

Quarterly Listing of Grant and Contract Awards Received

For Award Dates April 1, 2017 thru June 30, 2017

Academic Affairs

Steve McKay, Academic Technology & Creative Services

California Department of Parks & Recreation, \$34,944.00

Donner Memorial SP Recreational Improvements (WO #22-16674W-07)

This project involves the completion of a new visitor center for Donner Memorial State Park in Truckee, California.

California Department of Parks & Recreation, \$12,132.00

Leland Stanford Mansion SHP Visitor Center Kiosk Presentation (WO#22-12404-08)

This project involves updating the Leland Stanford Mansion visitor center kiosk and main HDTV videos to conform to new computer hardware that was installed in 2016.

California Department of Public Health, \$563,995.00

Prescription Drug Abuse Prevention Campaign Year 1

Academic Technology & Creative Services will create, design, produce, and deploy various assets advancing a comprehensive prescription drug abuse prevention campaign to defined target audiences in identified geographic areas. The campaign will include a minimum of three separate messaging themes.

Placer County, \$2,968.75

Placer County Superior Court Logo Development and Design

University Enterprises, Inc. will develop a seal-style logo for Placer Courts based on the Orange County Courts example provided and incorporating a rendering of the Auburn Courthouse from the provided photograph. Both color and monochrome versions of the logo will be provided.

Arts & Letters

David Wells, Music

The Western States Arts Federation, \$2,125.00

American Contemporary Music Ensemble (ACME) at the 2017 Festival of New American Music

This project involves a contract for one free public chamber music performance, one K-12 lecture/demonstration outreach program, and one university workshop/master class by the American Contemporary Music Ensemble.

Patrick Ettinger, North Central Information Center (NCIC)

California Department of Parks & Recreation, \$2,500.00

Historical Resources Inventory Management-Amending Funds

This amendment provides support and continued services to the North Central Information Center in partnership with the State of California.

Business Administration

Seung Bach, Center for Entrepreneurship

Sacramento Employment & Training Agency, \$82,498.00

Venture Incubator/Acceleration Program at Center for Entrepreneurship

University Enterprises, Inc. will provide Maker Space/ Incubator services through California State University (CSU) Sacramento's Center for Entrepreneurship to 453 participants.

Education

Deidre Sessoms, Education

Chevron Foundation, \$15,000.00

STEM Zone, Makerspaces, and CSU Teacher Preparation

This project continues the CSU-Chevron STEM Zone partnership and includes analyzing new STEM Zone activities as requested by Chevron; developing key questions for new activities as they are added to the STEM ZONE; and collaborating with CSU campus service learning and fieldwork course instructors to determine how best to integrate STEM Zone in these courses and extend the course design to include Makerspaces.

Engineering & Computer Science

Ghazan Khan, Civil Engineering

Transportation, \$158,847.00

Evaluation of Work Zone Intrusion Alarms Year 1

This project involves evaluating promising commercially available WZIA systems for effectiveness, benefits, and shortcomings in order to determine if their implementation would improve worker safety in highway work zones.

Yuan Cheng, Computer Science

CSU Fullerton ASC, \$10,000.00

GE CSU Innovation Participation Challenge 2017

This project provides funds to support the General Electric California State University Innovation Participation Challenge for 2017.

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 involves the comparison of the performance of an Intel-based Field-Programmable Gate Array to an alternative Graphics Processing Unit-based solution for real-time embedded Speed-Limit-Sign Recognition.

Atousa Yazdani, Electrical & Electronic Engineering

UC Regents, \$43,656.00

Energy Harvest of Piezoelectric with Power Electronic Devices Interface FY 17

The purpose of this project is to fund research and development of piezoelectric energy harvesting systems under the pavement of highways and streets leading to a real road condition test and demonstration of the technology.

Natural Sciences & Mathematics

Robert Crawford, Biological Sciences

AOBiome, \$115,000.00

Understanding Lipidome-microbiome Interactions

This project studies a promising new treatment for inflammatory skin conditions which contains the ammonia-oxidizing bacterium *Nitrosomonas europaea*.

Kevin Cornwell, Geology

Plumas Corporation, \$153,675.00

Sierra Meadow Hydrology Monitoring Project Year 1

The purpose of this proposal is to address a widely recognized need for an appropriately robust long-term monitoring program that addresses the role of mountain meadows in managing the flow of water from these landscapes.

Timothy Horner, Geology

City of Sacramento, \$17,943.00

Evaluation of Air Photos Taken During Fall 2016 Chinook Salmon Run

This project counts redds on sets of air photographs taken during the 2016 Fall Chinook Salmon run, and produces a spreadsheet style report that summarizes results.

Judi Kusnick, Mathematics and Science Education – Natural Science & Mathematics

Sutter County, \$5,865.00

Sutter COE NGSS Professional Development Spring 2017

The Sacramento Area Science Project will provide two 6-hour professional development days for middle school teachers within the Sutter County Office of Education region.

Joshua Moss, Physics & Astronomy

National Science Foundation, \$120,000.00

Exploration in High Energy Physics at the LHC with the ATLAS Experiment - Year 3

The purpose of this project is to continue support of the California State University ATLAS program, which expands our studies in searching for new physics in dijet final states, searching for new light gauge bosons in Higgs boson decays to four-lepton final state with improved analysis techniques and incoming ATLAS Run 2 and 3 data.

Social Sciences & Interdisciplinary Studies

David Barker, California Speaks Opinion Research

California State University, Long Beach, \$5,000.00

CalSpeaks Criminal Justice Survey Questions

This project fields a three to four-minute survey to collect at least 750 responses from its statewide panel of Californians.

Andrea Venezia, Education Insights Center

Gilbert Foundation, \$75,000.00

California Education Policy Fellows Program Year 2

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.

State of California, \$176,616.00

CSU Student Success Network

The purpose of this project is to support administrative and fiscal processes for the California State University Success Network.

Robert Wassmer, Public Policy & Admin

California Department of Consumer Affairs, \$45,765.62

BEARHFTI Market Analysis and Cost Effectiveness Analysis

This project conducts a market and cost effectiveness analysis on the use of fire barrier materials in upholstered furniture.

Student Affairs

Marcellene Watson-Derbigny, College Assistance Migrant Program

Butte County, \$248,400.00

2017 Migrant Student Leadership Institute (MSLI)

This project provides support funds for the 2017 Migrant Student Leadership Institute for Butte County.

Merced County, \$37,260.00

2017 Migrant Student Leadership Institute (MSLI)

This project provides support funds for the 2017 Migrant Student Leadership Institute for Merced County.

Tulare County, \$74,520.00

2017 Migrant Student Leadership Institute (MSLI)

This project provides support funds for the 2017 Migrant Student Leadership Institute for Tulare County.