

**May 2024**  
**Awards Received**  
**Total: \$13,018,541**

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**Office of the Dean**

**Dr. Mathias Schulze and Dr. Christopher Brown**

U.S. Department of Defense: “Defense Language Institute (DLI) Language Immersion Training,” **\$116,019**

**Economics**

**Dr. Joseph Sabia**

University of Wisconsin-Madison: “Intended and Unintended Effects of Social Security Administration Policy: Student Research Initiatives,” **\$95,296**

**Geography**

**Dr. Fernando De Sales**

University of California at Los Angeles: “Fire Impacts on Precipitation through Land-Atmosphere Interactions in Savannas,” **\$42,471**

**Dr. Fernando De Sales and Dr. Trent Biggs**

University of Montana: “CNH-L: The Sociohydrological System of a Tropical Forest Frontier: Land-Climate-Water Feedback and Farmer Adaptation,” **\$8,277**

**Dr. Hilary McMillan**

California State University Sacramento: “RUI: Collaborative Research: Quantifying Water Storage and Runoff Processes in Coastal California Watersheds through an Undergraduate Hydrological Field,” **\$27,514**

**Dr. Ming-Hsiang**

Tsou Arizona State University: “TIP/SBE Interdisciplinary Reading Group for Sharing Insights,” **\$25,371**

**Dr. Sergio Rey**

University of Texas Health Science Center at Houston: “Spatial Homogeneity Learning Models with Applications to Socioeconomic Problems,” **\$115,726**

**Dr. Daniel Sousa**

National Aeronautics and Space Administration: “Comparative Analysis of Hyperspectral Mixing Spaces: To What Extent Does Fine Particulate Cover Affect Impervious Surface Reflectance in Global Built Environments?,” **\$179,999**

**Spanish and Portuguese Languages and Literacies**

**Dr. Ricardo Vasconcelos**

Camoës Institute: “Support for SDSU Portuguese Program — Teaching and Research,” **\$27,112**

**Administration, Rehabilitation, and Postsecondary Education**

**Dr. Mary Baker-Ericzén**

University of California at San Diego: “Exploring Team Implementation Factors of Vocational Training for Autistic Transition-Age Youth,” **\$25,000**

**Dr. Eric Felix**

California Community Colleges-Chancellor's Office: “Scaling-up Student Equity Efforts Across the System,” **\$80,000**

College Futures Foundation: “Student Equity Planning & Action Project,” **\$151,200**

**Dr. Frank Harris**

Achieving The Dream Inc.: “Community College Equity Assessment Lab,” **\$30,000**

**Dr. Caren Sax**

Heluna Health: “Community Navigator Program 2024,” **\$348,852**

San Diego State University: “22/23 Technical and Administrative Support Services for the Palau Master of Arts (MA) Program,” **\$39,050**

**Child and Family Development**

**Dr. Sarah Garrity and Dr. Saralyn Marie Miller**

Price Philanthropies Foundation: “Steps to Family Child Care Success (STEPS) Year 5,” **\$13,743**

**Educational Leadership**

**Dr. Jose Escobedo**

Integrity Charter School: “Advancing Principal Leadership in Urban Schools Program (A-PLUS) with Integrity Charter School 24-25,” **\$32,000**

Pacific Coast Academy: “National Center for Urban School Transformation (NCUST) Leadership Certificate Program at Pacific Coast Academy,” **\$195,000**

**Civil, Construction, and Environmental Engineering**

**Dr. Dongye Zhao**

Geosyntec Consultants: “National Science Foundation (NSF) Convergence Accelerator Track M: Bioinspired and Biocatalytic Degradation of the “Forever Chemicals,” **\$114,472**

**Dr. Sahar Ghanipoor-Machiani and Dr. Arash Jahangiri**

San Jose State University Foundation: “Adoption of Intelligent Speed-Assist Technology,” **\$75,000**

## Electrical and Computer Engineering

### **Dr. Sunil Kumar**

U.S. Department of Defense Air Force Research Laboratory: "Mobility-Adaptive Cross-Layer Protocols for Airborne Networks with Single-/Multi-Beam Directional Antennas," **\$37,500**

### **Dr. Mahasweta Sarkar**

Auburn University: "The Alliance of Persons with Disabilities and Intersectionality for Inclusion, Networking, and Transition Opportunities in Science, Technology, Engineering, and Mathematics (TAPDINTO-STEM)," **\$147,167**

## Mechanical Engineering

### **Dr. Amneet Bhalla**

National Science Foundation: "Collaborative Research: Ultrasound Driven Microbubble Clusters for Biomedical Applications," **\$266,856**

### **Dr. George Youssef**

U.S. Department of Defense Office of Naval Research: "Agile In-Operando Nondestructive Evaluation during Additive Manufacturing of Naval Composite Materials," **\$150,000**



## Office of the Dean

### **Dr. Steven Hooker**

San Diego County Health and Human Services Agency: "Live Well Center for Innovation and Leadership (LWCIL) Project Coordination," **\$70,500**

## Exercise and Nutritional Sciences

### **Dr. Mark Kern and Dr. Shirin Hooshmand**

National Cattlemen's Beef Association: "Back to the Basics: Metabolic and Appetitive Characteristics of Meat and Potatoes," **\$95,959**

## Public Health

### **Ms. Lisa Asmus**

San Diego County Health and Human Services Agency: "Syringe Service Program (SSP) Evaluation," **\$12,130**

### **Dr. Stephanie Brodine**

Indian Health Council: "Narch 12 Administrative Core Year 1," **\$8,476**

### **Dr. Nathan Dodder**

California Tobacco-Related Disease Research Program: "Tobacco-Related Disease Research Program (TRDRP) Cornelius Hopper Diversity Award Supplement - Maria Paula Noriega," **\$20,000**

**Dr. Corinne McDaniels-Davidson**

Scripps/Whittier Institute for Diabetes: “Scripps Clinical and Translational Science Awards (CTSA) Community Engagement (CE) Services,” **\$100,000**

**Dr. Amanda Miller**

University of California at San Francisco: “Preliminary Data and Capacity-building for Biomarker-augmented Alcohol Interventions for Persons with Human Immunodeficiency Virus (HIV) (PWH) in Uganda,” **\$16,050**

**Dr. Penelope J.E. Quintana**

University of California Office of the President: “Cornelius Hopper Diversity Supplement - Manar Karzoun,” **\$20,000**

**Dr. Melody Schiaffino**

University of California at San Diego: “Specialized Cancer Center Support Grant,” **\$24,549**

**Dr. Emily Schmied**

Leidos Inc.: “Upstream Risk Factors for Behavioral Health and Suicide in Military Personnel: An Examination of Social Determinants of Health,” **\$105,195**

**Dr. Paula Stigler Granados and Dr. Linda Lloyd**

University of California at Davis: “VectorWISE: Assessing Public Health Education Programs and Public Perceptions for Mosquito Disease Prevention and Control in San Diego County,” **\$25,000**

**Dr. Erik Storholm**

University of California Office of the President: “Strategies for Implementing Pre-exposure Prophylaxis (PrEP) Services in a Trans Community Center,” **\$10,000**

**Social Work**

**Dr. Michelle Matter**

California Collaborative for Long Term Services and Supports: “Amplifying Diverse Representation to Explore Equitable Systems Change,” **\$20,000**

Madera County: “Madera County Local Aging & Disability Action Planning Grant Program,” **\$128,000**

**Dr. Eileen Pitpitan**

University of California at San Diego: “NEXUS: A Novel Social Network Approach to Intersectional Stigma,” **\$26,682**

**Ms. Jennifer Tucker-Tatlow and Ms. Jennifer Baum**

California Department of Social Services: “California Department of Social Services (CDSS) Child Welfare Training 22-23,” **\$1,759,062**

**Speech, Language, and Hearing Sciences**

**Dr. Laura Coco**

University of California at San Diego: “Dementia Risk and Hearing Aid Use Among Latino Adults,” **\$41,040**

**Dr. Tracy Love-Geffen**

San Diego State University: “University Graduate Fellowship Program (A. Shalamberidze),” **\$37,200**

**Public Affairs**

**Dr. Bruce Appleyard**

San Diego State University: "Pedestrian, Bicycle, and Scooter Safety Education and Engagement at San Diego State University and in the Surrounding Community," **\$199,757**

**Biology**

**Dr. Matthew Edwards**

Guided Discoveries: "Training CIMI Staff in Underwater Survey Techniques," **\$6,900**

**Dr. Svasti Haricharan**

American Cancer Society: "DNA Damage Repair and CHEK2 Mediated Endocrine Therapy Resistance in Breast Cancer," **\$626,938**

**Dr. Rebecca Lewison**

Auburn University: "CNH-L: People, Place, and Payments in Complex Human-Environment Systems," **\$96,759**

**Dr. Arun Sethuraman**

National Science Foundation: "CAREER: Developing New Computational Methods to Address the Missing Data Problem in Population Genomics," **\$124,190**

**Mr. Thomas Zink**

National Institute of General Medical Sciences: "Examining a Unique Contractile Injection System Mediating Host-Microbe Interactions," **\$373,321**

U.S. Department of Defense Army Corps of Engineers: "San Clemente Island Botany Program Implementation," **\$136,346**

**Chemistry and Biochemistry**

**Dr. Laura-Isobel McCall**

Burroughs Wellcome Fund: "Role of Spatial Metabolic Heterogeneity in Disease Tropism," **\$257,054**

**Dr. Manal Swairjo**

National Institute of General Medical Sciences: "RNA Modification: Mechanism and Links to Other Metabolic Pathways," **\$416,431**

**Dr. Yong Yan**

National Institute of General Medical Sciences: "Light-Induced Atroposelective N-Heterocyclization via Chiral Perovskite Nanocrystals," **\$376,250**

## Geological Science

### **Dr. Rafael Almeida**

U.S. Department of the Interior United States Geological Survey: “Geologic Mapping of the West Mountain Peak and Castle Cliff 7.5 Quadrangles in the Beaver Dam Mountains, Southwest Utah,” **\$69,981**

### **Dr. Kim Olsen**

University of Southern California: “Validation of 3D Broadband (0-25 Hz) Ground Motion Simulations for Northern, Central and Southern California,” **\$29,036**

## Psychology

### **Dr. Nader Amir**

Amir McLean Hospital: “Leveraging Machine Learning Approaches to Understand Mechanisms of Exposure Therapy in Real-World Settings,” **\$381,987**

### **Dr. Jessica Baker**

National Institute on Alcohol Abuse and Alcoholism: “Translational Research to Accelerate Interventions for Fetal Alcohol Spectrum Disorders: Evaluation of Physical Activity at Basic and Clinical Levels,” **\$202,626**

### **Dr. Ruth Carper**

National Institute of Mental Health: “The Autistic Brain Over 45: The Anatomic, Functional, and Cognitive Phenotype,” **\$752,343**

### **Dr. Kathleen Goggin**

University of Kansas Medical Center: “Evaluating the Human Immunodeficiency Virus (HIV) Infant Tracking (HIT) System to Improve Prevention of Mother-to-child Transmission of HIV (PMTCT) Retention and Maternal Viral Suppression in Kenya,” **\$20,752**

### **Dr. Ruth Keehn**

National Institute of Mental Health: “Neurobiobehavioral Markers of Stress, Saliency, and Multisensory Dysfunction in Autism,” **\$752,431**

### **Dr. Sarah Mattson**

National Institute on Alcohol Abuse and Alcoholism: “Assessment of Fetal Alcohol Spectrum Disorders (FASD) Using Novel Web-Based Tools,” **\$442,223**

### **Dr. Edward Riley**

National Institute on Alcohol Abuse and Alcoholism: “Administrative Resource of the Collaborative Initiative on Fetal Alcohol Spectrum Disorders (CIFASD),” **\$515,415**

### **Dr. Ariana Stickel**

National Institute on Aging: “Risk Factors for Alzheimer's Disease Among Latinos: Relationships Between Cardiovascular Disease Risk, Acculturation, Small Vessel Disease, and Alzheimer's Biomarkers,” **\$153,990**

### **Dr. Gregory Talavera**

Albert Einstein College of Medicine: “Epidemiology of Diet, Metabolism and Non-alcoholic Fatty Liver Disease in Hispanic/Latino Adults,” **\$64,339**

### **Dr. Jennifer Thomas**

National Institute on Alcohol Abuse and Alcoholism: “Fetal Alcohol Spectrum Disorders Study Group Annual Meeting,” **\$24,925**

**Dr. Arjan Van Der Star**

National Institute of Mental Health: “The Socioecology of Sexual Minority Stigma: Data Harmonization to Address Confounding Bias and Investigate Cross-Level Mental Health Effects,” **\$447,178**

**Dr. Vanessa Robin Weersing**

National Institute of Mental Health: “Behavioral Telehealth in Low-resource Primary Care Settings for Anxiety and Depression in Youth: A Randomized Effectiveness-Implementation Study,” **\$1,045,231**



**Dr. John Crockett**

U.S. Department of Defense Naval Information Warfare Center (NIWC): “Analytical and Technical Support Services from Undergraduate and Graduate Students at Educational Institutions,” **\$59,247**

**Mr. John McMillan**

Foundation for California Community Colleges: “Border Region Talent Pipeline K-16 Collaborative - SDSU Works!,” **\$320,000**

**INTERDISCIPLINARY PROGRAMS**

**Mr. John McMillan, Dr. Bryan Donyanavard, and Dr. Miranda Parker**

Foundation for California Community Colleges: “Border Region Talent Pipeline K-16 Collaborative - CS Capstone,” **\$159,995**

**Dr. Miguel-Angel Zavala-Perez, Dr. Atsushi Nara, and Dr. Penelope J.E. Quintana**

California Air Resources Board: “Improving Mexico Biomass Burning Estimates,” **\$99,428**