

**California State University
Dominguez Hills**

**2014/2015
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 Graduate Studies and Research (GSR):

Dorota Huizinga, PhD, Dean, GSR
Craig Geber, Interim Director, Research and Sponsored Programs (ORSP)
Rita Darcy, Director of Grants and Contracts, CSUDH Foundation

Introduction

The Office of Graduate Studies and Research (GSR) 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.

GSR also coordinates the **Research, Scholarly and Creative Activity Internal Awards Program** whose three opportunities for 2014-2015 were as follows:

The **Incentive RSCA Grant (IRG)** provided up to \$15,000 in seed money to assist faculty in submitting competitive funding requests at the local, regional and/or national level. Funds could be used for faculty/student research assistant support, operating expenses and up to 3 WTU of re-assigned time.

The **Faculty RSCA Grant (FRG)** provided up to \$10,000 in support of full-time non-tenured, tenure-track faculty. FRG funds could 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.

The **Interdisciplinary RSCA Grants Program (INT)** was a new pilot program that provided up to \$20,000 in support aimed at encouraging faculty members to form multidisciplinary teams to pursue collaborative research, creative and scholarly activities projects. The goal of this pilot program was to foster novel, interdisciplinary, and timely ideas to create new or strengthen existing projects leading to an innovative research and/or creative activity direction.

The GSR 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 Dean of the GSR.

A summary of the accomplishments of the Office of Research and Funded Projects for the fiscal year July 1, 2014 - June 30, 2015 is reported on the following pages.

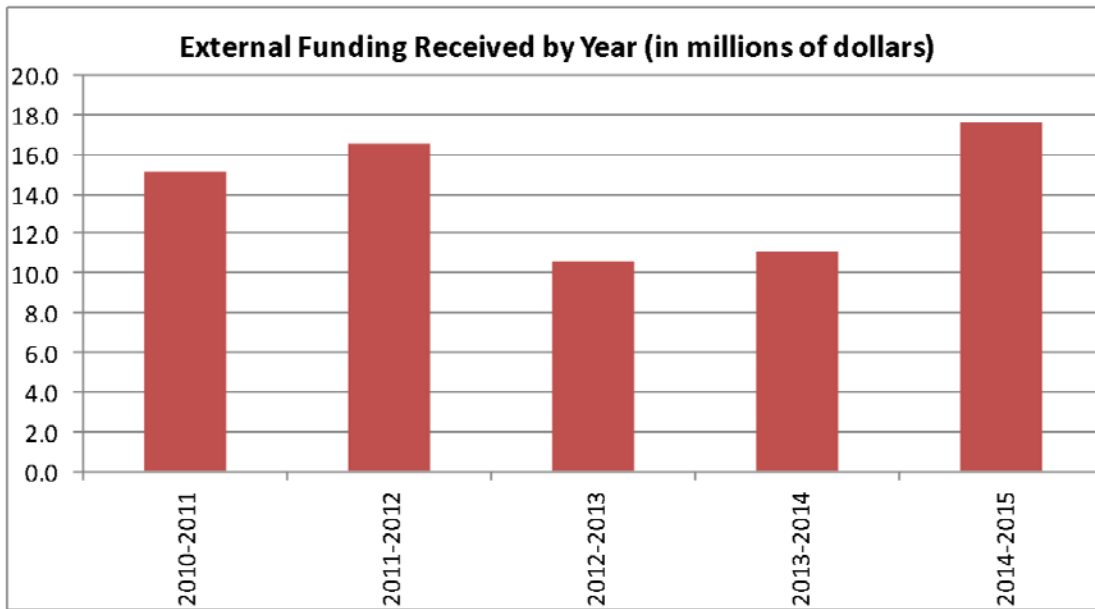
Summary of External Funding Activity for Research, Scholarship, Creative Activity and Programs that Advance the University Mission

During fiscal year (FY) 2014-2015, the Office of Research Graduate Studies and Research assisted CSUDH faculty and staff to submit 52 new proposals.

The amount of external funding awarded to the University during the 2014-2015 period was **\$17,612,309**. The university earned **\$874,994** in facilities and administrative costs, which represents a 5.23% 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 2013-2014, external funding in terms of direct and indirect costs for FY 2014-2015 increased 58% or \$5,844,618.

Source of External Awards

The following agencies provided grant or contract support during FY 2014– 2015.
Multiple awards were received from some agencies.

Federal Agencies

Corporation for National and Community Service/Americorps
National Science Foundation
Nuclear Regulatory Commission
US Department of Education
US Department of Energy
US Department of Health and Human Services
US Department of Homeland Security

Other Entities

CaISWEC
Jumpstart for Young Children, Inc.
Lennox School District
Lynwood Unified School District
Long Beach Unified School District
Los Angeles County Superior Court
Los Angeles Unified School District
Mid-America Arts Alliance
Office of Statewide Health Planning and Development
Society of Analytical Chemists of Pittsburgh

Universities and Colleges

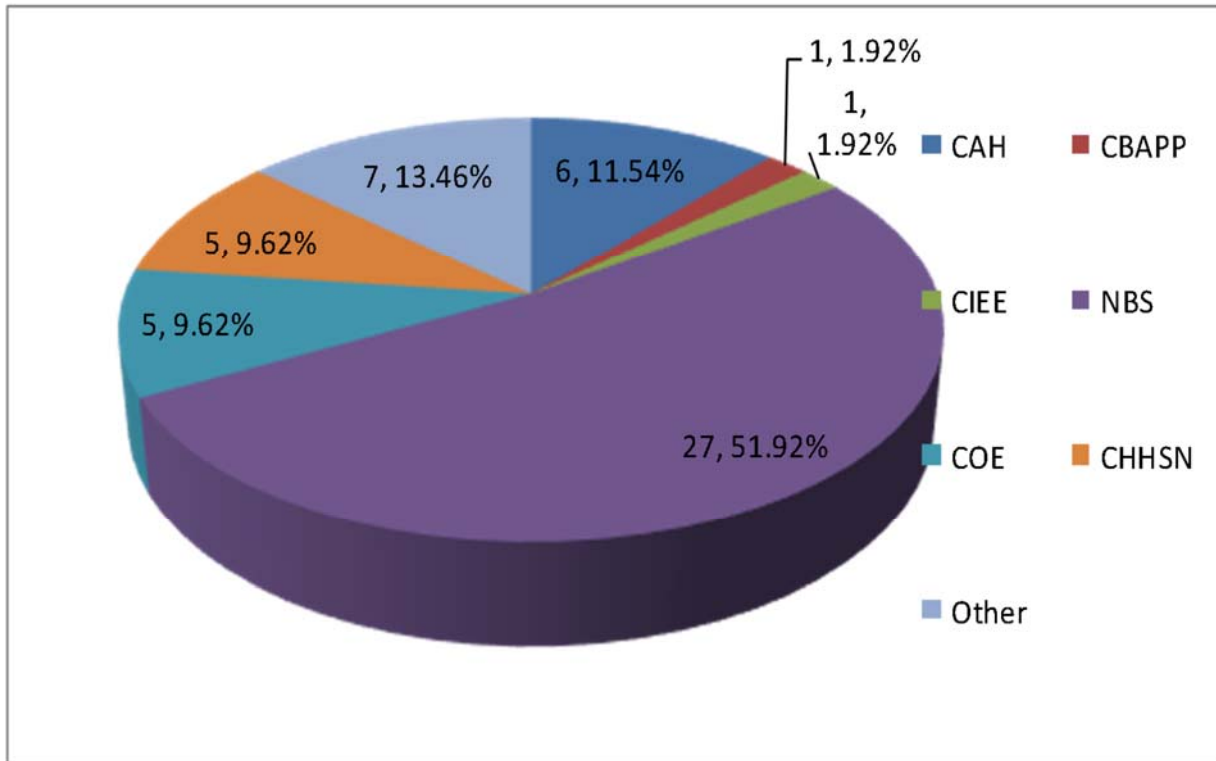
CSU Office of the Chancellor	University of Texas
CSU Fullerton	University of Texas, El Paso
CSU Northridge	UC Berkeley
CSU Sacramento	UC Davis
Georgetown University	UCLA
Indiana University	USC
Stanford University	

Foundations

Brennan Foundation
Rosalinde and Arthur Gilbert Foundation
Ford Foundation
Keck Foundation
Georgia and Nolan Payton Foundation
John Templeton Foundation

2014-2015 Proposal Submissions by College/Administrative Unit

University faculty and staff submitted 52 proposals through the Office of Research and Funded Projects in 2014-2015. 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
Other	Academic Affairs, University Library, Enrollment Management and Student Affairs

**List of submitted proposals and funded projects
for 2014-2015 (July 1, 2014—June 30, 2015)**

**List of Research, Scholarly and Creative Activity
Internal Awards Program Recipients 2014-2015**

College of Arts and Humanities						
P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Vivian Price	Interdisciplinary Studies	Coming out of the Shadows	California Council for the Humanities	Not Funded	\$999	\$21,778
Laura Talamante	History	NEH Summer Stipend	National Endowment for the Humanities	Not Funded	\$0	\$6,000
Laura Talamante	History	A Daughter Worth Investing in or a Scandalous Wife	National Endowment for the Humanities	Not Funded	\$0	\$50,400
Laura Talamante	History	A Daughter Worth Investing in or a Scandalous Wife	National Endowment for the Humanities	Not Funded	\$0	\$50,400
Laura Talamante	History	A Daughter Worth Investing in or a Scandalous Wife	Coordinating Council for Women/History	Not Funded	\$0	20,000
Kathy Zimmerer	University Art	CSUDH Traveling Exhibit	Mid-America Arts Alliance	Funded	\$0	\$1,000

College of Health, Human Services and Nursing						
P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Enrique Ortega	Health Sciences	A Samoan Community Driven Obesity Reduction and Prevention Program	National Institutes of Health	Not Funded	\$165,152	\$524,178
Roger Green	Nursing	Song Brown FNP 1	CA Office of Statewide Health Planning and Development	Awarded	\$4,309	\$58,175
Roger Green	Nursing	Song Brown FNP II	CA Office of Statewide Health Planning and Development	Awarded	\$5,471	\$73,855
Nop Ratanasiripong	Nursing	HPV Vaccination	Merck	Not Funded	\$42,423	\$217,631
Maria Avila	Social Work	Research in Action	Kettering Foundation	Funded	\$0	\$15,000

College of Natural and Behavioral Sciences

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Terry McGlynn	Biology	IRES: Tropical Ecology Mentorship Program of CSU Dominguez Hills	National Science Foundation	Not Funded	\$11,556	\$82,601
Jackie Padilla-Gamino	Biology	Effects of Bleaching and Sedimentation on Coral Reproductive Physiology and Offspring Performance	National Science Foundation	Not Funded	\$28,413	\$96,063
Fang Wang	Biology	Identification of genes involved in interactions of touch-sensing neurons and skin	CSU Chancellors Office (CSUPERB)	Funded	\$0	\$15,000
Jackie Padilla-Gamino	Biology	Identifying climate change resistant genotypes of the farmed <i>Mytilus galloprovincialis</i> : exploring the role of maternal effects	CSU Chancellor's Office (CSUPERB)	Funded	\$0	\$25,000
Brynn Bryan	Biology	Redesigning Campus Landscape for Dual Purposes: Outdoor Laboratory and Long-Term Sustainability	CSU Chancellors Office	Funded	\$0	\$16,800
Antonia Boadi	Computer Science	Project MARS: Motivation an Attitude of growth, Resilience and belonging, Self-discovery and development: The next generation engineer workforce	US Department of Education	Not Funded	\$55,643	\$751,177
Rod Hay	NBS Dean	Innovative Online Communities for Student Engagement in STEM	Claremont/ National Science Foundation	Not Funded	\$9,200	\$29,920
Brendan McNulty	Earth Science	GP-Impact	National Science Foundation	Not Funded	\$28,973	\$173,837

College of Natural and Behavioral Sciences (continued)

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Matthew Jones	Mathematics	First Year Undergraduate STEM Experience (FUSE)	CSU Chancellor's Office	Funded	\$34,091	\$375,000
Matthew Jones	Mathematics	CaMSP Whittier	Whittier Central School District	Funded	\$3,360	\$42,000
Matthew Jones	Mathematics	California Subject Matter Project/ California Mathematics Project	University of California/Office of the President	Funded	\$2,222	\$34,500
Hamoud Salhi	NB Dean's Office	California Subject Matter Project/International Studies Project [CSMP/CISP (Year 2)]	University of California/Office of the President	Funded	\$1,873	\$39,325
Hamoud Salhi	NBS Dean's Office	No Child Left Behind/ California International Studies Project[NCLB/CISP (Year 1) additional funds]	US Department of Education	Funded	\$3,467	\$46,800
Hamoud Salhi	NBS Dean's Office	Equality and Access (Reed Investment Schools)	Los Angeles Unified School District	Not Funded	\$207	\$2,791
Hamoud Salhi	NBS Dean's Office	CSUDH International Studies Project/NCLB11	US Department of Education	Funded	\$3,467	\$46,800
Hamoud Salhi	NBS Dean's Office	CSUDH International Studies Project/CSMP	University of California/Office of the President	Funded	\$1,873	\$39,325
Ken Ganezer	Physics	Neutrino Physics and Astrophysics and Baryon Number Non-Conservation at Hyper-K and Super-K	National Science Foundation	Not Funded	\$48,220	\$163,030
John Price	Physics	CSUDH Hadronic Structure Laboratory	National Science Foundation	Not Funded	\$21,468	\$72,583
Ken Ganezer	Physics	X-Ray Scattering and Spectroscopy to Improve Mammography and Breast Cancer Diagnostics	National Institutes of Health	Not Funded	\$138,000	\$438,000
Keisha Paxton	Psychology	USC IRACDA	USC/National Institutes of Health	Not Funded	\$2,396	\$32,352

College of Natural and Behavioral Sciences (continued)

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Giacomo Bono	Psychology	Expanding the Science and Practice of Gratitude	UC Berkeley/ Templeton Foundation	Funded	\$36,452	\$371,697
Jennifer Sumner	Public Administration	Collaborative Research: Innovating and Experiencing Punishment in Denmark	National Science Foundation	Funded	\$7,878	\$25,004
Matt Mutchler	Sociology	Clinical Trial Planning Grant for Interventions and Services to Improve Treatment and Prevention of HIV/ AIDS	UCSF/National Institutes of Health	Funded	\$35,890	\$167,884
Jose Prado	Sociology	Collaborative International Education Program	US Department of Education	Not Funded	\$0	\$70,851

College of Education

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
John Davis	COE Dean's Office	California Teachers Convening - Quality implementation of PD systems that improve instructional practice and student learning	CSU Fullerton	Funded	\$4,318	\$47,499
Kamal Hamdan	Teacher Education	UTR/TQP Evaluation Proposal	US Department of Education	Not Funded	\$18,385	\$248,199
Kamal Hamdan	Teacher Education	Design, Implementation and Efficacy of NGSS- Aligned Earth Science Field Guides	National Science Foundation	Not Funded	\$28,063	\$168,374
DeAndre Nelson	Teacher Education	Preparing a New Generation of Educators for California	CSU Chancellor's Office	Not Funded	\$6,857	\$112,345

College of Education (continued)

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Lisa Hutton	Teacher Education	California History Social Science Project	UC Davis	Funded	\$2,110	\$28,490
Lisa Hutton	Teacher Education	The History Project at CSU Dominguez Hills	LAUSD	Funded	\$1,280	\$17,280

Academic Affairs, Enrollment Management and Student Affairs (EMSA) and the University Library

P.I./ P.D.	Department	Project Title	Funding Agency	Status	Indirect	Total
Gitanjali Kaul	Academic Affairs	CSUDH Improving Student Success	CSU Chancellor's Office	Not Funded	\$0	\$124,267
Ellen Junn	Academic Affairs	Next Generation Courseware Challenge	Stanford/Gates Foundation	Funded	\$1,059	\$11,645
Ellen Junn	Academic Affairs	Project Accelerate	US Department of Education	Not Funded	\$38,879	\$524,870
William Franklin	EMSA	CSUDH Student Support Services Veterans Project	US Department of Education	Funded	\$12,296	\$215,991
William Franklin	EMSA	CSUDH Student Support Services	US Department of Education	Funded	\$18,227	\$246,062
Greg Williams	University Library	Japanese American Confinement Sites 2014	National Park Service	Funded	\$27,414	\$321,554

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

Incentive RSCA Grant (IRG) Recipients		
P.I./ P.D.	Department	Project Title
Matt Mutchler	Psychology	Exploring PrEP-Related Stigma among Young Latino MSM
J. Padilla-Gamino	Biology	Effects of Bleaching and Sedimentation on Coral Reproduction and Offspring Performance
Terry McGlynn	Biology	Odor-Based Mechanisms of Nest Relocation and Predator Avoidance by Gypsy Ants
Brian Gregor	Philosophy	Philosophy, Religion and the Practices of Self-Formation
Laura Talamante	History	A Daughter Worth Investing in, a Scandalous Wife: Patriarchal Challenges in Enlightenment and Revolutionary Marseille
Jung-Sun Park	Asian Pacific Studies	American Youths' Consumption of South Korean Pop Culture and its Ramifications
Jose Prado	Sociology	Collaborative International Education Program

Faculty RSCA Grant (FRG) Recipients		
P.I./ P.D.	Department	Project Title
Fang Wang	Biology	Identification of Genes Involved in Interactions of Touch-Sensing Neurons and Skin
Scott Cheatham	Kinesiology	Validation of a Pressure Pain Threshold Scale in Patients Diagnosed with Myofascial Pain Syndrome and Fibromyalgia
Veronique D'Aquino	University Library	CSUDH Student Latin American Digitization Projectx
Nancy Deng	Information Systems	Exploiting or Empowering: The Dual Effects of Micro Job Crowdsourcing on the Underprivileged

Faculty RSCA Grant (FRG) Recipients continued

P.I./ P.D.	Department	Project Title
Nop Ratanasiripong	Nursing	Factors Related to Intention to Obtain a Human Papillomavirus (HPV) Vaccine and Vaccination Rate Among Young Women in Thailand
Orien Berezan	Management and Marketing	The Impact of Strategic Alliances on Reward Programs and Brand Loyalty
Payman Nasr	Clinical Sciences	Linking Research with Application - The Epidemiology of Methicillin-Resistant of Staphylococcus Aureus

Interdisciplinary RSCA Grant (FRG) Recipients

P.I./ P.D.	Department	Project Title
Yan-hua Huang; Megumi Kuwabara	Occupational Therapy; Child Development	Effectiveness of Language on Relational Reasoning: Comparison between Young Children with Autism Spectrum Disorder and Typically Developing Children
Salim Faraji; Thomas Philo	Africana Studies; University Library Archives	Black Culture in Los Angeles: Researcher and Student Access to the Ligon Collection. How Best to Allow Researcher and Student Access to the Largest Collection of African and African American Books the Library has ever Received.
Terry Peralta; Eric Hwang; Nop Ratanasiripong Scott Cheatham; Ben Zhou and Sharon Chun	Occupational Therapy; Occupational Therapy; Nursing; Kinesiology; Kinesiology and Social Work	A Pilot study on the Effectiveness of the Community-Based Health Enhancement Lifestyle Program (Community-HELP) for Older Adult
Larry Rosen; Mark Carrier; Tom Norman and Nancy Cheever	Psychology; Psychology and Marketing and Management	Using Functional Near Infrared Spectroscopy to Investigate Executive Functioning in Studies Across Disciplines
Katy Pinto; Terry Peralta	Sociology; Occupational Therapy	Understanding Obesity among young Black and Latina college women: Individual and Structural Explanations
Enrique Ortega; Phu Tai Phan	Health Services; Human Services	Development of an instrument to assess Samoan cultural values and their association to obesity
Myron Sheu; Kirti Celly	Information Systems; Marketing and Management	Exploring an Interdisciplinary Approach to STEM Education by Integrating Information Technology into Traditional Marketing Programs

Interdisciplinary RSCA Grant (INT) Recipients Continued

P.I./ P.D.	Department	Project Title
Bin Tang; Yutian Chen	Computer Science; CSULB	Data Preservation in Sensor Networks using Game Theoretical Analysis
Nancy Deng; Natassa Christodoulidou	Information Systems and Operations Management; Management	Value Sensitive Design of Google Glass: An Empirical Investigation from Students' Perspective
Rui Sun; Bing Xu; Maurice Claybrook; Jennifer Sumner; Brenda Riddick; Keisha Paxton	Public Administration; Management and Marketing; Africana Studies; Criminal Justice; Public Administration; Psychology	Evaluation of CSUDH Campus-wide Watts Rebellion Efforts
Joyce Chan; Heather Butler	Anthropology; Psychology	The "Bones" Effect: The (Mis)Portrayal of Forensic Anthropology in the Media and its Impact on Juror Perceptions
Tara Victor; Jim Keville	Psychology; Art And Design	Making something out of nothing: the art of exploring boundaries, authority, role, and task
Vivian Price; Ellie Zenhari	Interdisciplinary Studies: Art and Design	Labor and the Environment: The Health of Port Communities



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