Awards Received
March 2021
Total: $8,119,097

COLLEGE OF ARTS & LETTERS
Geography

Dr. Thomas Herman
San Diego County Office of Education: “Support for Distance Learning Lesson Development,” $3,000

Dr. Arielle Levine

COLLEGE OF EDUCATION
Child & Family Development

Dr. Lisa Linder

Counseling & School Psychology

Dr. Laura Owen
The Kresge Foundation: “Addressing COVID19 Melt,” $250,000

COLLEGE OF ENGINEERING
Aerospace

Dr. Ahmad Bani Younes
Space Micro Inc: “Modeling of Pointing, Acquisition and Tracking (PAT) System for Laser Communication Terminal,” $49,999

Civil & Environmental Engineering

Dr. Reza Akhavian
National Science Foundation: “CAREER: Co-Adaptation and Trust in Worker-Robot Interaction Toward Scalable Adoption of Collaborative Robots in Construction,” $691,328

Dr. Robert Dowell and Dr. Julio Valdes
General Dynamics NASSCO: “Fatigue Testing of Full-Scale Swage Panels for Ships,” $74,708
Dr. Sunil Kumar

Dr. Satish Sharma
National Aeronautics and Space Administration: “Applicability of Hybrid-Beamforming Based Massive MIMO Antenna Arrays Concepts for 5G Millimeter Wave Applications to SmallSats Platforms,” $50,000

Dr. Joaquin Camacho

Dr. Zahra Nili Ahmadabadi
StarNav LLC: “Swarm of Intelligent Agents for Unpredictable, Scalable, and Adaptable Search of Uncertain GPS-denied Environments,” $25,000

Dr. Sung-Yong Park
National Science Foundation: “Optiofluidic Solar Indoor Lighting Towards Sustainable Building,” $407,786

Dr. Katrina Maluf
National Institute of Child Health and Human Development: “Role of Patient-provider Communication on Clinical Outcomes of Rehabilitation for Chronic Spine Pain,” $516

Dr. Philip Greiner
The American Geriatrics Society: “Geriatric Workforce Enhancement Program (GWEP) Support,” $1,000

Dr. Elva Arredondo
National Institute of Child Health and Human Development: “Floreciendo Juntas (Growing Together): A MOTHER- daughter Physical Activity Program,” $15,050

Dr. Guadalupe X. Ayala
University of California at Los Angeles: “A Mobile Phone-based Pilot Intervention to Prevent Childhood Obesity in Latino Preschool Children,” $13,920

Dr. Stephanie Brodine
Indian Health Council: “Native American Research Centers for Health (NARCH) Core,” $8,156

Dr. Tracy Finlayson and Dr. Corinne McDaniels-Davidson
San Diego County Health and Human Services Agency: “Local Oral Health Program - CNA&E - 20/21,” $8,002
Dr. Eunha Hoh
California Tobacco-Related Disease Research Program: “Cornelius Hopper Diversity Supplement - Christine Cho,” $20,000; “Cornelius Hopper Diversity Supplement - Jordan Alejo,” $20,000; “Student Research Supplement - Katie Nynas,” $20,000

Dr. Hala Madanat
University of California at San Diego: “Cancer Center Support Grants (CCSG) for NCI Designated Cancer Center,” $71,373

Dr. Thomas Novotny
California Department of Public Health: “Tobacco Product Waste White Paper,” $52,794

Dr. Eyal Oren
San Diego County Health and Human Services Agency: “COVID-19 Community Surveillance,” $49,995

Dr. Erik Storholm
National Institute of Mental Health: “Intimate Partner Violence and Human Immunodeficiency Virus (HIV) Prevention among Sexual Minority Men,” $611,350

Dr. Caroline Thompson

Dr. Tianying Wu
California Tobacco-Related Disease Research Program: “Cornelius Hopper Diversity Supplement - Komla Tessou,” $20,000

Social Work

Mr. Steven Hornberger
California Department of Social Services: “Shipment Orders Child Abuse Prevention Council,” $2,853

Speech, Language and Hearing Sciences

Dr. Giang Pham
University of California at Irvine: “Test of English Language Learners (TELL),” $274,221

Dr. Peter Torre
University of California at San Diego: “Detect: A Novel Device to Assess How HIV Affects Neurocognitive Decline and Postural Instability in Older Adults at Risk for Alzheimer's Disease,” $47,263

COLLEGE OF PROFESSIONAL STUDIES & FINE ARTS

Communication

Dr. Heather Canary
Department of Defense U.S. Navy: “United States Naval Community College,” $500
**Music & Dance**

**Dr. Kevin Delgado**  
San Diego Unified School District: “SouthCap Framework Rollout Program & Strategic Planning Program,” $6,000

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**Public Affairs**

**Dr. Kimberly Kras**  
Kitchens for Good: “Reducing Violence Through the Employment Apprenticeship Model,” $77,500

**Dr. Alan Mobley**  
Cal Poly Pomona Foundation Inc: “Project Rebound Mentorship Program.” $12,500

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**COLLEGE OF SCIENCES**

**Biology**

**Dr. Nicholas Barber**  
National Science Foundation: “REU Supplement, "Collaborative Research: The Roles of Community Assembly and Consumer Impacts in Shaping Ecosystem Function, ”$7,503

**Dr. Ted Cranford**  
Department of Defense Office of Naval Research: “Investigating Bone-conduction as a Pathway for Mysticete Hearing,” $149,401

**Dr. Richard Cripps**  
National Institute of General Medical Sciences: “Genetic Regulation of Muscle Fiber Diversity,” $324,911; “Genetic Regulation of Muscle Fiber Diversity Supplement (Trujillo),” $67,731

**Dr. Megan Jennings and Dr. Rebecca Lewison**  
California Department of Fish and Wildlife: “Evaluating Population Persistence for Desert Bighorn Sheep in the Peninsular Ranges, California,” $171,552

**Dr. Dwayne Roach**  
CFD Research: “Develop and Demonstrate a Technology for Isolation of Bacteriophages with Enhanced Anti-Biofilm Activity,” $125,000; “Develop and Demonstrate a Portable Device for Bacteriophage Enrichment, Screening and Isolation Technology for Field Application,” $60,000

**Dr. Nicholas Shikuma**  
National Science Foundation: “CAREER: Determining How Bacteria Stimulate Animal Metamorphosis,” $222,687

**Dr. Ricardo Zayas**  
National Institute of General Medical Sciences: “Molecular Mechanisms Underlying Sensory Neuron Regeneration and Function,” $36,056

**Mr. Thomas Zink**  
AECOM Technology Corporation: “AECOM SDGE Seed Testing - CNF EPM Restoration (part 2),” $20,000
Chemistry & Biochemistry

Dr. Tom Huxford
California Metabolic Research Foundation: “Enzyme Regulation, Lipid and Carbohydrate Metabolism,” $20,000

Dr. Sanford Bernstein and Dr. William Tong
National Institute of General Medical Sciences: “SDSU Initiative for Maximizing Student Development (SDSU IMSD),” $529,847

Physics

Dr. Matthew Anderson and Mr. David Pullman
InterOcean Systems: “Slick Sleuth XL: An Extra Long-range Non-contact Fluorometer for Oil Slick Detection,” $156,500

Dr. Calvin Johnson and Dr. Kenneth Nollett
General Atomics Corporation: “Quantum Emulation of Fusion of Light Nuclei,” $49,768

Psychology

Dr. Aaron Blashill and Dr. Kristen Wells
National Institute of Mental Health: “Suicide Prevention for Sexual and Gender Minority Youth,” $692,209

Dr. Thereasa Cronan

Dr. Vanessa Malcarne
Regents of the University of California: “Supplement: Creating Scientists to Address Cancer Disparities (R25),” $20,080

Dr. Georg Matt
Cincinnati Children’s Hospital: “Contribution of Thirdhand Smoke to Overall Tobacco Smoke Exposure in Pediatric Patients,” $290,704

Dr. Ralph Axel Mueller
National Institute of Mental Health: “Auditory Precursors of Language Delay in Toddlers with Autism Spectrum Disorders,” $588,497

Dr. Edward Riley
National Institute on Alcohol Abuse and Alcoholism: “International Conferences on Fetal Alcohol Spectrum Disorder,” $1

Dr. Gregory Talavera
University of North Carolina-Chapel Hill: “Arterial Stiffness, Brain Morphology, Cognition, and Dementia in U.S. Hispanics/Latinos,” $85,000

Dr. Jennifer Thomas
National Institute on Alcohol Abuse and Alcoholism: “Fetal Alcohol Effects and Choline Intervention,” $330,942

Dr. Jillian Wiggins
National Institute on Drug Abuse: “Neural Mechanisms of Risk for Irritability Across the Transition to Adolescence,” $388,505
ACADEMIC AFFAIRS

Dr. Sean Hauze
Sinclair Community College: “The STEM Guitar Project,” $11,288

KPBS – EDUCATIONAL RADIO AND TELEVISION

Ms. Trisha Richter
California HealthCare Foundation: “Health Care Policy Reporting,” $124,000

RESEARCH & INNOVATION

Dr. John Crockett
Department of Defense Space and Naval Warfare Systems Command: “Student Support Services,” $18,654

INTERDISCIPLINARY PROGRAMS

Dr. Cristina Alfaro and Dr. William Zahner