

**California State University  
Dominguez Hills**

**2009/2010  
Annual Report**

**Office of Research  
and Funded Projects**

**Research  
Scholarship  
Creative Activity**

## **Acknowledgment**

The following individuals contributed to the development of this annual report for the Office of Research and Funded Projects (ORFP):

Craig Geber, Associate Director, ORFP

Geneva Williams, IRB Coordinator, ORFP

Gloria Mendez, Director of Grants and Contracts, CSUDH Foundation

## Introduction

The Office of Research and Funded Projects (ORFP) assists faculty with the identification of external funding sources from Federal, State and local agencies to support faculty and student research, scholarship, creative activity or to provide programs that advance the University mission. The office facilitates the preparation and submission of these proposals.

ORFP also coordinates two internal faculty award programs:

- The Foundation Proposal Development Program allocates funds derived from recovered facilities and administrative costs to faculty or staff for grant writing activities.
- The Provost's Research Opportunity Program (PROP) supports grant development activities by providing funds for faculty attending technical assistance workshops that will enhance their ability to successfully develop a competitive external proposal.

A third program, The Sally Casanova Memorial Research, Scholarship, and Creative Activities Awards Program (RSCAAP) is an annual distribution of seed funds from the Office of the Chancellor to Unit 3 faculty and has been a staple of the program for many years. However, funding for this program was suspended for the fiscal year 2009-2010.

The ORFP also coordinates the work of the Institutional Review Board that reviews proposals to use human subjects in research and oversees other areas of regulatory compliance. The office is part of the Division of Academic Affairs and reports to the Provost/Vice President through the Associate Vice President of the ORFP.

A summary of the accomplishments of the Office of Research and Funded Projects for the fiscal year July 1, 2009 - June 30, 2010 is reported on the following pages.

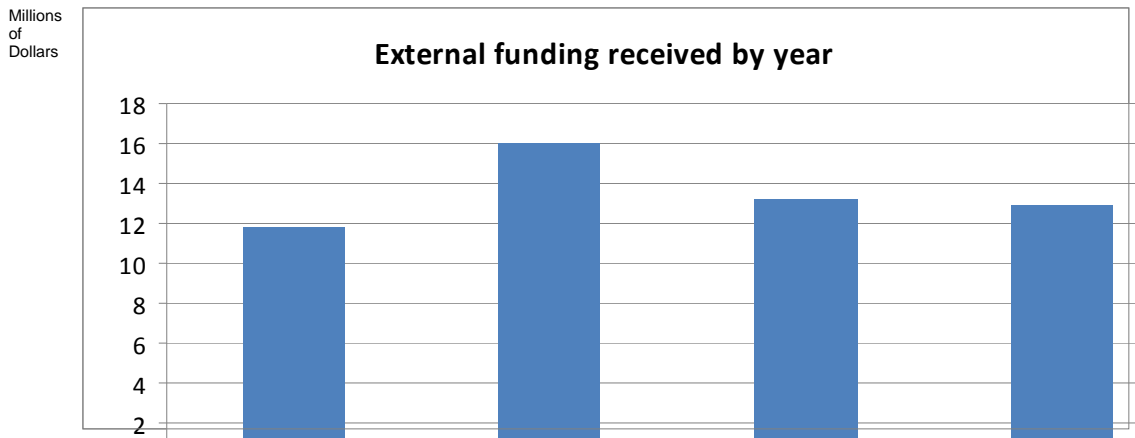
## Summary of External Funding Activity for Research, Scholarship, Creative Activity and Programs that Advance the University Mission

During fiscal year (FY) 2009-10, the Office of Research and Funded Projects assisted 122 members of the CSUDH faculty and staff to submit 58 new proposals. As of this writing (10-01-10), 17 of these proposals had been awarded funding.

At the end of the FY, there were a total of 75 external funded projects led by 44 faculty and staff members. The amount of external funding awarded to the University during the 2009-10 period was **\$14,707,839**. The university earned **\$1,539,292** in facilities and administrative costs, which represents a 11.69% return percentage on total direct costs.

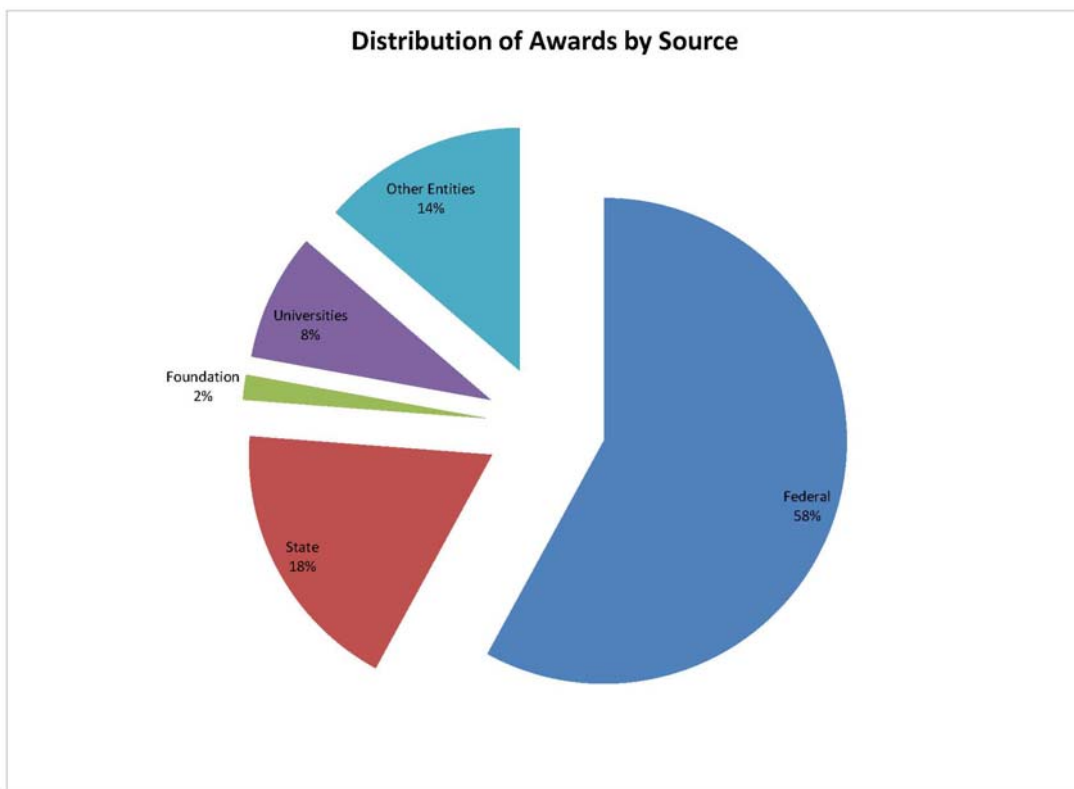
Figure 1 provides a comparison of funding amounts in dollars awarded to CSUDH over the last five years.

### Grant award activity over the last five years.



As compared to FY 2008-09, external funding in FY 2009-10 increased a robust 9.81% or \$1,176,638.

Funding of the University's 75 active projects is provided by a variety of sources including direct awards from federal agencies (i.e., National Institutes of Health, Department of Education), State agencies, private foundations, and other entities (mostly local school districts). Funding is also provided through subcontracts with other entities such as universities, colleges, and non-profit research organizations (i.e., the RAND Corporation and RTI International). Twenty-seven awards were derived from Federal sources, equaling 58% of the total dollars awarded, while other entities provided 18 awards (14%). Another 10 awards (8%) were provided by universities and colleges. CSUDH received 12 awards from the State (18%) and eight from private foundations (2%). Figure 1 summarizes the proportion of awards by source.



**Figure 1. Distribution of awards (in total dollars) by funding source for FY 2009—2010.**

## Source of External Awards

The following agencies provided either grant or contract support during FY 2009-2010. Multiple awards were received from some agencies.

### Federal Agencies

Americorps	National Geospatial Agency
Centers for Disease Control and Prevention	National Institutes of Health
Department of Transportation	National Science Foundation
Department of Education	Small Business Administration
Department of Homeland Security	National Endowment for the Humanities
Department of Energy	

### Other Entities

Hospital Council of Northern/Central CA	Lynwood Unified School District
Lennox Unified School District	Mental Health America LA
Long Beach Unified School District	RAND Corporation
Los Angeles Junior Chamber of Commerce	Shields for Families
Los Angeles Superior Court	Whittier School District
Los Angeles Unified School District	Jumpstart for Young Children, Inc.

### Universities and Colleges

CSU Long Beach	UC Berkeley
CSU San Bernardino	UCLA
CSU Sacramento	UC Office of the President
Mt. San Antonio College	University of Wisconsin
San Diego State University	Indiana University
Santa Monica College	

### State of California

California Commission on Teaching Credentialing	CA HIV/AIDS Research Project
CA Council for the Humanities	Office on Family Planning

### Foundations

Bernard Osher Foundation	Verizon
George Nolan Payton Foundation	Center for Learning Unlimited
Wenner Gren Foundation	Gilbert Foundation

## 2009-2010 Proposal Submissions by Academic Unit

University faculty and staff submitted 58 proposals through the Office of Research and Funded Projects in 2009-2010 as depicted below in Figure 2.

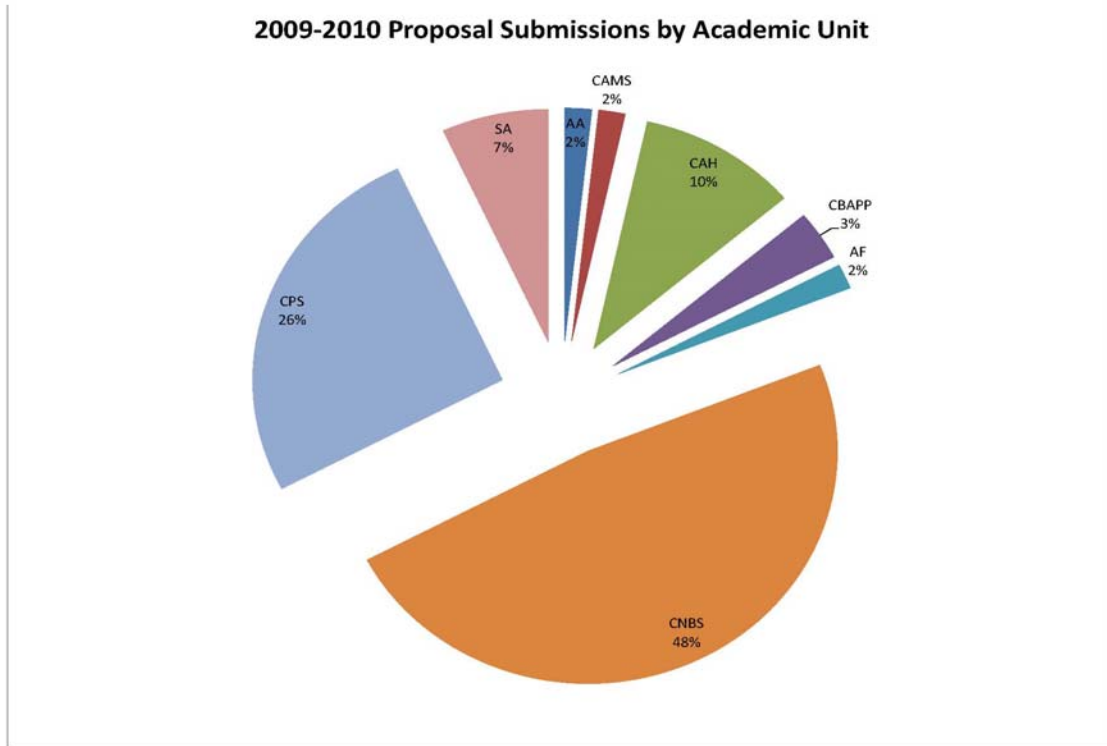


Figure 2. 2009-2010 proposal submissions by academic unit.

### Legend

AA	=Academic Affairs
AF	=Administration and Finance
CAMS	=California Academy of Math and Science
CAH	=College of Arts and Humanities
CBAPP	=College of Business Administration/Public Policy
CPS	=College of Professional Studies
SA	=Student Affairs

## Details of Grant Activity by Academic Unit 2009-2010

<b>Academic Unit</b>	<b>Total Proposals Submitted</b>	<b>FY 2009-10 Awards and Grants</b>	<b>Amount Funded</b>	<b>Funding % increase or decrease from prior FY</b>
<b>College of Arts and Humanities</b>	6	1	\$77,500	+67%
<b>College of Business Administration and Public Policy</b>	2	0	\$201,513	100%
<b>College of Extended and International Education</b>	1	1	\$50,000	-50%
<b>College of Natural and Behavioral Sciences</b>	28	8	\$3,614,360	+7%
<b>College of Professional Studies</b>	15	7	\$8,907,170	+13%
<b>Division of Academic Affairs</b>	1	1	\$239,364	+27%
<b>Division of Student Affairs</b>	3	2	\$877,931	+63%
<b>California Academy of Math and Science</b>	1	1	\$725,000	-3.4%
<b>University Library</b>	1	0	\$0	0%
<b>Division of Administration and Finance</b>	2	0	\$0	0%
<b>TOTAL</b>	<b>58</b>	<b>21</b>	<b>\$14,707,839</b>	<b>+9.81%</b>

The number of awarded grant proposals for 2009-2010 (21) may not reflect those which may have been or may be funded at the time this report was issued. Additionally, the 2009-2010 amount funded (\$14,707,839) includes monies for both new awards and existing awards in receipt of additional or incremental funding.



**List of submitted proposals and funded projects:  
FY 2009-2010**

### Division of Academic Affairs

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
<b>Cheryl McKnight</b>	Service Learning	Jumpstart 2010	Jumpstart, Inc.	Awarded	2,226	65,000

### College of Arts and Humanities

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
<b>Hansonia Caldwell</b>	Music	Jester Harrison: California's Voice of the Spiritual	California Council for the Humanities	Declined	700	7,000
<b>Lorna Fitzsimmons</b>	Interdisciplinary Studies	Faust on the Silent Screen	National Endowment for the Arts	Pending	N/A	25,200
<b>James Keville</b>	Art	CSUDH Ceramics at CSUDH	National Endowment for the Arts	Declined	15,624	104,524
<b>Jose Morin</b>	Chicana/o Studies	American Dream Center	Housing and Urban Development	Declined	59,155	200,000
<b>Vivian Price</b>	Interdisciplinary Studies	Virtual International Tradeswomen Archives Project (VITAP)	National Endowment for the Arts	Awarded	3,261	25,000
<b>Laura Talamante</b>	History	Early American History Seen through the Eyes of an Early American Family, 1780s -	National Endowment for the Humanities	Awarded	50,810	171,788

### College of Professional Studies

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
<b>Hilda Baca</b>	Teacher Education	CSUN Subaward to CSUDH	CSUN/US Dept. of Education	Pending	742	10,020
<b>Ann Chlebicki</b>	Graduate Education	School Leadership Program (CASLA)	US Department of Education	Awarded	143,901	1,347,605
<b>Jamie Dote-Kwan</b>	Teacher Education	An Evidence-based Emergent Literacy Curriculum for Toddlers with Visual Impairments	CSUN/Institute of Education Science	Pending	33,728	114,032
<b>Leena Furtado</b>	Graduate Education	Pathways to Academic, Personnel and Social Excellence (PAPSE)	US Department of Education	Declined	40,665	554,974
<b>Leena Furtado</b>	Graduate Education	Achieving Academic Literacy at Suva	California Post Secondary Education Comm.	Pending	8,870	285,316

### College of Professional Studies (continued)

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
<b>Kamal Hamdan</b>	Teacher Education	CSUDH Master Science Teaching Fellowship	National Science Foundation	Awarded	19,444	74,999
<b>Kamal Hamdan</b>	Teacher Education	Building a High Impact Transfer Academy	US Department of Education	Pending	N/A	775,000
<b>Pat Hinchberger</b>	School of Nursing	Advanced Education Nursing Traineeship	Health Resources Services Administration	Awarded	N/A	110,345
<b>Pat Hinchberger</b>	School of Nursing	Ensuring the Future of Clinical Nursing Leaders	Robert Wood Johnson Foundation	Declined	N/A	200,000
<b>Lisa Hutton</b>	Teacher Education	LA COE History Convocation Project	LA County Office of Education	Awarded	667	9,000
<b>Cheryl Jackson-Harris</b>	Clinical Sciences	Health Care Career Ladder High Growth Sector Initiative	Managed Career Solutions, Inc.	Awarded	1,538	40,000
<b>Vanessa Parker</b>		Working to Help our Adolescents Achieve (WHOAA)	California Department of Public Health	Awarded	5,568	127,000
<b>Terry Peralta</b>	Occupational Therapy	Assessing the Effectiveness of The Health Enhancement Lifestyle Program (HELP-Program) in Promoting Health and Well-Being among Hispanic Older Adults Living in Southern California	National Institutes of Health	Pending	106,354	359,577
<b>Sharon Russell</b>	Graduate Education	Urban Teacher Residency Program	US Department of Education	Awarded	54,855	748,992

### College of Natural and Behavioral Sciences

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
<b>Mohsen Beheshti</b>	Computer Science	Peer Led Pair Programming in Closed Laboratory (PLPPCL) for Introductory Computer Science Courses	National Science Foundation	Declined	22,079	96,246
<b>Mohsen Beheshti</b>	Computer Science	Integrated Fusion Environment for Geospatial Decision Support	National Geospatial Intelligence	Declined	44,271	149,678
<b>Ricky Bluthenthal</b>	Sociology	Understanding the Effects of Land-Use Regulation on the Built Environment and Crime	RAND/Robert Wood Johnson	Declined	9,285	86,663
<b>Ricky Bluthenthal</b>	Sociology	UCLA subcontract to CSUDH	UCLA/National Institutes of Health	Declined	19,922	69,356

## College of Natural and Behavioral Sciences (continued)

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
<b>Mohsen Beheshti</b>	Computer Science	Peer Led Pair Programming in Closed Laboratory (PLPPCL) for Introductory Computer Science Courses	National Science Foundation	Declined	22,079	96,246
<b>Mohsen Beheshti</b>	Computer Science	Integrated Fusion Environment for Geospatial Decision Support	National Geospatial Intelligence	Declined	44,271	149,678
<b>Ricky Bluthenthal</b>	Sociology	Understanding the Effects of Land-Use Regulation on the Built Environment and Crime	RAND/Robert Wood Johnson	Declined	9,285	86,663
<b>Ricky Bluthenthal</b>	Sociology	UCLA subcontract to CSUDH	UCLA/National Institutes of Health	Declined	19,922	69,356
<b>Antonia Boadi</b>	Computer Science	HS-STARTUP (Homeland Security Science, Technology and Research Training Undergraduate Program)	Department of Homeland Security	Awarded	232,197	762,668
<b>Antonia Boadi</b>	Computer Science	Network Distributed Multiagent Decision System (NOMADS)	Department of Homeland Security	Awarded	73,940	249,987
<b>H.K. Choi</b>	Biology	Bridges to the Doctorate at the IU School of Medicine	Indiana University/ Department of Health and Human Services	Awarded	6,102	98,810
<b>Ken Cullings</b>	Biology	Effects of artificial defoliation on soil fungal community structure and functional gene expression	National Science Foundation	Declined	31,219	156,716
<b>Ken Cullings</b>	Biology	Enhanced Biomass Conversion through Engineering of a Synthetic Cellulose	National Science Foundation	Declined	18,078	61,122
<b>Ken Cullings</b>	Earth Science	EAGER: Demonstrating an ectomycorrhizal role in binding woody substrate: A monoclonal antibody approach	National Science Foundation	Awarded	55,623	188,059

## College of Natural and Behavioral Sciences (continued)

<b>P.I./ P.D.</b>	<b>Department</b>	<b>Project Title</b>	<b>Funding Agency</b>	<b>Status</b>	<b>Indirect</b>	<b>Total</b>
<b>Rod Hay</b>	Earth Science	Schoolyard Habitat in a Box	U.S. Environmental Protection Agency	Declined	6,300	21,300
<b>Rod Hay</b>	Earth Science	CSUDH Yellowstone	NASA	Declined	43,183	209,272
<b>Terry McGlynn</b>	Biology	Curriculum Improvement Partnership Award for the Integration of Research into the Undergraduate Curriculum at CSU Dominguez Hills	National Aeronautics and Space Administration	Declined	23,639	141,834
<b>Jerry Moore</b>	Anthropology	An Integrated Suite of Non-Destructive Analytical Techniques for Archaeological Research and Research Training	National Science Foundation	Declined	10,079	145,717
<b>Jerry Moore</b>	Anthropology	An Integrative Suite of Non-Destructive Instruments for Archaeological Research and Undergraduate STEM Training	National Science Foundation	Declined	10,522	153,146
<b>Matt Mutchler</b>	Sociology	Gay Boy Talk: Cultural Contexts of Sexual Health Communication	California HIV/AIDS Research Program	Declined	17,012	85,258
<b>Ariana Pitchon</b>	Anthropology	Sustaining Fishing Communities by Enhancing Value in a Landings-Constrained Environment Enhancing Value in a Landings-Constrained Environment	National Oceanographic and Atmospheric Administration	Declined	12,391	98,886
<b>Laura Robles</b>	Biology	CSUDH Natural and Behavioral Sciences Core Research Facilities Renovation	National Institutes of Health	Declined	0	2,879,350
<b>Ashish Sinha</b>	Earth Sciences	Megadroughts	National Oceanographic and Atmospheric Administration	Declined	15,156	99,357

## College of Natural and Behavioral Sciences (continued)

<b>P.I./ P.D.</b>	<b>Department</b>	<b>Project Title</b>	<b>Funding Agency</b>	<b>Status</b>	<b>Indirect</b>	<b>Total</b>
<b>LaTanya Skiffer</b>	Sociology	SUCCESS program	Corporation for National and Community Service	Declined	3,063	61,289
<b>Carl Sneed</b>	Psychology	CSUDH Youth Empowerment Program	Department of Health and Human Services	Declined	71,743	299,310
<b>Carl Sneed</b>	Psychology	Parents and Children Talking: A Text-Message Intervention Strategy	National Institutes of Health	Declined	40,862	138,153
<b>Carl Sneed</b>	Psychology	Parents and Children Talking: A Text-Message Intervention Strategy	California HIV/AIDS Research Program	Awarded	20,639	103,196
<b>Tara Victor</b>	Psychology	A Pilot Study to Investigate the Feasibility and Utility of a Biologically-Based Somatic Psychotherapy for Treating PTSD Symptoms in OEF/OIF Veterans with Comorbid Chronic Pain	CSUPERB	Awarded	0	14,890
<b>Tara Victor</b>	Psychology	Mindfulness in the university classroom: The effect of mindful awareness practices (MAPs) on student psychological well-being and capacity for learning	Spencer Foundation	Declined	0	13,210
<b>Tieli Wang</b>	Chemistry and Biochemistry	CSUPERB: Development of Targeted Cancer Therapeutics Using Chlorambucil-siRNA Complex	CSUPERB	Declined	0	13,362
<b>Clare Weber</b>	Sociology	Immigrant Women's Community Work in the Global Port City of Long Beach, CA	Haynes Foundation	Pending	1,800	13,800

**College of Natural and Behavioral Sciences (continued)**

<b>P.I./ P.D.</b>	<b>Department</b>	<b>Project Title</b>	<b>Funding Agency</b>	<b>Status</b>	<b>Indirect</b>	<b>Total</b>
<b>Clare Weber</b>	Sociology	CSUDH Community Action Research Initiative	Sydney Spivack	Pending	0	2,995
<b>John Wilkins</b>	Mathematics	Project FAME	California Postsecondary Education Commission	Pending	16,719	293,718

**Division of Student Affairs**

<b>P.I./ P.D.</b>	<b>Department</b>	<b>Project Title</b>	<b>Funding Agency</b>	<b>Status</b>	<b>Indirect</b>	<b>Total</b>
<b>Sue Borrego</b>	EMSA	Encounter to Excellence	US Department Of Education	Awarded	0	523,330
<b>Sue Borrego</b>	EMSA	BEST Academy and Evening with Dominguez	Verizon Foundation	Awarded	0	15,100
<b>William Franklin</b>	EMSA	CSUDH Student Services Program	US Department of Education	Awarded	18,819	254,059

**University Library**

<b>P.I./ P.D.</b>	<b>Department</b>	<b>Project Title</b>	<b>Funding Agency</b>	<b>Status</b>	<b>Indirect</b>	<b>Total</b>
<b>Greg Williams</b>	Archives	Tradeswomen Archive Project (TAP)	National Endowment for the Humanities	Awarded	3,261	25,000

**California Academy of Math & Science (CAMS)**

<b>P.I./ P.D.</b>	<b>Department</b>	<b>Project Title</b>	<b>Funding Agency</b>	<b>Status</b>	<b>Indirect</b>	<b>Total</b>
<b>Janice Filer</b>	CAMS		Long Beach Unified School District	Awarded	50,000	675,000

## **2009-2010 ORFP Proposal Development Awards**

The Proposal Development Awards Program is administered by the Office of Research and Funded Projects. Intended to complement other university research award programs, the Proposal Development Program provides faculty and staff with support beyond that normally provided by the Office of Research and Funded Projects for the preparation of grant proposals to external agencies. Funding is derived from recovered Facilities and Administrative Costs returned to ORFP.

Information is available at: <http://www.csudh.edu/RF/rfpro11.htm>

**Terry McGlynn**  
**Ariana Pitchon**

**Matt Mutchler**

**Proposal submitted to the National Science Foundation**  
**Proposal submitted to the CSU Council on Ocean Affairs,  
Science and Technology (COAST)**  
**Proposal to be submitted to NIH in January 2011**



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