

**California State University
Dominguez Hills**

**2011/2012
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):

James Till, PhD, Associate Vice-President, ORFP

Craig Geber, Associate Director, 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 (when available) 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 (when available) for faculty attending technical assistance workshops that will enhance their ability to successfully develop a competitive external proposal.

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, 2011 - June 30, 2012 is reported on the following pages.

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

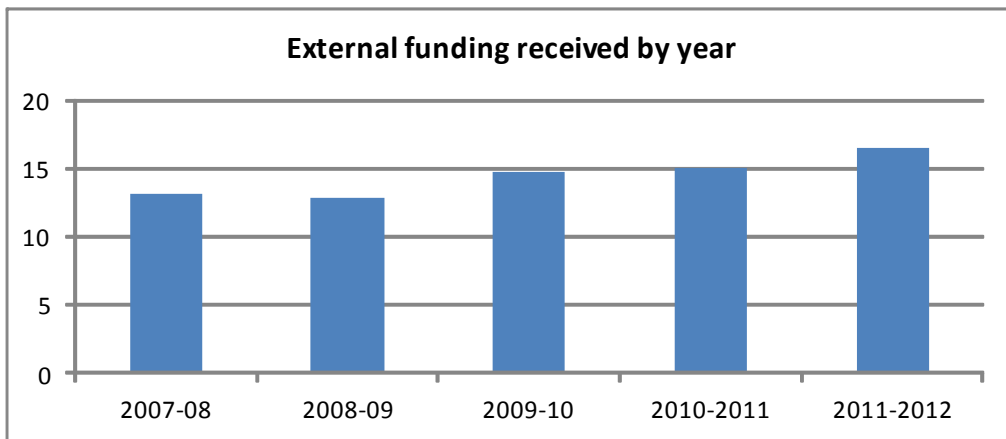
During fiscal year (FY) 2011-2012, the Office of Research and Funded Projects assisted CSUDH faculty and staff to submit 49 new proposals. As of this writing (10/23//2012), 16 of these proposals had been awarded funding.

At the end of the FY, there were a total of 128 active externally funded projects. The amount of external funding awarded to the University during the 2011-2012 period was **\$16,516,339**. The university earned **\$1,168,208** in facilities and administrative costs, which represents a 7.61% 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.

Millions
of Dollars



As compared to FY 2010-2011, external funding in terms of direct costs for FY 2011-2012 increased 9.1% or \$1,379,591.

Source of External Awards

The following agencies provided either grant or contract support during FY 2011-2012. 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	
Department of Health and Human Services	

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	Shields for Families
Los Angeles Junior Chamber of Commerce	Whittier School District
Los Angeles Superior Court	Jumpstart for Young Children, Inc.
Los Angeles Unified School District	

Universities and Colleges

CSU Long Beach	UC Berkeley
CSU San Bernardino	UCLA
CSU Sacramento	UC Davis
CSU Chancellor's Office	UC Office of the President
Mt. San Antonio College	University of Wisconsin
San Diego State University	Indiana University
Santa Monica College	Georgetown University
University of Houston/Downtown	

State of California

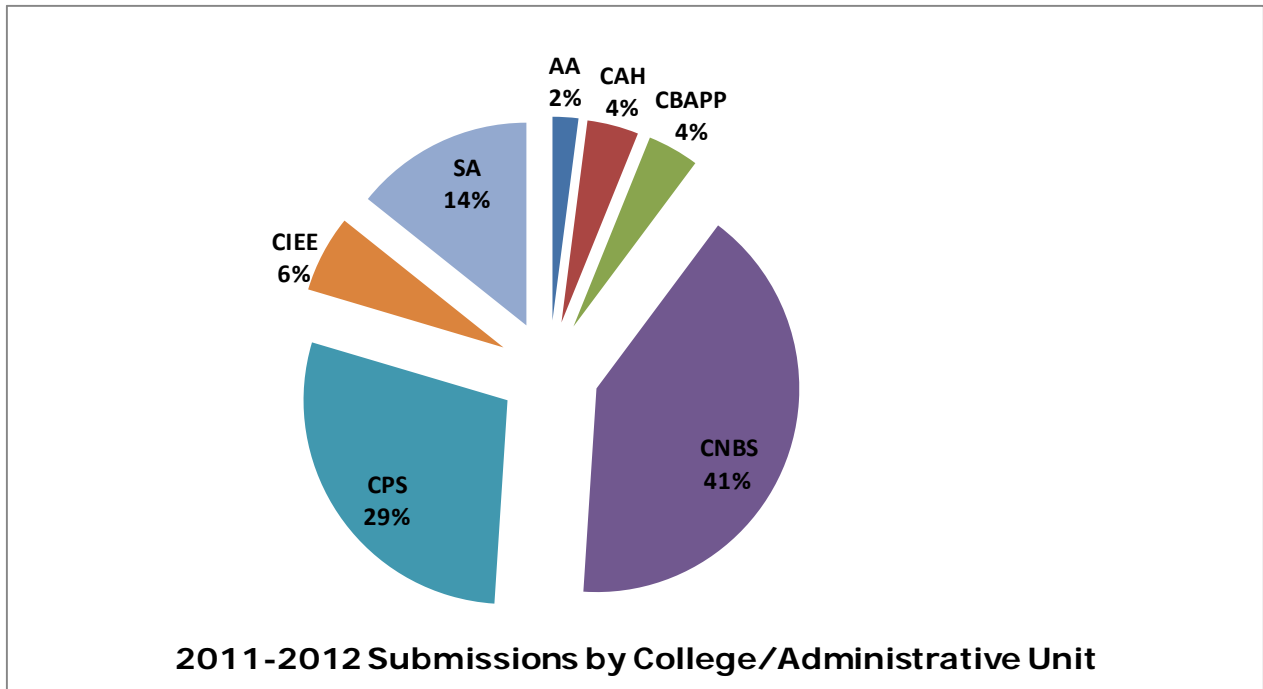
California Commission on Teaching Credentialing	CA HIV/AIDS Research Project
CA Council for the Humanities	Office on Family Planning

Foundations

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

2011-2012 Proposal Submissions by College/Administrative Unit

University faculty and staff submitted 49 proposals through the Office of Research and Funded Projects in 2011-2012 as depicted below.



Legend

AA	=Academic Affairs
CIEE	=College of International and Extended Education
CAH	=College of Arts and Humanities
CBAPP	=College of Business Administration/Public Policy
CNBS	=College of Natural and Behavioral Sciences
CPS	=College of Professional Studies
SA	=Student Affairs

**List of submitted proposals and funded projects:
FY 2011-2012**

Division of Academic Affairs

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Cheryl McKnight	Center for Service Learning	Justice Corps	Superior Court of California	Pending	\$0	\$37,470

College of Arts and Humanities

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Ericka Verba	History	NEH Awards for Faculty at Hispanic-Serving institutions	National Endowment for the Humanities	Pending	\$0	\$50,400
Laura Talamante	History	CSUDH Tournee Festival of French Films program	French American Cultural Exchange	Pending	\$0	\$1,800

College of Business Administration and Public Policy

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Kaye Bragg	CBAPP Dean's Office	Online Certificate and Applied Studies Program Targeted to Veterans, Service-Related Disabled Veterans and Disabled Students.	US Small Business Administration	Awarded	\$22,500	\$150,000
Myron Sheu	Information Systems Operations Management	A networking partnership between the two departments	CSU Chancellors Office	Pending	\$0	\$8,000

College of International and Extended Education

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Marge Gordon	CIEE	Transmissible Disease Vector Control	Georgetown	Funded	\$15,664	\$174,076
Marge Gordon	CIEE	Strengthening Rural Primary Education Central America/DR Teachers Program	Georgetown	Funded	\$15,664	\$174,076
Marge Gordon	CIEE	College Pathways Training Program: Serving Underserved Communities	CSU Chancellor	Pending	\$0	\$187,500

College of Natural and Behavioral Sciences

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Janine Gasco	Anthropology	Landmarks of American History and Culture	National Endowment for the Humanities	Pending	\$23,957	\$179,997
Carl Sneed	Psychology	Father Adolescent Sex Education: Family and Cultural Influences on Talking Strategies	National Institutes of Health	Pending	\$46,087	\$155,817
Alice Newman	Physics	Faculty Women in Scientific Leadership Roles	National Science Foundation	Declined	\$101,565	\$343,386
Ken Ganezer	Physics	Neutrino Physics, Baryon Number Non-Conservation, and Astrophysics at Super-Kamiokande, T2K, and Hyper-K	National Science Foundation	Declined	\$70,283	\$237,625
Matt Jones	Mathematics	Supporting Pedagogical Innovation for a Generation of Transformation via Inquiry-Based Learning in Mathematics (SPIGOT)	National Science Foundation	Awarded	\$20,344	\$48,438
Terry McGlynn	Biology	Pasadena ASK	National Science Foundation	Declined	\$19,176	\$125,711
Ken Cullings	Earth Science	CSUDH Environmental Engineering PD 12 1440	National Science Foundation	Pending	\$34,590	\$116,946
Brendan McNulty	Earth Science	AGUA CREST	National Science Foundation	Pending	\$205,737	\$916,287
Antonia Boadi	Computer Science	JUMPSTART	Office of Naval Research	Declined	\$47,885	\$190,546
Antonia Boadi	Computer Science	Nuclear Safety Applications of Autonomous Robots	Nuclear Regulatory Commission	To be awarded	\$29,577	\$180,000
Antonia Boadi	Computer Science	CSUDH MSEIP 2011	US Department of Education	Pending	\$17,677	\$238,504
John Wilkins	Mathematics	IMPACT	US Department Of Education	Awarded	\$12,946	\$249,691
John Price	Physics	Photoproduction of the Cascade Hyperons with the CLAS Detector at Jefferson Laboratory	US Department Of Energy	Pending	\$97,542	\$329,785
Giacomo Bono	Psychology	Expanding the Science and Practice of Gratitude	John Templeton Foundation	Awarded	\$13,423	\$102,909
Mohsen Beheshti	Computer Science	CI-YEAM Implementation Project: Minority-Serving Institutions (MSI) Empowerment Coalitions (MSI-CIEC)	University of Houston/National Science Foundation	Awarded	\$0	\$9,000

College of Natural and Behavioral Sciences (continued)

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Matthew Jones	Mathematics	UMOJA: Understanding Foundations and Mathematical Principles on the Journey to Algebra	California Department of Education	Pending	\$1,111	\$15,000
Terry McGlynn	Biology	CSUDH 2011 WRPI Program	CSU Chancellor's Office	Pending	\$0	\$22,657
Tieli Wang	Chemistry Biochemistry	Magnetic Resonance Study of Molecular Mechanism of Antifreeze Proteins	CSULA	Pending	\$17,923	\$73,838
John Wilkins	Mathematics	No Child Left Behind	University of California Office of The President	Pending	\$3,137	\$42,350
John Wilkins	Mathematics	CSUDH Mathematics Project	University of California Office of The President	Pending	\$3,137	\$42,350

College of Professional Studies

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Jamie Dote-Kwan	Teacher Education	Promoting Emergent Braille Literacy Skills in Toddlers with Visual Impairments through Interactive Shared Tactile	National Institute for Disability and Rehabilitation Research	Pending	\$9,385	\$61,523
Kelli Beard	Teacher Education	CSUDH OSEP 2012	US Department of Education	Pending	\$5,706	\$249,658
Lisa Hutton	Teacher Education	Creating a Blueprint for History and Social Science Education	California History Social Science Project	Pending	\$2,249	\$30,361
Carol Bittman	Social Work	Cal SWEC Field Instruction Initiative	California Social Work Education Center	Pending	\$0	\$25,000
Carol Bittman	Social Work	Title IV-E Stipend Program Field Instruction Initiative	California Social Work Education Center	Pending	\$0	\$23,991

College of Professional Studies (continued)

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Deandra Murrey	Teacher Education	The Math of Khan	Google, Inc.	Awarded	\$2,000	\$22,000
Cynthia Grutzik	Director, School of Education	Los Angeles Harbor College/Urban Teacher Fellowship subcontract	Los Angeles Harbor College	Awarded	\$990	\$13,366
Cheryl Jackson-Harris	Clinical Sciences	Health Care Career Ladder High Growth Sector Initiative	Managed care Solutions, Inc.	Awarded	\$0	\$90,000
Larry Ortiz	Social Work	Re-Integration of Ex-Offenders	Shields for Families/ Department of Labor	Pending	\$1,995	\$26,936
Larry Ortiz	Social Work	Regional Partnership Grant	Shields for Families/ Department of Labor	Pending	\$1,995	\$26,936
Lisa Hutton	Teacher Education	The History Project at CSU Long Beach and CSUDH	UC Davis	Awarded	\$1,687	\$22,771
Brian Ruhe	Orthotics and Prosthetics	Entrepreneurial Joint Venture Matching Grant	CSU Chancellor's Office	Pending	\$0	\$4,750
John Davis	Teacher Education	Give Students a Compass	CSU Chancellor's Office	Awarded	\$0	\$8,000

Division of Student Affairs

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Sue Borrego	Enrollment Management Student Affairs (EMSA)	CSUDH STEP/STEM	National Science Foundation	Pending	\$59,137	\$199,940
William Franklin	EMSA	CSUDH GEAR-UP	US Department of Education	Awarded	\$26,174	\$536,000
William Franklin	EMSA	Upward Bound	US Department of Education	Awarded	\$19,442	\$262,470

Division of Student Affairs continued)

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
William Franklin	EMSA	Upward Bound	US Department of Education	Awarded	\$18,511	\$249,902
Sue Borrego	EMSA	2012 Student Mental Health Program	CalMHSA	Awarded	\$31,989	\$220,161
Michelle Martinez		McNair Scholars Program	US Department of Education	Awarded	\$13,837	\$228,000
Samuel Kim	EMSA	Matching Access to College Hopes	East Los Angeles College	Pending	\$3,704	\$50,000



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