

Quarterly Listing of Grant and Contract Awards Received

For Award Dates April 1, 2018 thru June 30, 2018

Academic Affairs

Yvonne Harris, Research Affairs

California Department Fish and Wildlife Service, \$49,000.00

Integration of Refuge Data to Support Planning for Natural Resource Management and Public Access

California Department of Fish and Wildlife Service, \$45,000.00

Leveraging available public water resources data to determine the status of water quality on National Wildlife Refuges

Julia Tomassilli, Research Affairs

California Department of Pesticide Regulation, \$43,884.00

Cannabis Use Survey Yr 1

This project will assist Cal-EPA, Dept of Pesticide Regulation in protecting the health of cannabis users from pesticide residues in cannabis products, by deterring the amounts of cannabis products used by consumers.

California Department of Public Health, \$668,810.00

California Smile Survey Yr 1

This project will entail gathering oral health status information from third grade children in California to assess the prevalence of tooth decay experience and untreated tooth decay among third grade children.

Arts & Letters

Sheree Meyer, Arts & Letters

City of Sacramento, \$24,538.80

Creative Economy Pilot Project (Sacramento CREAte)

This project involves a series of two performances featuring Sacramento State students and faculty with the purpose of providing entertainment and performing arts and music experiences for community members, as well as building a better understanding and appreciation for culturally diverse performances in District 6.

Patrick Ettinger, History

California Department of Water Resources, \$4,000.00

NCIC Record Searches- 5-year agreement with Department of Water Resources Yr 1

This award provides 12 months of archeologist information search capability through the North Central Information Center (NCIC).

Scott Perkins, Music

The Western States Arts Federation, \$4,750.00

FeNAM- Eight Strings and a Whistle

This project involves bringing the nationally renowned 8 Strings and a Whistle to California State University, Sacramento, as part of the 2018 Festival of New American Music (FeNAM).

The Western States Arts Federation, \$2,375.00

FeNAM- HUB New Music

This project involves bringing the nationally renowned HUB New Music Ensemble to California State University, Sacramento, as part of the 2018 Festival of New American Music (FeNAM).

Patrick Ettinger, NCIC

California Department of Transportation, \$50,000.00

NCIC Record Searches for CA Department of Transportation Searches

This award provides access to records, maps, and files as requested by the California Department of Transportation through the North Central Information Center (NCIC).

Education

Stephanie Biagetti, Teaching Credentials

California State University Long Beach, \$24,975.00

Developing Linked Learning Educator Communities Practices Yr 2

This project involves implementing the pre-service Single Subject Career Pathways Certificate Program at Sacramento State.

Ed Mills, Teaching Credentials

College Futures Foundation, \$162,231.00

Through in Two/ACT

This project entails increasing the number of students from community colleges transferring to CSUS with their Associate Degree for Transfer (ADT) and increase ADT students in the Child Development Bachelor's degree program with a multiple subject and/or special education credential.

Engineering & Computer Science

Pinar Muyan-Ozcelik, Computer Science

Intel Corporation, \$50,000.00

Real-time Speed-limit Recognition on FPGA-based vs on GPU-based Embedded Platforms

This project entails comparing the performance of a Field-Programmable Gate Array (FPGA)-based solution to a comparable Graphics Processing Unit (GPU)-based solution for performing real-time embedded Speed-Limit-Sign Recognition (SLSR).

Jose Granda, Mechanical Engineering

University of California, San Diego, \$8,000.00

CSUS Mentored Projects in Space Exploration and Vehicles

This project continues successful mentored projects with faculty guidance and student participation at the undergraduate and graduate level. The mentored engineering projects are a tool to motivate, to keep and to retain students by keeping them engaged in Space related projects of practical importance.

University of California, San Diego, \$5,000.00

CSUS Outreach to Women and Hispanic Students for Excellency in Engineering and Computer Science – STEM

This project involves funding outreach in various ways to graduating Hispanic and Women students in high schools and community colleges to motivate them to attend the California State University, Sacramento or others to study STEM careers.

Farzan Kazemifar, Mechanical Engineering

National Science Foundation, \$66,356.00

Collab. Research: Intermittency Single- and Multi-Phase Flows in 2D and 3D Porous Media: Coordinated Experiments

This award funds the experiments and simulations, tightly coupled to state-of-the-art transport modeling, that will validate and advance modeling strategies, transform the understanding of intermittency in single- and multiple- phase flows in 2D and 3D porous media and improve predictions of transport processes at the macro-scale for a range of engineering and environmental applications.

Ramzi Mahmood, Water Programs

California Department of Parks & Recreation, \$4,092,888.00

Stormwater & Water Expertise to Implement SWRCB & RWQCB

California State Water Resources Control Board, \$150,000.00

Low Impact Development & Green Infrastructure BMP for Public Schools

Carollo Engineers, \$40,181.00

Wastewater Flow Task Order 1

This award funds the establishment of subconsultant's services. Time of performance, and payment provisions in connection with the project: Somach Simmons & Dunn on behalf of its client the California Association of Sanitation Agencies.

Health & Human Services

Jennifer Noble, Criminal Justice

City of Sacramento, \$49,428.64

Hearing Examiner for Parking Citation Hearings Yr 1

This project entails training students from the Criminal Justice Department at California State university, Sacramento to act as hearing officers for parking violations within the city of Sacramento.

Elizabeth Erickson, Recreation, Parks, and Tourism

Santa Cruz County, \$34,999.00

Dog Park Utilization Study Continuation- Yr 3

This award funds the continuation of the Dog Park Utilization Study, in which researchers plan on designing a methodology for tracking dog use visits at the beaches in the county of Santa Cruz and the public perceptions/attitudes of dogs on beaches within the county.

Natural Sciences & Mathematics

Kim Elce, Mathematics/Statistics

Gateway Community Charters, \$4,740.00

Gateway Charters Prof Learning

This projects funds professional learning sessions for up to 25 middle school teachers titled "Creating opportunities for Sense Making and Conversation" through math talks.

San Juan Unified School District, \$2,561.88

San Juan Secondary Prof Learn- June '18

Matthew Krauel, Mathematics/Statistics

US Department of Defense, \$24,800.00

Vertex Operator Algebras, number theory, and related topics

This project involves the formation of a conference called "Vertex operator algebras, number theory, and related topics." It is designed to bring together a diverse international pool of researchers whose expertise resides in algebra, number theory, and conformal field theory in theoretical physics.

Jay Cummings, Mathematics/Statistics

Occidental College, \$5,250.00

2018 CURM Mini Grant: Introduction to Ramsey Theory

Rich Hedman, MASE - NSM

San Juan Unified School District, \$5,868.00

San Juan Unified School District June 2018 NGSS

The purpose of this project is to help teachers in the San Juan Unified School District shift their teaching practices and their classroom science lessons to better align with Next Generation Sciences Standards science and engineering practices and the Common Core reading, writing, and speaking and listening practices.

Rich Hedman, MASE - NSM

Marysville Joint Unified School District, \$35,622.00

Marysville Joint Unified School District Summer Science Symposium

Social Sciences & Interdisciplinary Studies

Nathan Stevens, Arch Research Center

National Park Service, \$39,781.72

Archaeological Analysis for the Emergency Services Complex Project at Yosemite Valley

This project involves a collaboration between CSUS and the National Park Service to complete laboratory analysis, reporting, and project archiving for the archeological collections that were excavated in 2016 from site CA-MRP-56/H at Yosemite Valley.

Andrea Venezia, Education Insights Center

Gilbert Foundation, \$75,000.00

California Education Policy Fellows Program Yr 3

This project provides continued funding for the California Education Policy Fellows Program, which provides a professional development program focused on strengthening policy knowledge, leadership skills, and networking for annual cohorts.

Lowela Anunciacion, Education Insights Center

CA Community Colleges CO, \$2,716,039.00

California Community Colleges Guided Pathways Evaluation

Sara Kross, Environmental Studies

Utah State University, \$95,363.00

Quantifying the Frequency and Effects of Secondary Exposure to Rodenticides in Barn Owl Yr 1

This project involves quantifying the frequency and effects of secondary exposure to rodenticides in barn owls.

Shannon A. Williams, Institute for Social Research

California Department of Insurance, \$125,028.00

Supplier Diversity in the Insurance Industry

This project involves expanding research in supplier diversity in the insurance industry which will enable the department to establish models of best practices for promoting diverse spend in the insurance industry.

California State University Sacramento, \$177,935.00

ISR School Based Health Clinics (SBHC) Key Informant Interviews

Santa Clara County, \$209,188.00

BRFSS Synthetic Estimate and Panel Creation

This award funds obtainment of county and sub-county population estimates of various behavioral health indicators using California BRFSS data.

Sharon Furtak, Psychology

National Science Foundation, \$465,041.00

RUI: Perceptual/ Mnemonic Functions Perirhinal Cortex in Stimulus Representation

This project involves research on the perirhinal cortex and its role in stimulus representation.

Student Affairs

Viridiana Diaz, CAMP

Butte County, \$135,170.00

Migrant Student Leadership Institute 2018

This project provides support funds for the 2018 Migrant Student Leadership Institute for Butte County.

Merced County, \$40,550.00

Migrant Student Leadership Institute 2018

This project provides support funds for the 2018 Migrant Student Leadership Institute for Merced County.

Stockton Unified School District (San Joaquin County), \$54,068.00

Migrant Student Leadership Institute 2018

This project provides support funds for the 2018 Migrant Student Leadership Institute for San Joaquin County.

Tulare County, \$27,034.00

Migrant Student Leadership Institute 2018

This project provides support funds for the 2018 Migrant Student Leadership Institute for Tulare County.