

# Awards Received November 1 through November 30, 2017

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## COLLEGE OF ARTS & LETTERS

### Anthropology

**Dr. Matthew Lauer**

University of California at Santa Barbara: *"Multi-Scale Dynamics of Coral Reef Fisheries: Feedbacks Between Fishing Practices, Livelihood Strategies, and Shifting Dominance of Coral and Algae,"* \$164,874

## COLLEGE OF EDUCATION

### Office of the Dean

**Dr. Joseph F. Johnson**

America's Finest Charter School: *"School Leadership Support - America's Finest Charter School,"* \$10,000

### Administration, Rehabilitation & Postsecondary Education

**Dr. Caren Sax**

U.S. Department of Education Office of Special Education and Rehabilitation Services: *"Workforce Innovation Technical Assistance Center (WITAC),"* \$1,329,915; Yosemite Community College District: *"DSPS Technical Assistance 17/18,"* \$418,079

**Dr. Mark Tucker**

Virginia Department of the Blind and Vision Impaired: *"Virginia DBVI Statewide Comprehensive Needs Assessment,"* \$60,648

### Child & Family Development

**Dr. Sarah M. Garrity**

NEA Foundation for the Improvement of Education: *"PreK-TK-K Target Team: Aligning Early Literacy Curriculum and Instruction in Preschool, Transitional Kindergarten, and Kindergarten,"* \$4,500

**Dr. Sarah R. Rieth**

University of California at Davis: *"Examining the Efficacy of Classroom Pivotal Response Teaching in Classroom Environments,"* \$22,637

### Educational Leadership

**Dr. Douglas Fisher**

The Stuart Foundation: *"Principal Preparation and Support 2017,"* \$200,000

### Special Education

**Dr. Jessica Suhrheinrich**

University of California at Davis: *"Exploring Multi-level System Factors Facilitating Teacher Training and Implementation of EBP,"* \$73,958

### Teacher Education

**Dr. Cynthia Park**

California Department of Education: *"Upward Bound Summer Residential Program 2017,"* \$8,865

**Dr. Rafaela Santa Cruz**

San Diego State University: *"San Diego Mathematics Project,"* \$6,000

**COLLEGE OF ENGINEERING**

**Aerospace**

**Dr. Gustaaf Jacobs**

U.S. Department of Defense Air Force Office of Scientific Research: *"Simulation of Particle-Laden Blast Waves with Inter-Scale Coupling and Uncertainty Quantification,"* \$318,231

**Civil & Environmental Engineering**

**Dr. Sahar Ghanipoor-Machiani**

Virginia Polytechnic Institute and State University: *"Safe-D University Transportation Center,"* \$236,203

**Electrical & Computer Engineering**

**Dr. Sunil Kumar and Dr. Huu N. Nguyen**

U.S. Department of Defense Air Force Research Laboratory: *"Design of Novel, Cross-Layer Neighbor Discovery Schemes for Directional Mesh Networks,"* \$20,000

**Mechanical Engineering**

**Dr. George Youssef**

Armorcast Products Company: *"Characterization of Creep Behavior of E-glass/Epoxy Composite Panels,"* \$26,697

**COLLEGE OF HEALTH & HUMAN SERVICES**

**Graduate School of Public Health**

**Dr. Eric R. Buhi**

ETR Associates: *"About Us: A Healthy Relationships Program for Vulnerable Youth,"* \$250,000

**Dr. Gregory Talavera**

Albert Einstein College of Medicine: *"New York Regional Center for Diabetes Translation Research,"* \$33,402

**School of Social Work**

**Dr. Jennifer Tucker-Tatlow and Dr. Jennifer N. Baum**

University of California at Berkeley: *"CPM Circles-Berkeley FY 17-18,"* \$20,560

**Speech, Language and Hearing Sciences**

**Dr. Peter Torre**

President & Fellows of Harvard College: *"Pediatrics HIV/AIDS Cohort Study (PHACS) Data and Operations Center (DOC),"* \$23,930

**COLLEGE OF SCIENCES**

**Office of the Dean**

**Dr. Lance Larson**

Vector Planning & Services, Inc.: *"Defensive Cyberspace Operations Research, Development, Testing, Engineering, Integration, Maintenance, and Production Support,"* \$1,470

## Astronomy

### Dr. Robert Quimby

California Institute of Technology: "*GROWTH: Global Relay of Observatories Watching Transients Happen*," \$7,500

University of Kansas: "*Shared Time: Phillips Claud Telescope (PCT) and the Mount Laguna Observatory (MLO) 40-inch Telescope (FIT)*," \$21,105

### Dr. Eric Sandquist

National Aeronautics and Space Administration: "*The Open Cluster NGC 1817: A Meeting of Asteroseismology, Stellar Pulsation, and Eclipsing Binaries*," \$22,369

### Dr. Allen Shafter

Space Telescope Science Institute: "*A Remarkable Recurrent Nova in M31: The Leading Single Degenerate Supernova Ia Progenitor Candidate(?)*," \$23,278; "*Recurrent Nova M31N 2008-12a: The Surrounding 'Super-Remnant' - A Signpost to Type Ia Supernova Progenitors*," \$27,222

## Biology

### Dr. Marina Kalyuzhnaya

Tradewater LLC: "*Bacterial Production of Ectoine and Lipase: Coal Mine Methane Valorization*," \$51,649

### Dr. Rebecca Lewison

California Department of Fish and Wildlife: "*Modeling Mule Deer Sightability in San Diego County*," \$53,216

### Dr. Javier Piedrafita

Torrey Pines Institute for Molecular Studies: "*Novel RORgamma antagonists for inflammation and autoimmune disease*," \$380,870

### Dr. Nicholas Shikuma

U.S. Department of Defense Office of Naval Research: "*The Role of Phage Tail-Like Structures in Tubeworm Metamorphosis*," \$43,511

## Geological Science

### Dr. Thomas Rockwell

U.S. Department of Defense United States Geological Survey: "*Testing Recurrence Models for a Simple Plate Boundary Fault: Paleoseismic Study of the Imperial Fault in the Region of Large 1940 Displacement*," \$66,720

## Mathematics & Statistics

### Dr. Antonio Palacios

U.S. Department of Defense Office of Naval Research: "*Complexity and Scaling Laws of Phase Drift in Symmetric Networks of Crystal Oscillators for Precision Timing*," \$99,990

## Psychology

### Dr. Nader Amir

National Institute of Mental Health: "*Behavioral and Neurobiological Mechanisms of Treatment Response in Pediatric OCD*," \$31,224

Florida State University: "*Attention Training to Modify ERN and Risk for Anxiety in Adolescence*," \$308,332

### Dr. Linda Gallo

University of California at Davis: *"MRI Measures of Cerebrovascular Injury and AD Atrophy in a Study of Latinos,"* \$425,355

**Dr. Scott Roesch**

University of California at San Diego: *"Effectiveness and Implementation of a Mental Health Intervention for ASD,"* \$7,043; *"Impact of Privacy Environments for Personal Health Data on Patients,"* \$24,245

**Dr. Vanessa Robin Weersing and Dr. Nader Amir**

Kaiser Foundation Research Institute: *"Effectiveness Trial of Cognitive Bias Modifications (CBM) for Adolescent Anxiety,"* \$41,538

**GRADUATE & RESEARCH AFFAIRS**

**Mr. Timothy W. Hushen**

U.S. Department of Defense Space and Naval Warfare Systems Command: *"Student Support Services,"* \$129,942

**KPBS – EDUCATIONAL RADIO AND TELEVISION**

**Mr. Vince Petronzio**

Corporation for Public Broadcasting: *"Radio Community Service Grant,"* \$596,548; *"Television Community Service Grant,"* \$2,526,015; *"Television Interconnection Grant,"* \$48,199; *"Universal Services Support,"* \$5,010