

# Awards Received February 1 through February 28, 2018

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## 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