

Awards Received February 1 through February 28, 2018

COLLEGE OF ARTS & LETTERS

Anthropology

Dr. Seth Mallios

San Diego Gas and Electric Company: *"Geographic Information System Data Maintenance Between SDG&E and SDSU Research Foundation,"* \$133,056

Geography

Dr. Thomas Herman

Gilder Lehrman Institute: *"A More Perfect Union (funded through US Dept of Ed American History and Civics Education—National Activities Grants Program),"* \$4,500

COLLEGE OF EDUCATION

Office of the Dean

Administration, Rehabilitation & Postsecondary Education

Dr. Caren Sax

Nevada Department of Employment Training and Rehabilitation: *"E/Rehab Website Upgrade, Hosting and Maintenance,"* \$65,740

Child & Family Development

Dr. Rachel H. Schlagel

Georgia State University: *"Mixed Methods Adaptation and Pilot Testing of a Toolkit to Enhance Parent Participation in Home Visitation Programs,"* \$5,000

Educational Leadership

Dr. Ian Pumpian

Valley Mountain Regional Center: *"Creative Support Alternatives: Independent Living Services Program 2018,"* \$127,478

Dr. Ian Pumpian and Dr. Caren Sax

Alta California Regional Center: *"Creative Support Alternatives - Alta Vista 2017,"* \$1,051

COLLEGE OF ENGINEERING

Office of the Dean

Dr. Morteza M. Mehrabadi

University of California Office of the President: *"2017-2018 MESA Engineering Program (MEP),"* \$10,000

Aerospace

Dr. Ping Lu

National Aeronautics and Space Administration: *"Integrated Entry and Powered Descent Guidance for a Human Mars Mission,"* \$27,873

Civil & Environmental Engineering

Dr. Natalie Mladenov

San Diego River Conservancy: *"Increasing Preparedness in the San Diego River Watershed for Potential Contamination Events,"* \$40,000

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,"* \$10,000

Dr. Chunting C. Mi

Global Energy Interconnection Research Institute North America: *"High Frequency High Power Density Compact High Voltage Switch Gear Wireless Power Transfer System,"* \$272,515

Rutgers University: *"Uncertainty Management and Proactive Maintenance for Lithium-ion Batteries in Electrified Vehicles,"* \$91,846

Dr. Satish Sharma

Fuse Integration: *"Resilient Directional Mesh Enhanced Tactical Airborne Networks,"* \$45,000

Mechanical Engineering

Dr. Fletcher Miller

Excet Inc.: *"Support to the Wildland-Urban Interface (WUI) Communities Research Program,"* \$136,362

Dr. Kee Moon

Amosense Co.: *"Development of Sustainable Power Module for Implantable Medical Devices Based on Ultrasonic Wireless Power Transfer,"* \$112,611

COLLEGE OF HEALTH & HUMAN SERVICES

Exercise & Nutritional Sciences

Dr. Matt Soto

Northrop Grumman Corporation: *"ECHO Grant Submission,"* \$2,542

Graduate School of Public Health

Dr. Gregory Talavera

National Heart Lung and Blood Institute: *"Hispanic Community Health Study-Study of Latinos (HCHS-SOL) San Diego Field Centers,"* \$1,118,128

University of California at San Diego: *"Effects of Avocado Intake on the Nutritional Status of Families,"* \$20,000

School of Social Work

Speech, Language and Hearing Sciences

Dr. Sonja Pruitt

American Speech Language Hearing Association: "*ASHA BOD, National NSSLHA Institutional Stipend*," \$7,801

IMPERIAL VALLEY CAMPUS

Dr. Suzanna Fuentes-Ferreiro

Imperial County Office of Education: "*2018 Migrant Summer Institute*," \$237,076

COLLEGE OF SCIENCES

Biology

Dr. Kevin Burns

National Science Foundation: "*Collaborative Research: Admixture Mapping of a Hybrid Zone to Test Tinbergen's Emancipation Hypothesis*," \$51,000

Dr. Jeremy D. Long

The Wetland Foundation: "*Testing for Latitudinal Variation in Feeding Preferences of the Lined Shore Crab *Pachygrapsus Crassipes* in California Salt Marshes*," \$800

Dr. Mark Sussman and Dr. Natalie A. Gude

National Heart Lung and Blood Institute: "*Resolving Myocardial Regeneration by Tracking Commitment of C-Kit+ Cells*," \$368,725

Chemistry & Biochemistry

Dr. William Tong

Audentia, Inc.: "*Nonlinear Laser Wave Mixing for Trace Detection of Explosives*," \$43,000

Geological Science

Dr. Kim Olsen

U.S. Department of Defense Air Force Research Laboratory: "*3D Regional Wave Propagation with $Q(f)$ in East Asia for North Korea Nuclear Tests*," \$30,000

Mathematics & Statistics

Dr. Jerome Gilles

U.S. Department of Defense Air Force Office of Scientific Research: "*Image Processing Algorithms for Imaging through Atmospheric Turbulence*," \$43,246

Psychology

Dr. Nader Amir

Florida State University: "*Attention Training to Modify ERN and Risk for Anxiety in Adolescence*," \$145,130

Dr. Scott Roesch

University of California at Los Angeles: "*Sustainment of Multiple EBP's Fiscally Mandated in Children's MH Services*," \$17,073

Dr. Vanessa Robin Weersing

National Institute of Mental Health: "*2/2-Family Cognitive Behavioral Prevention of Depression in Youth and Parents*," \$309,661

ACADEMIC AFFAIRS

Dr. Chukuka Enwemeka

Sonovia Holdings LLC: *"Effect of Blue Light on Propionibacterium Acnes: Time-kill Studies II,"* \$105,204

BUSINESS & FINANCIAL AFFAIRS

Ms. Jessica C. Rentto

California Office of Emergency Services: *"Campus Sexual Assault (CT) Program,"* \$216,000

GRADUATE & RESEARCH AFFAIRS

Mr. Timothy W. Hushen

U.S. Department of Defense Space and Naval Warfare Systems Command: *"Student Support Services,"* \$51,706

Dr. Stephen C. Welter

The San Diego Foundation: *"H. G. Fenton Company Idea Lab,"* \$50,000

INTERDISCIPLINARY PROGRAMS

Dr. Guadalupe X. Ayala, Dr. Jose Castillo, Dr. Morteza M. Mehrabadi, Dr. Stanley Maloy, and Dr. Kee Moon

National Center on Minority Health and Health Disparities: *"Building Capacity and Infrastructure for Population Health and Health Disparities Research at San Diego State University,"* \$1,800,000

Dr. Kenneth Walsh and Dr. Chukuka Enwemeka

Millennium Challenge Account - Georgia: *"Georgia Regional Development Fund (GRDF): STEM Support, English Language Center and Student Life Activities,"* \$150,486