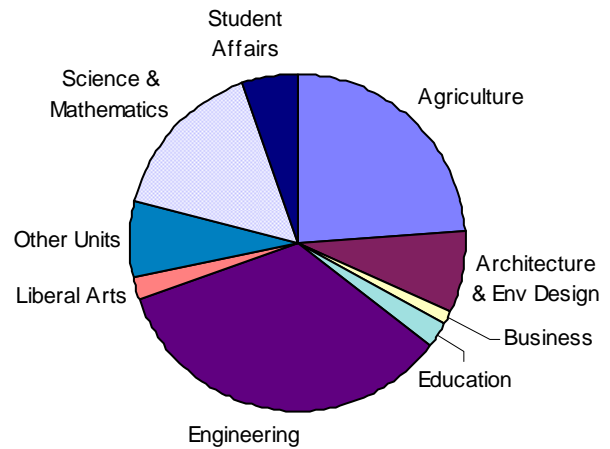
	<u>Dollar Value</u>		<u>Dollar Value</u>
<b>Agriculture, Food &amp; Environmental Sciences</b>		<b>Engineering (Cont.)</b>	
Agribusiness	\$460,000	Computer Science	\$127,584
Agricultural Education	\$571,250	Electrical Engineering	\$323,772
Animal Science	\$708,525	Industrial & Manufacturing Engineering	\$850,000
BioResource & Agricultural Engineering	\$74,000	Materials Engineering	\$201,669
— ITRC	\$1,536,910	Mechanical Engineering	\$428,540
College of Agriculture	\$113,000	Minority Engineering Program	\$226,875
Dairy Products Technology Center (DPTC)	\$1,499,785	<b>Total for Engineering</b>	<b>\$3,002,749</b>
Dairy Science	\$4,702		
Earth & Soil Sciences	\$25,560	<b>Liberal Arts</b>	
Food Science & Nutrition	\$135,421	Cal Poly Arts	\$2,000
Horticulture & Crop Science	\$375,059	Graphic Communications	\$589,926
Natural Resources Management	\$416,298	— GrCI	\$589,926
<b>Total for Agriculture, Food and Environmental Sciences</b>	<b>\$5,920,510</b>	Liberal Studies	\$64,500
		Political Science	\$3,197
<b>Architecture &amp; Environmental Design</b>		Psychology & Child Development	\$7,000
Architectural Engineering	\$10,800	Social Sciences	\$79,390
Architecture		<b>Total for Liberal Arts</b>	<b>\$746,013</b>
— CADRC	\$604,382		
City & Regional Planning	\$898,000	<b>Science &amp; Mathematics</b>	
Construction Management		Biological Sciences	\$1,901,929
— CCCE	\$74,163	Chemistry and Biochemistry	\$367,823
Landscape Architecture	\$85,400	— EBI	\$161,360
<b>Total for Architecture and Environmental Design</b>	<b>\$1,672,745</b>	Mathematics	\$1,047,923
		Physics	\$362,609
<b>Business</b>		Statistics	\$149,842
Economics	\$34,241	<b>Total for Science &amp; Mathematics</b>	<b>\$3,991,486</b>
Industrial Technology	\$42,345		
<b>Total for Business</b>	<b>\$76,586</b>	<b>Student Affairs</b>	
		Student Academic Services	\$871,662
<b>Education</b>		Student Life & Leadership	\$410,903
Graduate Studies in Education	\$200,650	<b>Total for Student Affairs</b>	<b>\$1,282,565</b>
Teacher Education	\$250,000		
<b>Total for Education</b>	<b>\$450,650</b>	<b>Other</b>	
<b>Engineering</b>		Honors Program	\$52,000
Aerospace Engineering	\$281,129	Library	\$7,300
Biomedical & General Engineering	\$39,942	Performing Arts Center	\$2,500
Civil & Environmental Engineering	\$494,594	Research & Graduate Programs	\$4,823,000
College of Engineering	\$28,644	University Police Department	\$56,848
		<b>Total for Other</b>	<b>\$4,941,648</b>
		<b>GRAND TOTALS: AWARDED FUNDING</b>	<b><u>\$22,026,202</u></b>

## SUMMARY OF PROPOSALS SUBMITTED IN FY 06/07 BY COLLEGE/UNIT

Fiscal Year 06/07

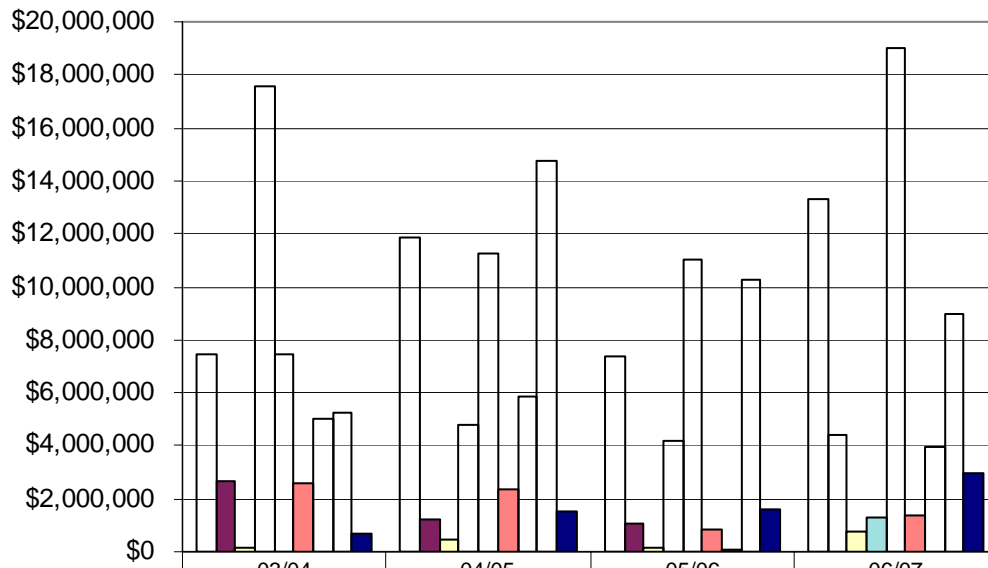
College/Unit	Support
Agriculture, Food, and Environmental Sciences	\$13,321,987
Architecture & Environmental Design	\$4,414,840
Business	\$796,306
Education	\$1,320,038
Engineering	\$19,009,392
Liberal Arts	\$1,336,503
Other Units	\$3,942,673
Science & Mathematics	\$8,957,882
Student Affairs	\$2,944,643
Total	\$56,044,264

Proposals Submitted by College/Unit - Fiscal Year 06/07



The College of Engineering and the College of Agriculture, Food, and Environmental Science had the highest proposal activity in FY 06/07. The College of Engineering submitted 83 proposals valued at \$19,009,382. The College of Agriculture, Food, and Environmental Science submitted 88 proposals valued at \$13,321,987.

### PROPOSAL SUBMISSIONS PAST 4 YEARS



■ Agriculture, Food, & Env. Sciences	\$7,439,504	\$11,837,374	\$7,382,820	\$13,321,987
■ Architecture & Env Design	\$2,649,613	\$1,244,268	\$1,040,402	\$4,414,840
■ Business	\$171,554	\$451,706	\$123,328	\$796,306
■ Education	\$17,548,221	\$4,813,702	\$4,179,106	\$1,320,038
■ Engineering	\$7,422,831	\$11,231,416	\$11,002,413	\$19,009,392
■ Liberal Arts	\$2,597,476	\$2,337,790	\$830,753	\$1,336,503
■ Other Units	\$4,987,713	\$5,872,584	\$45,528	\$3,942,673
■ Science & Mathematics	\$5,284,889	\$14,770,856	\$10,240,634	\$8,957,882
■ Student Affairs	\$694,384	\$1,515,956	\$1,577,903	\$2,944,643

# COMPARISON OF PROPOSALS BY COLLEGE/UNIT 05/06 - 06/07

PROPOSAL SUBMISSIONS										
College/Unit	7/1/05 - 6/30/06					7/1/06 - 6/30/07				
	# Faculty	# Proposals	Proposal \$	# Faculty	% of Total	# Proposals	Proposal \$	Per Capita \$		
Agriculture, Food, and Environmental Sciences	36	87	\$7,382,820	39	42.39%	88	\$13,321,987	\$144,804		
Architecture and Environmental Design	11	16	\$1,040,402	12	19.67%	23	\$4,414,840	\$72,374		
Business	4	5	\$123,328	3	6.82%	4	\$796,306	\$18,098		
Education	2	2	\$4,179,106	4	28.57%	6	\$1,320,038	\$94,288		
Engineering	40	69	\$11,002,413	50	42.74%	83	\$19,009,392	\$162,473		
Liberal Arts	8	15	\$830,753	6	4.38%	15	\$1,336,503	\$9,755		
Library	0	0	\$0	1	12.50%	1	\$7,300	\$913		
Other Units	2	8	\$45,528	6		14	\$3,935,373			
Science & Mathematics	27	50	\$10,240,634	37	29.84%	58	\$8,957,882	\$72,241		
Student Affairs	4	7	\$1,577,903	5		10	\$2,944,643			
<b>Total:</b>	134	259	\$36,422,887	163	27.30%	302	\$56,044,264	\$93,876		

Key to Table: % of Total = # Faculty as a percentage of all tenured and tenure-track faculty in the college/unit;  
Per Capita \$ = total dollars divided by the total number of tenured and tenure-track faculty in the college/unit.

# PROPOSALS SUBMITTED IN FY 06/07 BY COLLEGE/UNIT AND DEPARTMENT

	<u>Dollar Value</u>		<u>Dollar Value</u>
<b>Agriculture, Food &amp; Env Sciences</b>		<b>Engineering (Cont.)</b>	
Agribusiness	\$501,685	Computer Science	\$1,398,387
Agricultural Education	\$571,250	Electrical Engineering	\$4,991,051
Animal Science	\$698,650	Industrial & Manufacturing Engineering	\$854,565
BioResource & Agricultural Engineering	\$258,633	Materials Engineering	\$293,188
— ITRC	\$5,163,106	Mechanical Engineering	\$3,176,429
Dairy Products Technology Center (DPTC)	\$3,389,938	Minority Engineering Program	\$80,000
Dairy Science	\$43,507		
		<b>Engineering Total</b>	<b>\$19,009,392</b>
Earth & Soil Sciences	\$7,500		
Farm Operations	\$16,893	<b>Liberal Arts</b>	<b>\$5,500</b>
Food Science & Nutrition	\$64,976	Cal Poly Arts	\$837,927
Horticulture & Crop Science	\$967,918	English	\$321,000
Natural Resources Management	\$1,637,931	Graphic Communications	
		— GrCI	\$170,976
<b>Agriculture, Food &amp; Env Sciences Total</b>	<b>\$13,321,987</b>	Liberal Studies	\$1,100
		Political Science	\$1,336,503
<b>Architecture &amp; Env Design</b>		<b>Science &amp; Mathematics</b>	
Architectural Engineering	\$358,220	Biological Sciences	\$4,594,363
Architecture	\$0	Chemistry and Biochemistry	\$1,435,899
— CADRC	\$2,999,090	— EBI	\$124,982
City & Regional Planning	\$898,000	Mathematics	\$1,364,728
Construction Management		Physics	\$1,404,098
— CCCE	\$74,163	Statistics	\$33,812
Landscape Architecture	\$85,367		
		<b>Science &amp; Mathematics Total</b>	<b>\$8,957,882</b>
<b>Architecture &amp; Env Design Total</b>	<b>\$4,414,840</b>		
<b>Business</b>		<b>Student Affairs</b>	
Economics	\$94,736	Health & Psychological Services	\$299,494
Industrial Technology	\$701,570	Student Academic Services	\$2,057,423
		Student Life & Leadership	\$587,726
<b>Business Total</b>	<b>\$796,306</b>	<b>Student Affairs Total</b>	<b>\$2,944,643</b>
<b>Education</b>		<b>Other</b>	
Education	\$622,150	Extended Education	\$160,265
Graduate Studies in Education	\$215,260	Facility Services	\$628,563
Teacher Education	\$482,628	Honors Program	\$104,000
		Library	\$7,300
<b>Education Total</b>	<b>\$1,320,038</b>	Performing Arts Center	\$8,700
<b>Engineering</b>		Research & Graduate Programs	\$3,023,000
Aerospace Engineering	\$4,352,712	University Police Department	\$10,845
Biomedical & General Engineering	\$562,918		
Civil & Environmental Engineering	\$3,230,382	<b>Total for Other</b>	<b>\$3,942,673</b>
College of Engineering	\$69,760		
		<b>GRAND TOTAL PROPOSALS SUBMITTED</b>	<b><u>\$55,970,101</u></b>

## LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07

### Agriculture, Food & Environmental Sciences

#### Agribusiness

Hurley, Sean	CA Integrated Waste Management Board <i>Title: Post Consumer Plastic Infrastructure Assessment &amp; Market Development Strategies</i>	\$85,000
MacDougall, Neal	Clarence E. Heller Foundation <i>Title: Advancement of the Sustainable Agriculture Resource Consortium (SARC) at Cal Poly</i>	\$35,000
McCorkle, Robert	U.S. Peace Corps <i>Title: U.S. Peace Corps On-Campus Recruiter</i>	\$15,000
Noel, Jay	CA Dept of Food and Agriculture <i>Title: Establishment of the California Institute for the Study of Specialty Crops (CISSC)</i>	\$325,000

#### Agricultural Education

Flores, Robert A.	U.S. Dept of Education via CA Dept of Education <i>Title: San Luis Obispo Office Space and Services for CDE Agricultural Education Consultant (2007-2010)</i>	\$41,250
Flores, Robert A.	CA Dept of Education <i>Title: California Agricultural Education - Professional Development Project (2007-09)</i>	\$530,000

#### Animal Science

Beckett, Jonathon	CSU - Agricultural Research Initiative <i>Title: Application of Multiple Marker, Pre-Implantation Genetic Testing of Bovine Embryos</i>	\$32,540
Beckett, Jonathon	U.S. Dept of Agriculture via CA Dept of Food and Agriculture <i>Title: Cost-Benefit Analysis of National Animal Identification</i>	\$47,300
Beckett, Jonathon	U.S. Dept of Agriculture via CA Dept of Food and Agriculture <i>Title: Cost-Benefit Analysis of National Animal Identification - Economic Case Studies</i>	\$35,970
Delmore, Robert	California Beef Council <i>Title: California Dairy Beef Quality Audit</i>	\$23,500
Delmore, Robert	U.S. Dept of Agriculture (CSREES) via CSU Agricultural Research Initiative <i>Title: Effects of Implants on Physiological Growth and Carcass Attributes in Holstein Steers</i>	\$26,511
Delmore, Robert	National Cattlemen's Beef Association via Texas A&M University <i>Title: 2007 National Market Cow and Bull Quality Audit: A Survey of Producer-Related Defects in Market Cows and Bulls</i>	\$13,100
Hall, Michael	CSU - Agricultural Research Initiative <i>Title: Assessing High-Intensity Short-Duration Grazing As a Wildlife Management Tool in Coastal California</i>	\$49,246
Hall, Michael	U.S. Dept of Agriculture via CA Dept of Food and Agriculture <i>Title: Cal Poly NAIS Outreach &amp; Education Project</i>	\$15,620
Humphrey, Brooke	U.S. Dept of Agriculture (CSREES) - NRI <i>Title: Regulation of Lysine Transport and Utilization in Chickens</i>	\$189,289
Peterson, Daniel	U.S. Dept of Agriculture (CSREES) via CSU Agricultural Research Initiative <i>Title: Cal Poly State University ATC Equipment</i>	\$129,748

## LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07 (CONT.)

### Agriculture, Food & Environmental Sciences (Cont.)

#### **Animal Science (Cont.)**

Peterson, Daniel	CSU - Agricultural Research Initiative <i>Title: Tissue-Specific Regulation of Lipogenesis by the Transcription Factors SREBP and ChREBP</i>	\$9,090
Peterson, Daniel	CSU - Agricultural Research Initiative <i>Title: Proteomics Approach to the Analysis of Animal Tissue and Milk Fat Globule Membrane Proteins</i>	\$57,464
Pettey, Allen	CSU - Agricultural Research Initiative <i>Title: Development of Nutrient Excretion Models in Pigs and Poultry</i>	\$73,897
Plummer, William	Illinois Equine Industry Research and Promotion Board <i>Title: The Concentration of Sperm Surface Proteins and Their Effects on Oocyte Binding as Related to Fertility Estimation</i>	\$5,250

#### **BioResource and Agricultural Engineering**

Kelly, Shaun F	Horticulture Research Institute <i>Title: Development and Performance of RFID Containers for the Nursery</i>	\$14,000
----------------	---	----------

#### **Irrigation Training and Research Center (ITRC)**

Burt, Charles	Various Sponsors <i>Title: Fee-for-Service Agreement</i>	\$172,995
Burt, Charles	U.S. Dept of Interior, Bureau of Reclamation <i>Title: SCADA Integration and Modernization Recommendation Services in the Klamath Reclamation Project</i>	\$350,000
Burt, Charles	U.S. Dept of Interior, Bureau of Reclamation via Panoche Water District <i>Title: Canal Seepage Reduction Through In-Situ Soil Compaction</i>	\$160,000
Burt, Charles	CSU - Agricultural Research Initiative <i>Title: Canal Seepage Reduction Through In-Situ Soil Compaction</i>	\$60,000
Burt, Charles	World Bank Group <i>Title: Water Resource Modernization Training in China</i>	\$51,500
Burt, Charles	URS Corporation America <i>Title: Modesto Irrigation District Comprehensive Water Resources Management Plan - Phase I</i>	\$126,636
Styles, Stuart	U.S. Dept of Interior, Bureau of Reclamation <i>Title: Water Conservation Technical Assistance to Yuma Area Irrigation Districts</i>	\$39,309
Styles, Stuart	U.S. Dept of Interior, Bureau of Reclamation, Mid Pacific Region <i>Title: On-Farm Irrigation System Evaluations for Federal Water Contractors in the San Joaquin Valley</i>	\$84,000
Styles, Stuart	U.S. Dept of Interior, Bureau of Reclamation, Umatilla Field Office <i>Title: Quantification of Flows for Irrigation and Drainage Management</i>	\$12,470
Styles, Stuart	CA Dept of Water Resources <i>Title: Irrigation Evaluation Short Courses</i>	\$90,000
Styles, Stuart	U.S. Dept of Interior, Bureau of Reclamation, Mid Pacific Region <i>Title: Technology Transfer to USBR Water Users</i>	\$450,000

#### **College of Agriculture**

Pedersen, Mary	U.S. Dept of Agriculture (CSREES) <i>Title: Multicultural Agriculture Scholars Program</i>	\$113,000
----------------	---	-----------

## LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07 (CONT.)

### Agriculture, Food & Environmental Sciences (Cont.)

#### Dairy Products Technology Center (DPTC)

Farkye, Nana	Dairy Management, Inc. via Utah State University <i>Title: Identification of the Causes of Deficiencies of Flavor Development in Low Fat Cheddar Cheese</i>	\$31,129
Farkye, Nana	Dairy Management, Inc. via Utah State University <i>Title: Identification of the Causes of Deficiencies of Flavor Development in Low Fat Cheddar Cheese</i>	\$51,039
Farkye, Nana	Dairy Management, Inc. via University of Wisconsin-Madison <i>Title: Texture Improvement of Low Fat Cheddar Cheese by Blending Nonfat Cheese with Full Fat Cheese, Cheese Extract/Enzyme Modified Cheese or Lubricants Using Stuffing Technologies</i>	\$44,000
Farkye, Nana	Clorox Services Company <i>Title: Project Wizard Dairy Prototype</i>	\$2,000
Jimenez-Flores, Rafael	CSU - Agricultural Research Initiative (System-wide) <i>Title: Development of Dairy Products Enriched in Milk Fat Globule Membranes and their Characterization Using Laser Tweezers</i>	\$191,500
Jimenez-Flores, Rafael	Dairy Management, Inc. <i>Title: Whey Component Interactions in the Concentration Process of WPC Manufacture</i>	\$79,459
Jimenez-Flores, Rafael	Dairy Management, Inc. <i>Title: Whey Component Interactions in the Concentration Process of WPC Manufacture</i>	\$41,846
Jimenez-Flores, Rafael	CA Dairy Research Foundation <i>Title: Identification of Milk and Dairy Products' Point of Origin: Phase II</i>	\$72,527
Jimenez-Flores, Rafael	CSU - Agricultural Research Initiative <i>Title: Characterization of Functional Properties and Lipid Profiles of Cheese Treated by Supercritical CO<sub>2</sub></i>	\$64,490
Jimenez-Flores, Rafael	Nutrahead <i>Title: Evaluation of Functional Properties of Nutrahead Products for Process Optimization</i>	\$150,000
Tong, Phillip	CSU - Agricultural Research Initiative <i>Title: Use of Dairy Ingredients In Extended Shelf-life Dairy-Based Foods</i>	\$50,000
Tong, Phillip	CA Dairy Research Foundation <i>Title: Dairy Products Technology Industry Outreach Program - 2005</i>	\$88,020
Tong, Phillip	Dairy Management, Inc. <i>Title: Impact of Dairy Protein Ingredients Options on Frozen Dairy Desserts</i>	\$21,175
Tong, Phillip	Dairy Management, Inc. <i>Title: Cal Poly Dairy Ingredients Applications Program 2007</i>	\$429,000
Tong, Phillip	CA Dairy Research Foundation <i>Title: DPTC Operations 2007 - Technical Support for Maintenance and Growth of the California Dairy Industry</i>	\$183,600

#### Dairy Science

Jaster, Edwin	CSU - Agricultural Research Initiative <i>Title: Enhanced Early Nutrition for Jersey Dairy Calves</i>	\$4,702
---------------	--	---------

#### Earth & Soil Sciences

Rice, Thomas	CSU - Agricultural Research Initiative <i>Title: Assessing Wine Quality Relative to Soil Types: A Study of Terroir</i>	\$18,060
Ruehr, Thomas	U.S. Dept of Agriculture (FAS) via CSU, Fresno <i>Title: Soil Decontamination Project in the Republic of Armenia</i>	\$7,500

## LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07 (CONT.)

### Agriculture, Food & Environmental Sciences (Cont.)

#### Food Science & Nutrition

Hawk, Susan	CSU - Agricultural Research Initiative <i>Title: Fatty Acid Modulation of Vitamin A and Breast Cancer</i>	\$39,622
Khalil, Hany	CSU - Agricultural Research Initiative <i>Title: Mechanisms of Protection and Intestine Colonization of Probiotic Bacteria Offered by Milk Fat Globule Membrane in Yogurt as Determined by Laser Tweezers</i>	\$38,609
Khalil, Hany	CSU - Agricultural Research Initiative <i>Title: Mechanisms of Protection and Intestine Colonization of Probiotic Bacteria Offered by Milk Fat Globule Membrane in Yogurt as Determined by Laser Tweezers</i>	\$22,194
Khalil, Hany	U.S. Dept of Agriculture (FAS) <i>Title: Goat Herd Health Management in Armenia</i>	\$14,996
Nicholson, Lisa	CA Dept of Health Services via Ventura County Public Health <i>Title: Gold Coast Collaborative: Regional Nutrition Network for Healthy Active Families</i>	\$20,000

#### Horticulture & Crop Science

Brown, J. Wyatt	CSU - Agricultural Research Initiative <i>Title: Investigations into the Modified Atmosphere Packaging of Partially-Processed Artichokes</i>	\$20,616
Garner, Lauren	University of California's Hansen Trust <i>Title: The Effects of Plant Growth Regulator Spray Regimes and Girdling on Fruit Retention and Yield of Lychee (Litchi chinensis) Trees</i>	\$24,868
Garner, Lauren	CSU - Agricultural Research Initiative <i>Title: Mandarins (Citrus sp.): New Variety Trials from the Citrus Research Board</i>	\$5,000
Garner, Lauren	CSU - Agricultural Research Initiative <i>Title: The Effects of Plant Growth Regulator Spray Regimes and Girdling on Fruit Retention and Yield of Lychee (Litchi chinensis Sonn.) Trees</i>	\$20,000
Headrick, David	Citrus Research Board <i>Title: Field Management Plan for Peelminer and Biocontrol Rearing System for Peelminer and Leafminer</i>	\$35,000
Headrick, David	CSU - Agricultural Research Initiative <i>Title: Field Management Plan and Biocontrol Rearing System for Citrus Peelminer</i>	\$34,204
Leon, Ramon G.	CSU - Agricultural Research Initiative <i>Title: Evaluation of Pesticide Efficacy as Influenced by Adjuvant and Nozzle type</i>	\$9,565
Leon, Ramon G.	U.S. Dept of Agriculture (CSREES) via CSU Agricultural Research Initiative <i>Title: Development of Sustainable Approaches for Weed Management in Vineyards</i>	\$45,974
Leon, Ramon G.	CSU - Agricultural Research Initiative <i>Title: Integrated Weed Management Solutions for Central Coast Agriculture</i>	\$5,000
Leon, Ramon G.	CSU - Agricultural Research Initiative <i>Title: Development of Sustainable Approaches for Weed Management in Vineyards</i>	\$20,000
Vassey, Terry L.	California Landscape Contractors Association <i>Title: Establishing High Year Round Turfgrass Quality Using Mixed Stands of Buffalograss and Fine Fescue</i>	\$8,500



## LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07 (CONT.)

### Agriculture, Food & Environmental Sciences (Cont.)

#### Horticulture & Crop Science (Cont.)

Wong, Jeffrey C.	U.S. Dept of Agriculture (CSREES) via CSU Agricultural Research Initiative <i>Title: Identification of EST's Related to Mite Infestation in Wine Grapes</i>	\$103,572
Wong, Jeffrey C.	CSU - Agricultural Research Initiative <i>Title: Identification of EST's Related to Mite Infestation in Wine Grapes</i>	\$42,760

#### Natural Resources Management

Dicus, Christopher A.	U.S. Dept of Agriculture (CSREES) <i>Title: McIntire-Stennis - Effects of Post-Harvest Fuel Loading on Fire Behavior and Soil Erosion in a Coast Redwood Forest</i>	\$7,507
Dicus, Christopher A.	U.S. Dept of Agriculture (CSREES) <i>Title: McIntire-Stennis - Effects of Post-Harvest Fuel Loading on Fire Behavior and Soil Erosion in a Coast Redwood Forest</i>	\$3,800
Dicus, Christopher A.	CSU - Agricultural Research Initiative <i>Title: Tradeoffs in Community Benefits Versus Fire Risk in Wildland/Urban Interface Forests</i>	\$28,643
Dicus, Christopher A.	U.S. Dept of Agriculture (CSREES) <i>Title: McIntire-Stennis - Effects of Differing Slash Treatments on Potential Fire Behavior and Soil Erosion in a Selectively Harvested Coast Redwood Forest</i>	\$16,875
Dicus, Christopher A.	U.S. Dept of Agriculture (CSREES) <i>Title: McIntire-Stennis - Effects of Differing Slash Treatments on Potential Fire Behavior and Soil Erosion in a Selectively Harvested Coast Redwood Forest</i>	\$5,757
Dietterick, Brian	CSU - Agricultural Research Initiative <i>Title: Pre-Harvest Calibration of a Paired and Nested Watershed Study to Evaluate Event-Based Suspended Sediment Export</i>	\$40,455
Dietterick, Brian	U.S. Dept of Agriculture (CSREES) <i>Title: McIntire-Stennis - Pre-Harvest Calibration of a Paired and Nested Watershed Study to Evaluate Event-Based Suspended Sediment Export</i>	\$24,763
Dietterick, Brian	U.S. Dept of Agriculture (CSREES) <i>Title: McIntire-Stennis - Pre-Harvest Calibration of a Paired and Nested Watershed Study to Evaluate Event-Based Suspended Sediment Export</i>	\$13,719
Dietterick, Brian	U.S. Fish and Wildlife Service <i>Title: Swanton Pacific Ranch Spring Enhancement</i>	\$9,975
Goldenberg, Marni	CSU - Agricultural Research Initiative <i>Title: Understanding Longitudinal Outcomes of Wilderness Participation Using Means-End Analysis</i>	\$20,000
Goldenberg, Marni	U.S. Dept of Agriculture (CSREES) <i>Title: McIntire-Stennis - Longitudinal Research of Wilderness Participation in Forested Areas Using Means-End Analysis</i>	\$15,000
Hendricks, William	CSU - Agricultural Research Initiative <i>Title: The Economic Impact of Oceano Dunes State Vehicular Recreation Area Visitors on Local Communities</i>	\$3,000
Mark, Walter	CSU - Agricultural Research Initiative (System-wide) <i>Title: Spatial Modeling of a Biological Invasion: Landscape-Level Establishment and Spread of Phytophthora Ramorum in California</i>	\$130,000

## LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07 (CONT.)

### Agriculture, Food & Environmental Sciences (Cont.)

#### **Natural Resources Management (Cont.)**

Mark, Walter	U.S. Dept of Agriculture (CSREES) <i>Title: McIntire-Stennis - Potential of Restoration Forestry to Accelerate Attainment of Late Seral Stage Characteristics in Second Growth Redwood Forests</i>	\$12,926
Mark, Walter	U.S. Dept of Agriculture (CSREES) <i>Title: McIntire-Stennis - Potential of Restoration Forestry to Accelerate Attainment of Late Seral Stage Characteristics in Second Growth Redwood Forests</i>	\$9,000
Mark, Walter	U.S. Dept of Agriculture (Forest Service) via University of California, Berkeley <i>Title: Treatment of Sudden Oak Death in Big Sur</i>	\$50,000
Piiro, Douglas	U.S. Dept of Agriculture (CSREES) <i>Title: McIntire-Stennis Forestry Research Program (2006-2007)</i>	\$23,878

#### **Coastal Resources Institute (CRI)**

Vilkitis, James	Morro Bay National Estuary Program <i>Title: Compost Tea Irrigation for Re-vegetation Restoration</i>	\$1,000
-----------------	--	---------

### Architecture & Environmental Design

#### **Architectural Engineering**

McDaniel, Cole	CA Dept of Military <i>Title: Architectural Engineering Design Project</i>	\$10,800
----------------	---	----------

#### **Architecture**

##### **Collaborative Agent Design Research Center (CARD C)**

Pohl, Jens	CSU, Long Beach Foundation <i>Title: Strategic Mobility 21 (SM-21): Joint Force Deployment and Distribution Process, Phase I</i>	\$221,382
Pohl, Jens	CDM Technologies, Inc. <i>Title: ICODES (Integrated Computerized Deployment System) Development and Software Maintenance Support - Stage 13</i>	\$163,000
Pohl, Jens	CDM Technologies, Inc. <i>Title: ICODES Development and Software Maintenance Support - Stage 14</i>	\$220,000

#### **City & Regional Planning**

Del Rio Nascimento, Vicente	County of Tulare CA <i>Title: Traver Concept Plan: A Participatory Planning Process</i>	\$18,580
Del Rio Nascimento, Vicente	County of Tulare CA <i>Title: Traver Urban Design Plan</i>	\$5,000
Doyle, D. Gregg	Kings, County of CA <i>Title: Kettleman City Plan</i>	\$16,030
Howard, Zeljka Pavlovich	City of San Buenaventura <i>Title: Westside Community Plan</i>	\$17,446
Nuworsoo, Cornelius	Kings, County of CA <i>Title: Armona Community Plan</i>	\$19,938
Nuworsoo, Cornelius	City of Desert Hot Springs, CA <i>Title: Desert Hot Springs General Plan Update</i>	\$58,112
Topping, Kenneth C.	CA Office of Emergency Services <i>Title: State Multi-Hazard Mitigation Plan Revision</i>	\$762,894

#### **Construction Management**

##### **California Center for Construction Education (CCCE)**

Jackson Barbara	Various Sponsors <i>Title: California Center for Construction Education Fee for Service</i>	\$74,163
-----------------	--	----------

# LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07 (CONT.)

## Architecture & Environmental Design (Cont.)

### Landscape Architecture

Bremer, Walter	San Luis Obispo Council of Governments <i>Title: Master Agreement Task #4: Development of Land Use Planning Analysis</i>	\$12,000
Bremer, Walter	San Luis Obispo Council of Governments <i>Title: Master Agreement Task #1: Regional Traffic Model Support</i>	\$4,000
Bremer, Walter	San Luis Obispo Council of Governments <i>Title: Master Agreement Task #2: Community 2050 Phase III Blueprint Program Support</i>	\$56,000
Bremer, Walter	San Luis Obispo Council of Governments <i>Title: Master Agreement Task #3: Workshop/Meeting Support and Technology Transfer</i>	\$13,400

## Business

### Economics

Hamilton, Stephen	U.S. Dept of Agriculture via University of Wisconsin at Madison <i>Title: Pricing and Advertising Relationships in the Food Retail Sector</i>	\$16,489
Hamilton, Stephen	U.S. Dept of Agriculture via University of Wisconsin at Madison <i>Title: Pricing Relationships in the Food Retail Sector</i>	\$17,752

### Industrial Technology

Sena, James	Northrop Grumman Corporation <i>Title: Research Design for Modeling and Analysis of Northrop-Production System Integrator Business Relationship (Phase IV, Part I)</i>	\$33,000
Singh, Jagjit	Various Sponsors <i>Title: Fee-for-Service Agreement, Cal Pack Lab</i>	\$3,345
Tornatzky, Louis	National Collegiate Inventors and Innovators Alliance (NCIIA) <i>Title: Towards Multiple E-Team Platforms: Course and Program Development in Technology Entrepreneurship</i>	\$6,000

## Education

### Graduate Studies in Education

Harris, Kathleen C.	U.S. Dept of Education <i>Title: Collaborative High Incidence Personnel Preparation (CHIPP)</i>	\$195,650
Rosenberg, Lou	Cabrillo Marine Aquarium <i>Title: Robotic Underwater Camera System</i>	\$5,000

### Teacher Education

Hernandez, Anita	U.S. Dept of Education <i>Title: English Language Acquisition: National Professional Development</i>	\$250,000
------------------	---	-----------

## Engineering

### Aerospace Engineering

Hall, David W.	NASA - Ames Research Center <i>Title: NASA ESTOL Concepts &amp; Challenges</i>	\$75,000
Puig-Suari, Jordi	NASA via Santa Clara University <i>Title: Genesat-1 Mission Launch Segment Support for the Exploration Probes and Small Satellites Program Office at NASA Ames Research Center</i>	\$68,391
Puig-Suari, Jordi	NASA via Santa Clara University <i>Title: Genesat-1 Mission Launch Segment Support for the Exploration Probes and Small Satellites Program Office at NASA Ames Research Center</i>	\$37,009

# LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07 (CONT.)

## Engineering (Cont.)

### Aerospace Engineering (Cont.)

Puig-Suari, Jordi	Epson Research and Development, Inc. <i>Title: Space Environment Thermal Vacuum Testing &amp; Qualification of a Momentum Powered Timepiece</i>	\$15,540
Puig-Suari, Jordi	Ecliptic Enterprises Corporation <i>Title: RocketPod-Plus</i>	\$39,590
Tso, Jin	NASA - Ames Research Center <i>Title: On the Effect of High Shear on a Blade-Generated Vortex</i>	\$42,979
Tso, Jin	Advance Projects Research, Inc <i>Title: Demonstration and Laser Testing Using Particle Image Velocimetry</i>	\$2,620

### Biomedical & General Engineering

Griffin, Lanny	U.S. Army Medical Research Acquisition Activity <i>Title: Polymeric Splint Testing and Evaluation for Upper and Lower Extremity Fractures</i>	\$39,942
----------------	--	----------

### Civil & Environmental Engineering

Cota, Harold	U.S. Environmental Protection Agency <i>Title: Air Pollution Training Grant 2002-2007</i>	\$27,500
Moss, Robb	U.S. Geological Survey NEHRP <i>Title: Using a Bayesian Framework to Quantify Parameter Uncertainty and Model Optimization for Strong Ground Motion Attenuation Relationships</i>	\$32,929
Moss, Robb	National Science Foundation <i>Title: SGER: Cooperative Research on Soil Liquefaction Prediction Based on Field Test Parameters</i>	\$17,690
Nelson, Yarrow M.	U.S. Environmental Protection Agency <i>Title: Production of Biodiesel from Algae Applied to Agricultural Wastewater Treatment</i>	\$9,990
Nelson, Yarrow M.	U.S. Dept of Energy SBIR via MicroBio Engineering <i>Title: Coupling Nutrient Removal and Carbon Dioxide Fixation through a Microalgae-Based Municipal Wastewater Treatment Process</i>	\$32,000
Sullivan, Edward	CSU San Bernardino <i>Title: Proposal to Provide Technical Assistance in Support of Startup Activities for the "Bill" or "Bobby" Leonard University Transportation Center, Cal State University, San Bernardino</i>	\$15,000
Thatcher, Tracy	U.S. Dept of Energy via Lawrence Berkeley National Laboratory (University of California) <i>Title: LNG Interchangeability Project</i>	\$40,000

### Computer Science

Clements, John	National Science Foundation via Adelphia University <i>Title: Redesigning Introductory Computing: The Design Discipline</i>	\$14,871
Franklin, Diana	National Science Foundation - MRI <i>Title: MRI: Acquisition of Computing Resources for Management of Reliability through Data Classification and Voltage Overscaling</i>	\$45,213
Franklin, Diana	National Science Foundation - MRI <i>Title: MRI: Acquisition of Computing Resources for Management of Reliability through Data Classification and Voltage Overscaling</i>	\$7,500
Franklin, Diana	National Science Foundation (CAREER Program) <i>Title: CAREER: Horseshoes and Hand Grenades: Exploiting Error Tolerance in Applications</i>	\$60,000

## LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07 (CONT.)

### Engineering (Cont.)

#### **Electrical Engineering**

Arakaki, Dean	WaveZero Inc. <i>Title: Radio Frequency Identification (RFID) Tag Development and Testing</i>	\$11,704
Gerfen, Jeffrey	PATH via CSU Pomona <i>Title: Stage 5 Test Deployment of Efficient Deployment of Advanced Public Transportation Systems (EDAPTS)</i>	\$28,644
Jin, Xiaomin	Agilent Technologies, Inc <i>Title: Modeling of Semiconductor Lasers and Photodiodes, and Characterization of Cables for Interferometer Measurements System Applications</i>	\$43,038
Liddicoat, Albert	National Science Foundation (CCLI) <i>Title: Enhancing Student Learning Through State-of-the-Art Systems Level Design and Implementation</i>	\$199,030
Liddicoat, Albert	NASA via Jet Propulsion Laboratory <i>Title: 70MHz Channel Emulator Specification</i>	\$50,000
Saghri, John A.	Raytheon Company <i>Title: Synthetic Aperture Radar Automatic Target Recognition for Ground Targets</i>	\$20,000

#### **Industrial & Manufacturing Engineering**

Alptekin, Sema	National Science Foundation (S-STEM) <i>Title: Centennial Scholars: Project Based Honors Research Program</i>	\$500,000
Crockett, Robert	California Space Authority via CA EDD via DOL <i>Title: Workforce Innovation Regional Economic Development Subcontract Agreement</i>	\$350,000

#### **Mechanical Engineering**

Carpenter, Thomas	NASA STTR via Rolling Hills Research Corp. <i>Title: Optimal Thrust Vectoring for an Annular Aerospike Nozzle</i>	\$330,000
Kean, Andrew	CA Air Resources Board via University of California, Berkeley <i>Title: On-Road Measurement of Light-Duty Gasoline and Heavy-Duty Diesel Vehicle Emission Trends</i>	\$44,540
Klisch, Stephen M.	National Science Foundation <i>Title: RUI: Analytical and Experimental Study of Articular Cartilage Growth in Vitro</i>	\$33,000
Schuster, Peter	American Iron and Steel Institute <i>Title: Global Adaptable Car Front Bumper Reinforcing Beam System</i>	\$9,000
Shollenberger, Kim	Solar Turbines Incorporated <i>Title: Effect of Upstream Blockage on the Airflow and Fuel Spray in an Air/Fuel Swirler</i>	\$12,000

#### **Minority Engineering Program**

Cantu, David	National Science Foundation via University of California, Office of the President - MESA <i>Title: NSF / MESA CSEMS Grant Program</i>	\$9,375
Cantu, David	University of California, Office of the President - MESA <i>Title: Mesa Schools Program 2006-2007</i>	\$100,000
Cantu, David	University of California <i>Title: MESA Schools Program 2007-2008</i>	\$58,750

# LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07 (CONT.)

## Engineering (Cont.)

### Center of Sustainability in Engineering (CSE)

Harding, Trevor	National Science Foundation <i>Title: A Holistic Assessment of the Ethical Development of Engineering Undergraduates</i>	\$181,669
Hanson, James	Anchorage Regional Landfill <i>Title: Monitoring Instrumentation for ARL Cell 4/5 Leachate Recirculation Basin</i>	\$8,723
Vanasupa, Linda	National Academy of Engineering <i>Title: Rigorous Research in Engineering Education</i>	\$20,000

### Environmental Biotechnology Institute (EBI)

Nelson, Yarrow M.	Chevron Environmental Management Company <i>Title: Chevron Master Agreement Task 2: Phytoremediation of Hydrocarbons Using an On-Site Container Study, Phase 2</i>	\$21,300
Nelson, Yarrow M.	Chevron Environmental Management Company <i>Title: Chevron Master Agreement Task 3: Hydrocarbon Biodegradation Kinetics with Anaerobic Electron Acceptors in Laboratory Microcosms, Year 2</i>	\$17,672
Nelson, Yarrow M.	Chevron Environmental Management Company <i>Title: Chevron Master Agreement Task 4: Investigation of Enhanced Hydrocarbon Natural Attenuation at a Wetland at the Former Guadalupe Oil Field</i>	\$43,404

### National Pool Industry Research Center (NPIRC)

Kachlakev, Damian I.	National Plasterers Council Inc. <i>Title: Durability of Plastered Swimming Pools - Phase Four</i>	\$228,386
----------------------	---	-----------

## Liberal Arts

### Cal Poly Arts

Wilt, Peter	San Luis Obispo, City of (PCC) <i>Title: Poly Arts for Youth (06/07)</i>	\$2,000
-------------	---	---------

### Graphic Communication

#### Graphic Communications Institute (GrCI)

Levenson, Harvey	Various Sponsors <i>Title: Fee-for-Service Agreement, GrCI</i>	\$73,926
Levenson, Harvey	Newspaper Association of America <i>Title: Print Tech/Press Operator I Training Course</i>	\$21,000
Levenson, Harvey	CA Integrated Waste Management Board <i>Title: Education and the Environment Initiative Curriculum</i>	\$495,000

### Liberal Studies

#### Central Coast Center for Arts Education (CCCAE)

Duffy, Susan	CA Arts Council <i>Title: K-12 Arts Education in San Luis Obispo County</i>	\$2,000
Duffy, Susan	The Orfalea Fund <i>Title: Cal Poly/Peoples' Self-Help Housing K-8 Mentored Learning in the Arts Initiative</i>	\$35,000

# LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07 (CONT.)

## Liberal Arts (Cont.)

### Liberal Studies (Cont.)

#### Central Coast Center for Arts Education (CCCAE) (Cont.)

Duffy, Susan	Dana Foundation <i>Title: Illuminating Shadows: Introducing Storytelling and Shadow Puppetry to a New Generation (Phase II)</i>	\$25,000
Duffy, Susan	CA Arts Council <i>Title: Planning Grant for Artists in Schools with Pleasant Valley Joint Unified School District</i>	\$2,500

#### Psychology & Child Development

Burn, Shawn	U.S. Dept of Agriculture (Forest Service) <i>Title: Evaluation of the Behavioral Intervention Handbook for Natural Resource Managers</i>	\$7,000
-------------	---	---------

#### Social Sciences

Jones, Terry	CA Dept of Transportation (Caltrans) via CSU Sacramento Foundation <i>Title: Collection Catalog Verification Report / Summary of Collection Constituents / Collection Catalog</i>	\$79,390
--------------	--	----------

#### Institute for Policy Research (IPR)

Shepherd, Linda	Community Link <i>Title: Youth Resource Mapping Project</i>	\$3,197
-----------------	--	---------

## Science & Mathematics

### Biological Sciences

Adams, Nikki	CSUPERB: CSU Faculty-Student Collaborative Research Seed Grant Program <i>Title: Mass Spectroscopy Analysis of Effects of Ultraviolet Radiation on the Proteome of Sea Urchin Embryos</i>	\$13,500
Adams, Nikki	National Science Foundation (REU) <i>Title: Molecular Effects of Ultraviolet Radiation on the Cell Cycle and Development of Sea Urchins</i>	\$6,000
Elrod, Susan	National Science Foundation (CCLI) <i>Title: Literature-Based Scientific Learning in Genetics</i>	\$131,678
Holland, V. L.	Union Asphalt Inc. <i>Title: Rocky Canyon Revegetation and Monitoring</i>	\$238,116
Moline, Mark	National Science Foundation <i>Title: Collaborative Research: Lagrangian Studies of the Transport, Transformation, and Biological Impact of Nutrients and Contaminant Metals in an Estuarine Plume.</i>	\$59,944
Moline, Mark	U.S. Dept of the Navy, Office of Naval Research <i>Title: Quantification of Littoral Bioluminescence Structure and Induced Water Leaving Radiance</i>	\$123,256
Moline, Mark	NOAA via SJSU Foundation Moss Landing Marine Laboratories <i>Title: Yr 3: Validation of Hyperspectral Remote Sensing along the Central California Coast and Development of a Coastal Marine Information System</i>	\$188,045
Moline, Mark	National Science Foundation via University of California, San Diego <i>Title: ITR: COLLABORATIVE RESEARCH: (ASE)-(DMC+INT+SIM): Designing the Next Generation CI to Operate Interactive Ocean Observatories</i>	\$50,000

## LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07 (CONT.)

### Science & Mathematics (Cont.)

#### Biological Sciences (Cont.)

Moline, Mark	CA State Coastal Conservancy, via Scripps Institution of Oceanography <i>Title: The Southern California Coastal Current Observing System (Radar Component)</i>	\$12,970
Moline, Mark	U.S. Dept of the Navy, Office of Naval Research via Rutgers University <i>Title: Rapid Environmental Assessment Using an Integrated Coastal Ocean Observation and Modeling System</i>	\$30,942
Moline, Mark	NOAA via Scripps Institution of Oceanography <i>Title: SCCOOS: Shelf to Shoreline Observatory Development</i>	\$59,400
Moline, Mark	U.S. Dept of the Navy, Office of Naval Research via WET Labs, Inc. <i>Title: An Underwater Bioluminescence Assessment Tool (UBAT)</i>	\$72,753
Moline, Mark	U.S. Dept of the Navy, Office of Naval Research (DRI) <i>Title: UUV Operations to Characterize Circulation and Morphology of Tidal Flats</i>	\$29,018
Moline, Mark	NASA via Jet Propulsion Laboratory <i>Title: Demonstration of Direct Measurement of Ocean Surface Currents</i>	\$45,953
Pilliod, David	U.S. Geological Survey <i>Title: Field Sampling of Movements of Columbia Spotted Frogs in the Bighorn Crags, Idaho (Originally: Monitoring Amphibians in Idaho on U.S. Forest Lands: The Importance of Landscape Connectivity for Amphibian Conservation)</i>	\$32,081
Pilliod, David	U.S. Geological Survey <i>Title: Field Sampling of Movements of Columbia Spotted Frogs in the Bighorn Crags, Idaho (Originally: Monitoring Amphibians in Idaho on U.S. Forest Lands: The Importance of Landscape Connectivity for Amphibian Conservation)</i>	\$3,000
Pilliod, David	U.S. Dept of Agriculture (Forest Service) <i>Title: Post-Fire Recovery of Stream Amphibians, Benthic Macroinvertebrates and Riparian Vegetation in a Federally Designated Wilderness</i>	\$10,000
Tomanek, Lars	CSUPERB: CSU Faculty-Student Collaborative Research Seed Grant Program <i>Title: Analysis of the Ciona Intestinalis Stress Proteome with Differential Gel Electrophoresis (DIGE)</i>	\$13,500
Villablanca, Francis	U.S. Fish and Wildlife Service via CA Department of Fish and Game <i>Title: Morphological and Genetic Divergence of Morro Bay Kangaroo Rat</i>	\$9,800
Wendt, Dean	U.S. Dept of the Navy, Office of Naval Research <i>Title: Research &amp; Development of Advanced Non-Toxic Coatings: Laboratory-Based Experiments Using Barnacles and Bryozoans</i>	\$141,001
Wendt, Dean	CA State Coastal Conservancy <i>Title: Elucidating the Nexus of Science and Society in the Morro Bay Ecosystem</i>	\$500,000
Wendt, Dean	U.S. Dept of the Navy, Office of Naval Research <i>Title: Field and Laboratory Testing of Emergent Marine Coatings for the Center for Nanoscale Science and Engineering at North Dakota State University</i>	\$42,000
Yoshimura, Michael	U.S. Dept of Agriculture (Forest Service) <i>Title: Monitoring Stibnite Stream Restoration</i>	\$9,993



# LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07 (CONT.)

## Science & Mathematics (Cont.)

### Chemistry and Biochemistry

Fantin, Dennis	U.S. Environmental Protection Agency via MedStar Health, Inc. <i>Title: Project Climate Query: Database and Tools for Investigation of Climate-Mediated Human Disease</i>	\$195,728
Fantin, Dennis	True North Foundation <i>Title: Access Chemistry: An Adaptive Laboratory Chemistry Workshop for Students with Vision Impairments</i>	\$12,000
Fernando, Raymond	Boeing Company, The <i>Title: Study for the Development of a Sealant Detackifier</i>	\$50,000
Fernando, Raymond	BYK-Chemie USA, Inc. <i>Title: Understanding Mechanisms of Coating Scratch Resistance Improvements by Inorganic Nanoparticles</i>	\$50,000
Fernando, Raymond	National Institutes of Standards and Technology (NIST) <i>Title: NIST Student Internship: Dispersion of Nanoparticles</i>	\$4,556
Immoos, Chad E.	U.S. Dept of the Army, Army Research Office, Young Investigators Program <i>Title: Reagentless Methods for Electrocatalytic DNA Detection</i>	\$98,974
Jones, Dane	Engineered Polymer Solutions, Inc. / Color Corporation of America <i>Title: Comparative VOC Analysis in Resins and Coatings Formulated With a Novel Coalescing Aid</i>	\$2,500
Jones, Dane	Portland Metro <i>Title: Sample Testing for Portland Metro</i>	\$3,200
Kantorowski, Eric	American Chemical Society - Petroleum Research Fund <i>Title: Influence of the Ring Size and Substituents on the Cyclopropylcarbinyl Radical Fragmentation</i>	\$40,000

### Mathematics

Agronsky, Steven	University of California <i>Title: Mathematics Diagnostic Testing Project (MDTP) 2003-2004</i>	\$24,711
Grundmeier, Todd	National Science Foundation <i>Title: Robert Noyce Scholarship Program</i>	\$423,142

### Physics

Gillen, Glen	U.S. Air Force via General Dynamics Information Technology, Inc. <i>Title: Refractive Index and Thermo-Optic Coefficient Measurements of Materials in the Near-Infrared Regime</i>	\$100,886
Gutierrez, Thomas	National Science Foundation <i>Title: RUI: A Search for Neutrinoless Double Beta Decay in Tellurium Using the Cuoricino Detector</i>	\$74,609
Hoellwarth, Chance	American Physical Society <i>Title: The Cal Poly Plan for Training Future Teachers in Physics</i>	\$7,221
Klay, Jennifer	National Science Foundation <i>Title: RUI: Jet Tomography of Compressed Nuclear Matter with the ALICE Experiment at the LHC</i>	\$141,023
Saenz, Richard	National Science Foundation via University of Wisconsin at Madison <i>Title: Paleomagnetic Study of Transitional Fields Recorded Throughout the Cenozoic by Australasian Lavas</i>	\$5,650
Saunders, Karl	Research Corporation (Cottrell College Science Awards) <i>Title: Theoretical Study of "de Vries" Smectic Liquid Crystals</i>	\$33,220

## LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07 (CONT.)

### Science & Mathematics (Cont.)

#### Statistics

Rossman, Allan	National Science Foundation (CCLI) <i>Title: Concepts of Statistical Inference: A Randomization-Based Curriculum</i>	\$149,842
----------------	---	-----------

#### Environmental Biotechnology Institute (EBI)

Cano, Raul	Various Sponsors <i>Title: Fee-for-Service Agreement, EBI</i>	\$36,378
------------	--	----------

Kitts, Christopher L	Chevron Environmental Management Company <i>Title: Chevron Master Agreement Task 1: Microbiology Support for Guadalupe Projects</i>	\$38,865
----------------------	--	----------

Kitts, Christopher L	Chevron Environmental Management Company <i>Title: Chevron Master Agreement Task 5: Bacterial Community Dynamics During Phytoremediation at C8 and O13</i>	\$3,741
----------------------	---	---------

#### University Center for Excellence in Mathematics and Science Education (UCESaME)

Cichowski, Robert	U.S. Dept of Energy via Lawrence Livermore National Laboratory <i>Title: Aspiring Science Teacher Research Pilot Project</i>	\$72,225
-------------------	---	----------

Riley, Kate	CA Dept of Education via Santa Maria-Bonita School District <i>Title: Central Coast Mathematics and Science Project</i>	\$600,070
-------------	--	-----------

### Student Affairs

#### Student Academic Services

Margarito, Cesar	U.S. Dept of Education <i>Title: Student Support Services Program (2005- 2010)</i>	\$275,426
------------------	---	-----------

Olvera, Nelda	U.S. Dept of Education <i>Title: Talent Search Program (2002- 2006)</i>	\$220,000
---------------	--	-----------

Sparling, Susan	U.S. Dept of Education <i>Title: Cal Poly Upward Bound Project (2003-2008)</i>	\$376,236
-----------------	---	-----------

#### Student Life & Leadership

Bruce, Lisa K.	San Luis Obispo, City of (PCC) <i>Title: Cal Poly Open House 2007</i>	\$2,200
----------------	--	---------

Lamb, Stephan	CA Service Corps <i>Title: Central Coast Volunteer Corps</i>	\$271,539
---------------	---	-----------

Lamb, Stephan	AmeriCorps via Sonoma State University <i>Title: California's PROMISE (Pooling Regional Opportunities Maximizes Intensive Service Enhancement)</i>	\$57,903
---------------	---	----------

Lamb, Stephan	AmeriCorps via Sonoma State University <i>Title: California's PROMISE (Pooling Regional Opportunities Maximizes Intensive Service Enhancement)</i>	(\$23,157)
---------------	---	------------

Lamb, Stephan	San Luis Obispo County <i>Title: San Luis Obispo County Homeless Enumeration Project, Phase II</i>	\$2,600
---------------	---	---------

Lamb, Stephan	Various Non-Profit Organizations <i>Title: Central Coast Volunteer Corps Partners</i>	\$62,975
---------------	--	----------

Lamb, Stephan	Various Non-Profit Organizations <i>Title: Central Coast Volunteer Corps Partners</i>	\$20,275
---------------	--	----------

Pedersen, Joy	San Luis Obispo County Probation Department <i>Title: AmeriCorps PROMISE Fellows ICD Tutoring</i>	\$7,475
---------------	--	---------

Pedersen, Joy	United Way of San Luis Obispo County <i>Title: AmeriCorps PROMISE Fellows</i>	\$9,093
---------------	--	---------

# LIST OF SPONSORED PROJECTS FUNDED IN FY 06/07 (CONT.)

## Academic Affairs

### Honors Program

Alptekin, Sema E.	CSU Chancellor's Office Community Service Learning <i>Title: Service-Learning Curriculum and Infrastructure Development Initiative (Allocation Process 2006-2007)</i>	\$48,000
Alptekin, Sema E.	CA Campus Compact <i>Title: Civic Engagement and Advanced Service-Learning for Faculty</i>	\$4,000

### Library

Montgomery, Wayne	CSU Information Literacy Initiative <i>Title: CSU Information Competence Grant Proposal: A Library/CAED Partnership</i>	\$7,300
-------------------	--	---------

### Research & Graduate Programs

Opava, Susan	Economic Development Administration <i>Title: Cal Poly Technology Park Initiative - EDA Support for Building Construction</i>	\$1,800,000
Opava, Susan	U.S. Dept of the Navy, Office of Naval Research <i>Title: The California Central Coast Research Partnership: Building Relationships, Partnerships and Paradigms for University-Industry Research Collaboration</i>	\$3,023,000

## Other

### Performing Arts Center

Regier, Ron	San Luis Obispo, City of (PCC) <i>Title: Youth Outreach for the Performing Arts Center (YOPAC)</i>	\$2,500
-------------	---	---------

### University Police Department

Jordan, Donna	U.S. Dept of Justice, Office of Justice Programs via CA Office of Emergency Services <i>Title: Bulletproof Vest Partnership 2005-06</i>	\$298
Jordan, Donna	CA Office of Homeland Security, Office of Emergency Services via CSU Chancellor's Office <i>Title: Homeland Security Grant Program for 2005-06</i>	\$25,000
Jordan, Donna	U.S. Dept of Justice, Office of Justice Programs via CA Office of Emergency Services <i>Title: Bulletproof Vest Partnership 2006</i>	\$1,405
Jordan, Donna	CA Office of Homeland Security, Office of Emergency Services via CSU Chancellor's Office <i>Title: Homeland Security Grant Program for 2006-07: Increasing Communications Interoperability With Allied Emergency Response Partners</i>	\$20,000
Jordan, Donna	CA Office of Traffic Safety (OTS) via Paso Robles Police Department <i>Title: AVOID the 14 DUI Campaign - San Luis Obispo County</i>	\$5,584
Jordan, Donna	CA Office of Traffic Safety (OTS) <i>Title: CLICK IT OR TICKET Seat Belt Enforcement Program 2007</i>	\$4,561

**Number of Awards: 235**

**Award Total: \$22,026,202**

## FACULTY/STAFF PARTICIPATING IN PROPOSAL SUBMISSION FY 06/07

Name	Department	Name	Department
Adams, Nikki	Biological Sciences	Francis, Hunter	Horticulture & Crop Science
Alptekin, Sema E.	Honors Program	Franklin, Diana	Computer Science
Arakaki, Dean	Electrical Engineering	Freed, Tali	Industrial & Manufacturing Engineering
Axelroth, Elie	Health & Psychological Services	Freeman, Beau	BioResource & Agricultural Engineering
Bailey, Christina	Chemistry & Biochemistry	French, Brian	Facility Services
Barber, Clifford	Industrial Technology	Friend, Kathleen	Liberal Studies
Beckett, Jonathon	Animal Science	Garcia, Antonio	Physics
Berber-Jimenez, M. Dolores	Chemistry & Biochemistry	Garner, Lauren	Horticulture & Crop Science
Berning, Leanne	Dairy Science	Gaudi, Franklin	Irrigation and Training Research Center
Biezdad, Daniel	Aerospace Engineering	Gentilucci, James	Graduate Studies in Education
Birdsong, Charles	Mechanical Engineering	Gerfen, Jeffrey	Electrical Engineering
Black, Michael	Biological Sciences	Gerhardt, James	Mechanical Engineering
Boswell, Michael	City & Regional Planning	Gharibyan, Hasmik	Computer Science
Bremer, Walter	Landscape Architecture	Gill, Samantha	Natural Resources Management
Brown, J Wyatt	Horticulture & Crop Science	Gillen, Glen	Physics
Bruce, Lisa K.	Student Life & Leadership	Goel, Rakesh	Civil & Environmental Engineering
Burd, Matthew	Animal Science	Goldenberg, Marni	Natural Resources Management
Burgoa, Benali	BioResource & Agricultural Engineering	Gonzalez, Luis	Student Academic Services
Burt, Charles	Irrigation Training & Research Center	Gragson, Derek	Chemistry & Biochemistry
Busby, Kim	Environmental Health & Safety	Greenwood, Jerusha	Natural Resources Management
Bush, Seth	Chemistry & Biochemistry	Grundmeier, Todd	Mathematics
Cantu, David	Minority Engineering Program	Gutierrez, Thomas	Physics
Carpenter, Thomas	Mechanical Engineering	Guyader, Andrew	Architectural Engineering
Carroll, Jennifer	Chemistry & Biochemistry	Hall, Michael	Animal Science
Ceaser, Lisbeth	Education	Hamilton, Lynn	Agribusiness
Chance, Beth L.	Statistics	Hampson, Brian	Food Science & Nutrition
Chen, Katherine C.	Materials Engineering	Hanson, James	Civil & Environmental Engineering
Choboter, Paul	Mathematics	Harding, Trevor	Materials Engineering
Cichowski, Robert	Chemistry & Biochemistry	Haungs, Michael	Computer Science
Clark, Christopher	Computer Science	Headrick, David	Horticulture & Crop Science
Costello, Michael J	Horticulture & Crop Science	Hendricks, William	Natural Resources Management
Crockett, Robert	Industrial & Manufacturing Engineering	Hernandez, Anita	Teacher Education
Cummings, Robert	Agricultural Education	Herter, Roberta	Graduate Studies in Education
Curto, Michael	Biological Sciences	Hillers, Kenneth	Biological Sciences
Daniels, Denise H.	Psychology & Child Development	Himelblau, Edward	Biological Sciences
Davis, Steven	Kinesiology	Hockaday, Stephen	Civil & Environmental Engineering
Davol, Andrew	Mechanical Engineering	Hoffman, Kenneth	Physics
Del Rio Nascimento, Vicente	City & Regional Planning	Holland, V. L.	Biological Sciences
Delmore, Robert	Animal Science	Howard, Zeljka Pavlovich	City & Regional Planning
Derickson, Dennis	Electrical Engineering	Howes, Daniel	Irrigation & Training Research Center
Dicus, Christopher A.	Natural Resources Management	Hughes, William	Materials Engineering
Dietterick, Brian	Natural Resources Management	Humphrey, Brooke	Animal Science
Djassemi, Manocher	Industrial Technology	Immoos, Chad E.	Chemistry & Biochemistry
Doi, James	Statistics	Jacobs, Jeffrey A.	Natural Resources Management
Dong, Kevin	Architectural Engineering	Jackson, Barbara	Construction Management
Doyle, D. Gregg	City & Regional Planning	Janzen, David	Computer Science
Duffy, Susan	Liberal Studies	Jaster, Edwin	Dairy Science
Elrod, Susan	Biological Sciences	Jimenez-Flores, Rafael	Dairy Products Technology Center
Eltzroth, Thomas	Horticulture & Crop Science	Jin, Xiaomin	Electrical Engineering
Fantini, Dennis	Chemistry & Biochemistry	Jirka, Amy	Natural Resources Management
Farkye, Nana	Dairy Products Technology Center	Jones, Dane	Chemistry & Biochemistry
Fernsler, Jonathan	Physics	Jordan, Donna	University Police Department
Fidopiastis, Pat	Biological Sciences	Kachlakev, Damian I.	Civil & Environmental Engineering
Fiegel, Gregg	Civil & Environmental Engineering	Kean, Andrew	Mechanical Engineering
Fisher, Eric	Economics	Kelly, Shaun F	BioResource & Agricultural Engineering
Flores, Robert A.	Agricultural Education	Ketcham, Gary	Farm Operations

## FACULTY/STAFF PARTICIPATING IN PROPOSAL SUBMISSION FY 06/07

Name	Department	Name	Department
Khalil, Hany	Food Science & Nutrition	Ritter, Matthew	Biological Sciences
Kitts, Christopher L.	Biological Sciences	Rosenberg, Lou	Graduate Studies in Education
Klay, Jennifer	Physics	Ruehr, Thomas	Earth & Soil Sciences
Klisch, Stephen M.	Mechanical Engineering	Saenz, Richard	Physics
Konopak, Bonnie	Education	Saghri, John A.	Electrical Engineering
Lamb, Stephan	Student Life & Leadership	Saliklis, Edmond	Architectural Engineering
Lehr, Corinne	Chemistry & Biochemistry	Saunders, Karl	Physics
Lemieux, Patrick	Mechanical Engineering	Savage, Richard	Materials Engineering
Leon, Ramon G.	Horticulture & Crop Science	Schuster, Peter	Mechanical Engineering
Levenson, Harvey	Graphic Communications	Self, Brian	Mechanical Engineering
Liddicoat, Albert	Electrical Engineering	Sena, James	Industrial Technology
Lillis, Hunter	Cal Poly Arts	Shaban, Ali	Electrical Engineering
Lundquist, Trygve	Civil & Environmental Engineering	Sharpe, John P.	Physics
Lynn, Abraham	Architectural Engineering	Shelton, Mark	College of Agriculture
MacCarley, C. Arthur	Electrical Engineering	Shepherd, Linda	Political Science
MacDougall, Neal	Agribusiness	Shollenberger, Kim	Mechanical Engineering
Mackin, Thomas	Mechanical Engineering	Siembieda, William	City & Regional Planning
Magnusson, Shirley	Teacher Education	Singh, Jagjit	Industrial Technology
Mark, Walter	Natural Resources Management	Sklar, Jeffrey	Statistics
Marlier, John	Chemistry & Biochemistry	Slivovsky, Lynne	Electrical Engineering
Marshall, David D.	Aerospace Engineering	Sparling, Susan	Student Academic Services
Mastin, Tom B.	BioResource & Agricultural Engineering	Strohman, Rollin	BioResource & Agricultural Engineering
McCorkle, Robert	Agribusiness	Styles, Stuart	BioResource & Agricultural Engineering
McDaniel, Cole	Architectural Engineering	Sullivan, Edward	Civil & Environmental Engineering
McDonald, Robert	Aerospace Engineering	Sutliff, Michael	Kinesiology
Mitra, Sudeshna	Civil & Environmental Engineering	Szlavik, Robert	Biomedical and General Engineering
Moline, Mark	Biological Sciences	Taufik	Electrical Engineering
Montelongo, Jose	Library	Taylor, Emily	Biological Sciences
Montgomery, Wayne	Library	Thatcher, Tracy	Civil & Environmental Engineering
Moss, Robb	Civil & Environmental Engineering	Thorncroft, Glen E.	Mechanical Engineering
Mulligan, Patricia	Teacher Education	Tilley, Marcia L.	Agribusiness
Murray, William R.	Mechanical Engineering	Toker, Umut	City & Regional Planning
Nafisi, Ahmad	Electrical Engineering	Tomanek, Lars	Biological Sciences
Neff, Grace Ann	Chemistry & Biochemistry	Tong, Phillip	Dairy Products Technology Center
Nelson, Yarrow M.	Civil & Environmental Engineering	Topping, Kenneth C.	City & Regional Planning
Niku, Saeed	Mechanical Engineering	Turner, Dan	Natural Resources Management
Noori, Mohammad	College of Engineering	Vakalis, Ignatios	Computer Science
Nuworsoo, Cornelius	City & Regional Planning	Vanasupa, Linda	Materials Engineering
Olsen, Eric	Industrial Technology	Vassey, Terry L.	Horticulture & Crop Science
Opava, Susan	Research & Graduate Programs	Vilkitis, James	Natural Resources Management
Pal, Nirupam	Civil & Environmental Engineering	Vorst, Keith	Industrial Technology
Pan, Jianbiao	Industrial & Manufacturing Engineering	Waldorf, Daniel	Industrial & Manufacturing Engineering
Parks, Dennis	Continuing Education	Wang, Fei	Electrical Engineering
Patterson, W. Keith	Horticulture & Crop Science	Waters, Mark H.	Aerospace Engineering
Patton, J. Scott	Mechanical Engineering	Watton, William	University Police Department
Peck, Roxy	Statistics	Weisenberger, Gary	BioResource & Agricultural Engineering
Pedersen, Joy	Student Life & Leadership	Welch, Mark	Horticulture & Crop Science
Peterson, Daniel	Animal Science	Wendt, Dean	Biological Sciences
Phillips, John	Horticulture & Crop Science	Widmann, James	Mechanical Engineering
Piao, Xianshu	Irrigation Training and Research Center	Wilt, Peter	Cal Poly Arts
Piirto, Douglas	Natural Resources Management	Winstead, Candace	Biological Sciences
Pilliod, David	Biological Sciences	Wong, Jeffrey C.	Horticulture & Crop Science
Plummer, William	Animal Science	Wood, Zoe	Computer Science
Pohl, Jens	Architecture	Yeung, Marie	Biological Sciences
Puig-Suari, Jordi	Aerospace Engineering	Yoshimura, Michael	Biological Sciences
Ratzlaff, Charlotte	Teacher Education	Yu, Xiao-Hua (Helen)	Electrical Engineering
Reaves, Scott	Food Science & Nutrition	Zhang, Xiaozheng (Jane)	Electrical Engineering
Regier, Ron	Performing Arts Center	Zohns, Mark	BioResource & Agricultural Engineering
Richison, Jeannine	English		
Riley, Kate	Mathematics		
Rinzel, Lawrence	Industrial & Manufacturing Engineering		

## OTHER SPONSORED PROJECT DATA

### AWARDS AND PROPOSALS BY CENTERS/INSTITUTES FY 06/07

<u>Center</u>	<u>AWARDS</u>	<u>PROPOSALS</u>
<i>CADRC (Collaborative Agent Design Research Center)</i>	\$604,382	\$2,999,090
<i>CCCAE (Central Coast Center for Arts Education)</i>	\$64,500	\$170,976
<i>CCCE (California Center for Construction Education)</i>	\$74,163	\$74,163
<i>CRI (Coastal Resources Institute)</i>	\$1,000	\$1,000
<i>CSE (Center for Sustainability in Engineering)</i>	\$210,392	\$1,170,126
<i>DPTC (Dairy Products Technology Center)</i>	\$1,499,785	\$3,389,938
<i>EBI (Environmental Biotechnology Institute)</i>	\$161,360	\$124,982
<i>EPI (Electric Power Institute)</i>	\$0	\$164,025
<i>GrCI (Graphic Communication Institute)</i>	\$589,926	\$321,000
<i>IPR (Institute for Policy Research)</i>	\$3,197	\$1,100
<i>ITRC (Irrigation Training and Research Center)</i>	\$1,536,910	\$5,163,106
<i>NPIRC (National Pool Industry Research Center)</i>	\$228,386	\$238,073
<i>UCESaME (University Center for Excellence in Mathematics and Science)</i>	\$672,295	\$1,855,182
<i>UFEI (Urban Forest Ecosystem Institute)</i>	\$0	\$280,005
<b>TOTAL</b>	<b><u>\$6,743,321</u></b>	<b><u>\$15,952,766</u></b>

### STUDENT PARTICIPATION IN SPONSORED PROJECTS FY 06/07

Number of students employed on active sponsored projects	603
Hours worked by students on active sponsored projects	140,763
Average hourly wage	\$11.86
Expenditures for student employment on sponsored projects	\$1,670,019
Hours budgeted for student employment on new awards	242,786

## SUPPORT SERVICES

### The Grants Development Office (GDO)

The Grants Development Office is open between 7:30 am and 5:00 pm Monday through Friday including during quarter breaks and summer recess to assist you with the proposal preparation process. The pre-award staff can be reached at [grants@calpoly.edu](mailto:grants@calpoly.edu). Our web site located at <http://www.grants.calpoly.edu> contains information that will be helpful to you when preparing your proposals. The web site provides access to guidelines, policies and procedures, forms, rates, funding sources, and other important links.

### Sponsored Programs Information Network (SPIN)

Cal Poly subscribes to the Sponsored Programs Information Network (SPIN), a web-based funding opportunities service. This subscription provides a searchable database of public and private sources of funding for teaching, research, and training. SPINPlus is composed of three distinct elements: SPIN, a funding opportunities database; GENIUS, a CV/Bio-Sketch database; and SMARTS, an automated alerts system. SPIN provides up-to-date information on current national and international government and private funding sources, including fellowships, research grants, publication support, sabbatical support, curriculum development, and more. All of the data on SPIN are obtained directly from sponsoring agencies to ensure the integrity of the information. SPIN and other funding resources can be accessed from the Grants Development website at [http://www.grants.calpoly.edu/2\\_FundOpp.html](http://www.grants.calpoly.edu/2_FundOpp.html)

### Workshops and Training

The Grants Development Office offers workshops and training sessions on aspects of the grant application process, including the area of electronic submission. New faculty/staff orientations with an overview of services provided by the Grants Development and Sponsored Programs Office are offered several times throughout the year. Individual sessions as well as group sessions for departments may also be arranged on request. Contact GDO at **(805) 756-2982** to schedule a session.

### The Sponsored Programs Office (SPO)

The Sponsored Programs Office in the Cal Poly Corporation provides post-award services once your project has been funded. This includes post-award management support for sponsored projects and administration of Center and Institute accounts. External funding is often contingent upon adherence to legislative guidelines stipulated by sponsors as well as University and departmental regulations that require concentrated monitoring. The Sponsored Programs Office, in conjunction with the Grants Development Office, can help faculty navigate through these regulations. The SPO will also provide training to faculty in self-management reports required to track budgets for awarded projects. The Sponsored Program Office can be accessed at <http://www.cpfoundation.org/sponsoredprograms> or telephone **(805) 756-1123**.