

Awards Received August 1 through August 31, 2017

COLLEGE OF ARTS & LETTERS

Office of the Dean

Dr. Mary Ann Lyman-Hager and Dr. Christopher P. Brown

The Institute of International Education: "*Language Training Center*," \$2,000,000

U.S. Department of Defense: "*Pashto Immersion Program*," \$67,434; "*Levantine Immersion Program*," \$34,769

Anthropology

Dr. Todd J. Braje

U.S. Department of the Interior National Park Service: "*Santa Rosa Island Archaeological Data Recovery*," \$79,484

Geography

Dr. Thomas Herman

South Bay Community Services: "*Evaluation of First 5 Targeted Home Visiting Program for South Bay Community Services*," \$42,000; "*Evaluation of School-Age Prevention and Early Intervention Program in South Region of San Diego County*," \$50,000; "*South Region Evaluation: First 5-Healthy Development Services for Children*," \$79,344

Dr. Douglas Stow

National Aeronautics and Space Administration: "*Uncoupling Fire and Drought Impacts on Chaparral - E. Storey*," \$40,390

Linguistics and Asian/Middle Eastern Languages

Dr. Zheng-Sheng Zhang

U.S. Department of Defense and U.S. Air Force: "*Distinguished Visiting Professor*," \$174,729

COLLEGE OF EDUCATION

Office of the Dean

Dr. Joseph F. Johnson

Romoland School District: "*School & District Leadership Support - Romoland School District*," \$56,826

Administration, Rehabilitation & Postsecondary Education

Dr. Caren Sax

California Employment Development Department: "*Disability Employment Initiative (DEI)*," \$82,575

San Diego County Superintendent of Schools: "*EFRC Resolutions for Student Success*," \$73,980

Child & Family Development

Dr. Sarah R. Rieth

University of California at San Diego: "*Building Capacity for Children with ASD in Imperial County: the BRIDGE Collaborative - Imperial*," \$14,988

COLLEGE OF ENGINEERING

Office of the Dean

Dr. Morteza M. Mehrabadi

University of California Office of the President: *"MESA Oracle Summer Program,"* \$9,469

Electrical & Computer Engineering

Dr. Madhu Gupta

Minority Serving Institutions STEM R&D Consortium: *"RF/Optical Receiver Sensitivity Degradation from Exposure to High-Power Electrophogenic Pulses or Microwave Signals,"* \$140,614

Dr. Sunil Kumar

U.S. Department of Defense Air Force Research Laboratory: *"Prioritized, QoS-aware Information Transmission Over Congested/Contested Wireless Mesh,"* \$60,000

Dr. Chunting C. Mi

University of Michigan: *"Integrated Power and Thermal Management for Connected and Automated Vehicles (IPTM-CAV) Through Real-Time Adaptation and Optimization,"* \$250,000

Mechanical Engineering

Dr. Subrata Bhattacharjee

National Aeronautics and Space Administration: *"Residence Time Driven Flame Spread Over Solid Fuels,"* \$65,000

COLLEGE OF EXTENDED STUDIES

American Language Institute

Dr. Barbara Bass

Institute of International Education: *"Three-Week English for Graduate Studies Programs for Fulbright Foreign Students,"* \$135,513

COLLEGE OF HEALTH & HUMAN SERVICES

Exercise & Nutritional Sciences

Dr. Antoinette Domingo

University of California at San Diego: *"Functional Comparison Between Nerve and Tendon Transfer after SCI,"* \$16,530

Dr. Lori Tuttle

National Institute of Child Health and Human Development: *"An Innovative Rehabilitation Approach for Women with Anal Incontinence,"* \$550,559

Graduate School of Public Health

Dr. Lisa Asmus

Family Health Centers of San Diego: *"HIV Workforce - Practice Transformative Model Capacity Building Grant Evaluation,"* \$40,000

Dr. Guadalupe X Ayala

Seattle Children's Hospital & Regional Medical Center: *"Parents as Peer Interventionists in Treatment for Pediatric Weight Management,"* \$31,774

Dr. John W. Ayers

Burroughs Wellcome Fund: *"Increasing Citizen Participation in E-Rulemaking by Harnessing Social Media,"* \$500,000

Dr. Jerel Calzo

Boston College: *"Mechanisms of Health Promotion in Diverse Youth through Gay-Straight Alliances,"* \$59,249

Dr. Noe Crespo

American Heart Association: *"Community-Academic Partnership to Promote Cardiovascular Health Among Underserved Children and Families,"* \$4,854

Dr. Nathan G. Dodder

San Francisco Estuary Institute: *"Non-targeted Analysis of Sediment and Water in San Francisco Bay,"* \$35,100

Dr. John Elder

University of California at Davis: *"Quantifying Heterogeneities in Dengue Virus Transmission Dynamics,"* \$51,592

Dr. Hala Madanat

San Diego County Health and Human Services Agency: *"Evaluation of Resident Leadership Academy Program,"* \$95,000

Dr. Amy Pan

The Children's Initiative: *"Data to Action - Reducing Child Injury and Death,"* \$16,229

School of Social Work

Dr. Melinda Hohman

University of California at Berkeley: *"Title IV E Masters of Social Work Programs,"* \$2,442,344

Dr. Jennifer Tucker-Tatlow

County of San Bernardino: *"Safety Organized Practice Implementation (2015-18),"* \$1,893,900

Speech, Language and Hearing Sciences

Dr. Karen Emmorey

National Institute on Deafness and Other Communication Disorders: *"Language, Modality, and the Brain,"* \$458,583

National Science Foundation: *"Assessing the Contribution of Lexical Quality Variables to Skilled Reading in Profoundly Deaf Adults,"* \$485,004

Dr. Peter Torre

National Institute on Deafness and Other Communication Disorders: *"The Association of Perinatal HIV Infection and Hearing Loss in Children of Cape Town, South Africa,"* \$474,090

COLLEGE OF SCIENCES

Office of the Dean

Dr. Susan Baxter

National Science Foundation: *"Type II: California State University Innovation Site,"* \$100,000

Dr. Estralita Martin

CSU Sacramento University Enterprises, Inc.: *"CSU Louis Stokes Alliance for Minority Participation (LSAMP) Senior Alliance (2013-2018)," "CSU Louis Stokes Alliance for Minority Participation (LSAMP) Phase IV,"* \$15,000

Biology

Dr. Sanford Bernstein

National Institute of Arthritis and Musculoskeletal and Skin Diseases: "*Mechanism of Myosin Chaperone UNC-45: Structural, Functional and Genetic Approaches*," \$31,769; "*Identification and Functional Analysis of UNC-45 Chaperone Partners in Muscle - D. Smith*," \$60,990

National Heart Lung and Blood Institute: "*Structural and Biochemical Mechanisms of Myosin-induced Dilated Cardiomyopathy - A. Trujillo*," \$31,224

Dr. Rulon Clark and Dr. Jeremy D. Long

U.S. Department of the Interior National Park Service: "*Partnership to Provide Student Internships in Field Sciences*," \$17,026

Dr. Scott Kelley

University of Chicago: "*Mechanistic Modeling of Microbial Metabolic Succession in the Built Environment*," \$25,009

Dr. Kathleen McGuire

Vaxiiion: "*Efficacy, Immune Mechanism(s), and Pharmacokinetic/Biodistribution Properties of Vaxiiion's Investigational Minicell Product Intended for use in Bladder Cancer*," \$42,240

Dr. Thomas A. Zink

U.S. Department of the Defense Naval Facilities Engineering Command: "*Development and Implementation of Eradication and Monitoring Methodologies of the Argentine Ant (Linepithema Humile) on Naval Base Coronado, Naval Auxiliary Landing Field, San Clemente Island, CA*," \$99,179; U.S. Department of the Defense Space and Naval Warfare Systems Command: "*Range Management Data Collection Naval Weapons Station Seal Beach Detachment Fallbrook*," \$2,459

Dr. Donatella Zona, Dr. Walter Oechel, Dr. Xiaofeng Xu, Dr. David Lipson

National Science Foundation: "*Methane at the Zero Curtain*," \$350,005

Chemistry & Biochemistry

Dr. Jeffrey Gustafson

National Institute of General Medical Sciences: "*MIRA: Atropisomerism as a Means to Increase Target Selectivity and as Inspiration for New Chemistry*," \$376,250

National Science Foundation: "*Regio- and Enantioselective Electrophilic Aromatic Substitution on Drug-Like Molecules*," \$129,695

Dr. John Love

U.S. Department of Agriculture Agricultural Research Service: "*Brewing Resource Education Workshop (BREW)*," \$61,745

Dr. Byron W. Purse

National Science Foundation: "*Bright and Responsive Fluorescent Nucleosides from Structure-Photophysics Relationships*," \$130,000

Dr. Manal A. Swairjo

National Institute of General Medical Sciences: "*RNA Modification: Structure and Mechanism*," \$431,284

Computer Science

Dr. Marie Roch

U.S. Department of Defense Office of Naval Research: *"Using Context to Improve Marine Mammal Classification,"* \$155,108

Dr. Marie Roch and Dr. Roger Whitney

U.S. Department of Interior: *"Phase II Development of the Tethys PAM Metadata System,"* \$250,000

Dr. Wei Wang

National Science Foundation: *"NeTS: EAGER: Exploring Smart Media Pricing In QoE-Driven Network Economics To Revitalize Wireless Multimedia Resource Allocation,"* \$100,000

Geological Science

Dr. Jillian M. Maloney

California Sea Grant College Program: *"Investigation of Blind Faults in the Sacramento-San Joaquin Delta - (Fellow: Shannon Klotsko),"* \$6,498

Dr. Kim Olsen

University of Southern California: *"Community Software for Extreme-Scale Computing in Earthquake System Science,"* \$77,000

Mathematics & Statistics

Dr. Daniel Reinholz

University of Colorado Boulder: *"Departmental Action Teams: Sustaining Improvements in Undergraduate STEM Education Through Faculty Engagement,"* \$32,975; *"Collaborative Research: Access Network: Supporting Retention and Representation in Physics Through an Alliance of Campus-Based Diversity Programs,"* \$14,324

Physics

Dr. Fridolin Weber

National Science Foundation: *"Quark Matter and its Role in the Evolution of Proton-Neutron Stars to Neutron Stars,"* \$89,999

Psychology

Dr. Nader Amir

National Institute of Mental Health: *"Behavioral and Neurobiological Mechanisms of Treatment Response in Pediatric OCD: J. Kuckertz,"* \$468

Dr. Aaron Blashill

National Institutes of Health: *"A Brief, Peer Co-Led, Group-Based Eating Disorder Prevention Program for Sexual Minority Young Adult Men,"* \$684,803

Dr. Inna Fishman

National Institute of Mental Health: *"Multimodal Imaging of Early Neural Signature in Autism Spectrum Disorder,"* \$529,583

Dr. Linda Gallo

University of California at San Diego: *"Neighborhood Environments and Cardiometabolic Disorders in Hispanics/Latinos,"* \$329,274

Dr. Phillip J. Holcomb

National Institutes of Health: *"Investigating the Neural Dynamics of Single-Word Reading in Deaf Readers - L. Schwarz-Glezer,"* \$65,250

Dr. Ksenija Marinkovic

National Institute on Alcohol Abuse and Alcoholism: *"Spatiotemporal Brain Imaging of Alcohol Effects on Inhibitory Control,"* \$371,138

Dr. Georg Matt

U.S. Department of Housing and Urban Development: *"Thirdhand Smoke as a Source of Lead in Settled House Dust and on Surfaces,"* \$17,000

Dr. Sarah Mattson

National Institute on Alcohol Abuse and Alcoholism: *"Language and Communication Abilities in Adolescents with Fetal Alcohol Spectrum Disorder – L. Doyle,"* \$35,617

Dr. Ralph-Axel Mueller

National Institute of Mental Health: *"Integrity and Dynamic Processing Efficiency of Networks in ASD,"* \$59,801

Dr. Vanessa Robin Weersing

National Institute of Mental Health: *"2/2-Family Cognitive Behavioral Prevention of Depression in Youth and Parents,"* \$33,717

ACADEMIC AFFAIRS

Dr. Jessica Barlow

Project Professionals Corporation: *"SAGE Project,"* \$25,000

GRADUATE & RESEARCH AFFAIRS

Mr. Timothy W. Hushen

U.S. Department of Defense Space and Naval Warfare Systems Command: *"Student Support Services,"* \$57,944

STUDENT AFFAIRS

Dr. James Lange

The Ohio State University: *"Director of the Higher Education Center for Alcohol and Drug Misuse Prevention and Recovery,"* \$49,438

INTERDISCIPLINARY PROGRAMS

Dr. Bongsik Shin, Dr. Eric G. Frost, Dr. Lance Larson, Dr. Aaron Elkins, Dr. Murray Jennex

U.S. Department of Defense Office of Naval Research: *"Augmenting Effectiveness of Threat Modeling Through Threat Intelligence Attributes,"* \$80,000

Dr. Kenneth Walsh and Dr. Chukuka Enwemeka

Millennium Challenge Account - Georgia: *"Georgia-SDSU: Degree Accreditation and Institutional Support Initiative for Science, Technology, Engineering and Mathematics,"* \$4,962,894