

**California State University
Dominguez Hills**

**2012/2013
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):

Laura J. Robles, PhD, Acting 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 the **Research, Scholarly and Creative Activity Internal Awards Program** whose two opportunities are as follows:

- **Incentive RSCA Grant (IRG)** provides up to \$15,000 in seed money to assist faculty in submitting competitive funding requests at the local, regional and/or national level. Funds may be used for faculty/student research assistant support, operating expenses and up to 3 WTU of re-assigned time. All full-time unit 3 employees are eligible to apply for the IRG award.
- **Faculty RSCA Grant (FRG)** provides up to \$10,000 in support of RSCA for full-time non-tenured, tenure-track faculty. FRG funds may be used for a variety of professional activities resulting in publications, peer-reviewed conference presentations, performance exhibits, pilot projects, data collection and/or professional development leading to competitive externally funded projects and successful retention, tenure and promotion. FRG awards are limited to full-time tenure-track faculty members who have not received tenure and who do not have other release time support.

The ORFP coordinates 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, 2012 - June 30, 2013 is reported on the following pages.

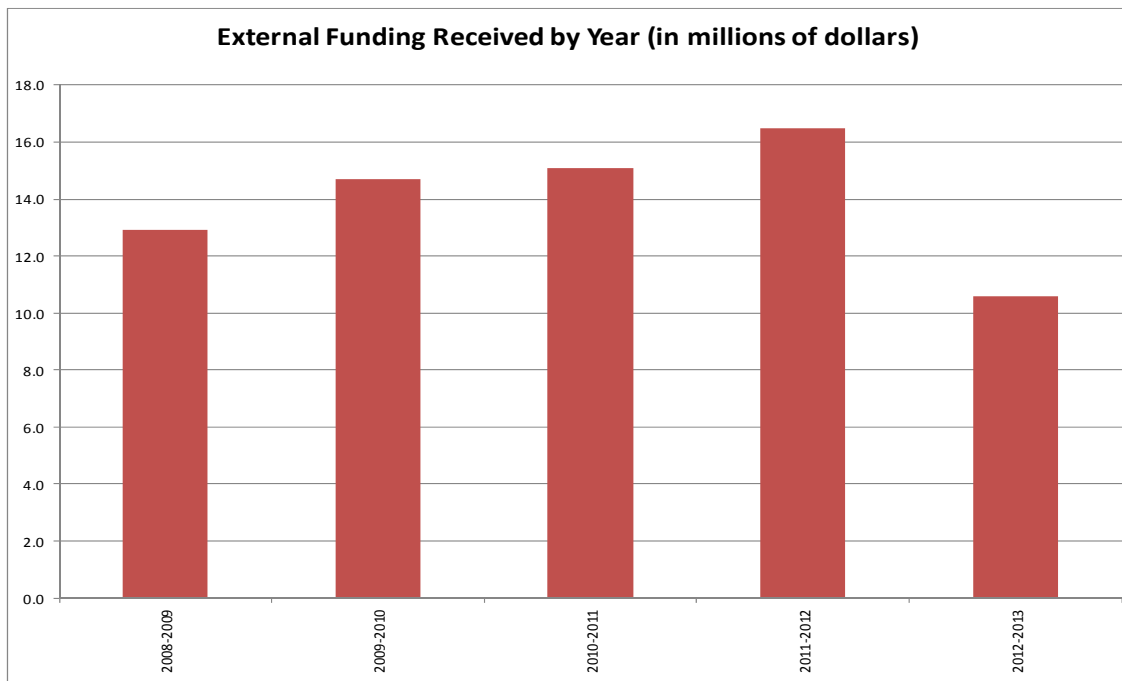
Summary of External Funding Activity for Research, Scholarship, Creative Activity and Programs that Advance the University Mission

During fiscal year (FY) 2012-2013, the Office of Research and Funded Projects assisted CSUDH faculty and staff to submit 44 new proposals. As of this writing (8/16/2013), 16 of these proposals have 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 2012-2013 period was **\$11,379,763**. The university earned **\$747,653** in facilities and administrative costs, which represents a 7.03% 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 2011-2012 external funding in terms of direct costs for FY 2012-2013 decreased 31.4% or \$4,867,173.

Source of External Awards

The following agencies provided grant or contract support during FY 2012– 2013. Multiple awards were received from some agencies.

Federal Agencies

Americorps
Centers for Disease Control and Prevention
Department of Education
Department of Energy
Department of Homeland Security
Department of Health and Human Services
Department of Labor

National Institutes of Health
National Science Foundation
National Endowment for the Humanities
Nuclear Regulatory Commission
Small Business Administration
National Oceanic and Atmospheric Administration

Other Entities

Boston Children's Hospital
Educause
Jumpstart for Young Children, Inc.
Long Beach Unified School District
Los Angeles Superior Court

Los Angeles Unified School District
Mental Health America
Shields for Families
Society for Analytical Chemists of Pittsburgh
State of California

Universities and Colleges

CSU Long Beach
CSU Sacramento
CSU Office of the Chancellor
Georgetown University
Indiana University
Los Angeles Southwest College
Mt. San Antonio College

UC Berkeley
UC Davis
UCLA
UC Office of the President
University of Houston/Downtown

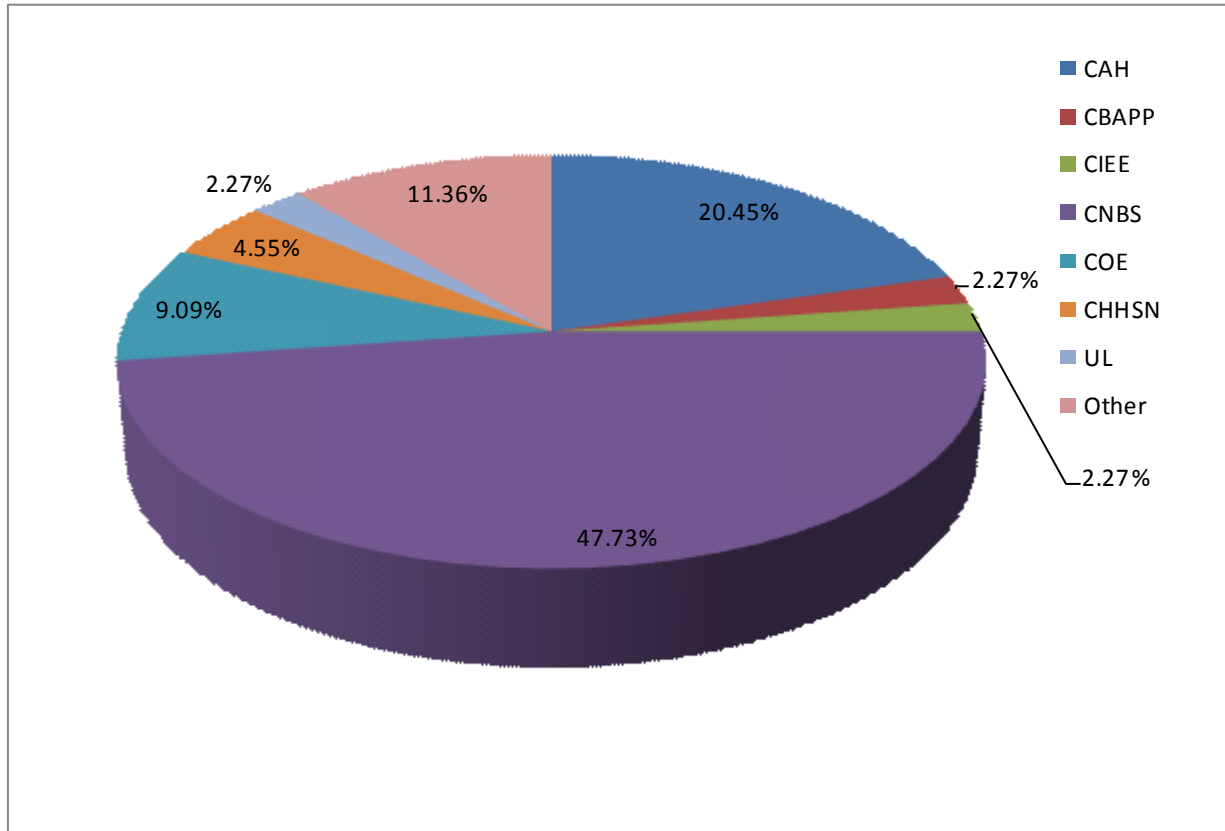
Foundations

Bill and Melissa Gates Foundation
William Keck Foundation

John Templeton Foundation
Georgia and Nolan Payton Foundation

2012-2013 Proposal Submissions by College/Administrative Unit

University faculty and staff submitted 44 proposals through the Office of Research and Funded Projects in 2012-2013. The distribution among the colleges and other units is shown below.



Legend

CAH	College of Arts and Humanities
CBAPP	College of Business Administration and Public Policy
CIEE	College of International and Extended Education
CNBS	College of Natural and Behavioral Sciences
COE	College of Education
CHHSN	College of Health, Human Services and Nursing
UL	University Library
Other	University Police, Associated Students, Enrollment Management and Student Affairs

**List of submitted proposals and funded projects
for 2012-2013 (July 1, 2012—June 30, 2013)**

**List of Research, Scholarly and Creative Activity
Internal Awards Program Recipients 2012-2013**

College of Arts and Humanities						
P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Jonathan Grasse	Information Systems and Operations Management	CSUDH NEH Faculty Awards	National Endowment for the Humanities	No	\$0	\$29,400
Miguel Gutierrez	Chicano Studies	Ford Foundation	Ford Foundation	Pending	\$0	\$21,000
Richard Kravchak	Music	AMEN: The Life and Music of Jester Hairston— A Documentary	National Endowment for the Humanities	Pending	\$10,187	\$66,780
Richard Kravchak	Music	AMEN: The Life and Music of Jester Hairston— A Documentary	California Council for the Humanities	Pending	\$4,000	\$44,000
Laura Talamante	History	NEH Summer Stipend	National Endowment for the Humanities	No	\$0	\$6,000
Laura Talamante	History	CSUDH 2013 NEH Faculty Award	National Endowment for the Humanities	Pending	\$0	\$50,400
Laura Talamante	History	CSUDH NEH Division of Research Programs and Fellowships	National Endowment for the Humanities	Pending	\$0	\$50,400
Ericka Verba	History	NEH Summer Stipend	National Endowment for the Humanities	No	\$0	\$6,000
Kathy Zimmerer	Art	Wild Land: Thomas Cole and the Birth of American Landscape Painting	National Endowment for the Humanities	Yes	\$0	\$1,000

College of Business Administration and Public Policy						
P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Larry Press	Information Systems and Operations Management	CIS 275, Introduction to Network Applications	National Science Foundation	No	\$4,545	\$50,000

College of International and Extended Education

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Margaret Gordon	Office of the Dean	Scholarships for Education and Economic Development	Georgetown University	Yes	\$16,328	\$148,875
Margaret Gordon	Office of the Dean	Scholarships for Education and Economic Development	Georgetown University	Yes	\$16,328	\$148,875

College of Natural and Behavioral Sciences

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Mohsen Beheshti	Computer Science	LA Southwest College/CSUDH 2012 Homeland Security MOU	LA Southwest College/US Department of Homeland Security	Yes	\$0	\$17,000
Mohsen Beheshti	Computer Science	Advancing an Educated STEM Workforce	National Science Foundation	No	\$57,905	\$195,775
Mohsen Beheshti	Computer Science	Revitalizing Cyber Security Education and Research through Competitions	National Science Foundation	Pending	\$14,394	\$69,666
Mohsen Beheshti	Computer Science	ARG-NET: A Network to Achieve Dissemination and Sustainability of the Affinity Research Group Model	UTEP/National Science Foundation	Pending	\$23,558	\$79,650
Barbara Belmont	Chemistry and Biochemistry	Undergraduate Access to Analytical Chemistry Research	Society for Analytical Chemists of Pittsburgh	Yes	\$0	\$10,000
Frederic Brulois	Mathematics	Pre-Calculus Hybrid Course Design	CSU Northridge	Yes	\$5,041	\$55,456
Helen Chun	Biology	NSF Alliance for Graduate Education and the Professoriate AGEP	National Science Foundation	No	\$6,973	\$31,973
Ken Cullings	Earth Science	CSUDH BBBE Proposal 2013	National Science Foundation	No	\$31,749	\$102,103

College of Natural and Behavioral Sciences (continued)

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Ken Ganezer	Physics	CSUDH 2012 Research Opportunities in High Energy Physics	US Department of Energy	No	\$144,254	\$17,000
Ken Ganezer	Physics	Detector R & D for the nnbarX free neutron experiment at Fermilab	National Science Foundation	No	\$70,878	\$240,634
Ken Ganezer	Physics	Studies of Neutrino Oscillations, Baryon Number Non-conservation, and Neutrino Physics involving Super Kamiokande and Hyper Kamiokande	National Science Foundation	No	\$66,101	\$223,483
Ken Ganezer	Physics	X-ray scattering and spectroscopy to improve mammography and breast cancer diagnostics	National Institutes of Health	Pending	\$41,631	\$140,751
Rod Hay	Earth Sciences	Stress Tolerant Rice for Africa and South Asia	Bill and Melinda Gates Foundation	Yes	\$10,290	\$68,598
Matthew Jones	Math	CSUDH Math Project: State Funds	University of California Office of the President	Yes	\$1,143	\$24,000
Matthew Jones	Math	CSUDH Math Project	University of California Office of the President	Pending	\$2,519	\$31,481
Leonardo Martinez	Chemistry and Biochemistry	Cyber-Enabled Laboratories for Diverse Students' STEM Success	Keck Foundation	Yes	\$0	\$200,000
Leonardo Martinez	Chemistry and Biochemistry	CSUDH MARC USTAR 2013	National Institutes of Health	Pending	\$26,558	\$398,130
Terry McGlynn	Biology	IRES: Fire, Carbon and Climate Change in Australia	National Science Foundation	Yes	\$23,627	\$249,922
Terry McGlynn	Biology	CSUDH Google RISE Awards	Google, Inc.	No	\$0	\$25,000

College of Natural and Behavioral Sciences (continued)

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Keisha Paxton	Psychology	Building Infrastructure Leading to Diversity (BUILD)	National Institutes Of Health	No	\$68,816	\$218,783
Lihung Pu	Chemistry and Bio-chemistry	CSUDH WIDER	National Science Foundation	Pending	\$197,973	\$669,339

College of Education

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Kelli Beard	Teacher Education	Project Uniting to Prepare Low Incidence Teachers (UPLIFT)	US Department of Education	Yes	\$5,706	\$241,149
Ann Chlebicki	Graduate Education	Innovative School Leadership Initiative	US Department of Education	Pending	\$86,407	\$1,166,492
Kamal Hamdan	Teacher Education	Robert Noyce Teacher Scholarship Program	National Science Foundation	Yes	\$40,000	\$140,000
Lisa Hutton	Teacher Education	California History Social Science Project UC Davis subcontract	UC Davis	Pending	\$3,048	\$41,142

Enrollment Management and Student Affairs

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
William Franklin	Enrollment Management and Student Affairs	CSUDH Upward Bound Math and Science	US Department of Education	Yes	\$17,200	\$250,000
William Franklin	Enrollment Management and Student Affairs	CSUDH Upward Bound CVUHSD 2012	US Department of Education	Yes	\$17,543	\$236,832
William Franklin	Enrollment Management and Student Affairs	CSUDH Veterans Upward Bound	US Department of Education	Pending	\$18,518	\$249,995
Rasheedah Shakoor	Associated Students, Inc.	CCAMPIS	US Department of Education	Pending	\$15,458	\$193,224

University Library

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Greg Williams	University Archives	Tradeswomen Archives Project	National Endowment for the Humanities	Pending	\$59,137	\$199,940

List of Research, Scholarly and Creative Activity (RSCA) Internal Awards Program

Incentive RSCA Grant (IRG) Recipients		
P.I./ P.D.	Department	Project Title
Anne Choi	Interdisciplinary Studies	The Transition from Adult Day Health Care (ADHC) to Community Targeted Case Management Services
Michael Ferris	Earth Sciences	Unmanned Aerial Systems for Research Experience for Undergraduates
Ken Ganezer	Physics	Noncontact Ultrasound Spectroscopy Applied to Osteoporosis
Cynthia Johnson	Nursing	International Collaboration for Online Nursing Education: Project Afya
Patricia Kalayjian	Interdisciplinary Studies	Editing the Letters of Catharine Maria Sedgwick
James Katzenstein	Management	Project Afya: An Initiative to Link Nursing Education to National Health Care Development
Terrence McGlynn	Biology	Climate Change and the Thermal Ecology of Rain Forest Litter-Nesting Ants
Brendan McNulty	Earth Sciences	Geologic Study of the Marañon Detachment Fault in the Peruvian Andes
Scott Morris	Music	Phonology: The Music of Erik Satie for Guitar
Matt Mutchler	Sociology	Young Gay Black Men: Working with Close Friends to Prevent HIV Transmission and Promote HIV Testing
Vivian Price/ Thomas Philo	Interdisciplinary Studies/ University Library	Tradeswomen Archives Project
Hamoud Salhi	Political Science	Understanding the Political Culture of Muslim – Americans in a Post 9/11 Environment
La Tanya Skiffer	Sociology	Female Gang Study
Tieli Wang/ Lihung Pu	Chemistry/ Biochemistry	Development of Targeted Cancer Therapeutics using Chlorombucil-siRNA Complexes

Incentive RSCA Grant (IRG) Continued

P.I./ P.D.	Department	Project Title
Karen Wilson	Psychology	Identifying Comorbid Disorders and the Best Predictors of Learning Disability, Attention-Deficit/Hyperactivity Disorder and Autism Spectrum Disorders using a Neuropsychological Assessment

Faculty RSCA Grant (FRG) Recipients

P.I./ P.D.	Department	Project Title
Stewart Baker	University Library	Library Assessment Tools Pilot Project
Kathleen Chai	Nursing	Building Community: Providing Advisement to 1200 Online RN to BSN Students
Katy Pinto	Sociology	Understanding the Educational Attainment of the Children of Farm Laborers in California
Ana Pitchon	Anthropology	Sustaining Fishing Communities by Enhancing Value in a Landings-Constrained Environment
Jose Prado	Sociology	Latitudes de Latinidad en America, Academic Seminar Program for the Study of Latinos in the US, Casa de las Americas
Nop Ratanasiripong	Nursing	What College Men Know, Think and Do about Human Papillomavirus (HPV) and HPV Vaccine
Doris Ressler	Dance	Invitation to Serve as Artistic Director and Choreographer for Dances on the Lakewalk
Sharon Sharp	Communications	Hollywood Animals: Animal Labor in Film and Television
Laura Talamante	History	Sex, Scandal and Power Relations: From Marseille to Venice, Conjugal Disturbances, Elites and Society in the Eighteenth Century,



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