August 2022
Awards Received
Total: $21,090,396

Office of the Dean

Dr. Atsushi Nara and Dr. Thomas Herman
National Science Foundation: “Encoding Geography - Scaling Up an Researcher-Practitioner Partnership (RPP) to Achieve Inclusive Geocomputational Education,” $19,996

Dr. Mathias Schulze and Dr. Christopher Brown
The Institute of International Education: “Project GO: Language Acquisition Resource Center at San Diego State University,” $461,908


Anthropology

Dr. Todd Braje
Smithsonian Institution: “Historical Ecology in the Dangermond Preserve, California,” $14,999

Geography

Dr. Hilary McMillan
National Science Foundation: “Continental-scale Controls on Baseflow Patterns (Fellowship - A. Holt),” $27,600

Dr. Amy Quandt
National Science Foundation: “Collaborative Research: Response and Resilience Following Compound Extreme Events in Pastoral Systems with Contrasting Land Management Regimes,” $108,173

Dr. Douglas Stow
National Science Foundation: “Shrinking Coastlines: Using Historic Data, Site Surveys, and Geographic Information System (GIS) to Model Past and Predicted Climate Change Driven Habitat Loss in the Rocky Intertidal (Fellowship - E Bushnell),” $27,600

Dr. Melissa Ward and Dr. Arielle Levine

History

Dr. Gregory Daddis
Florida State University: “Hub and Spoke Post-Doctorate Fellowship Program,” $95,000
Latins American Studies

Dr. Ramona Perez

Dr. Y. Barry Chung
San Diego Chinese Women's Association: “San Diego Chinese Women's Association Grant Application Chinese Cultural Center (CCC),” $1,000

Administration, Rehabilitation and Postsecondary Education

Dr. Caren Sax
San Diego County Office of Education: “Exceptional Family Resource Center (EFRC) Resolutions for Student Success 22/23,” $77,000

San Diego/Imperial Counties Developmental Services Inc.: “San Diego Regional Center (SDRC) California Early Start (CES) Point of Entry (POE) 22/23,” $133,692

State of Hawaii: “2019-20 Technical Assistance and Training for Hawaii's Division of Vocational Rehabilitation,” $11,000

Counseling and School Psychology

Dr. Laura Owen
Kresge Foundation: “Understanding the Pandemic's Impact on Students' Postsecondary Decisions,” $320,000

Dual Language and English Learner Education

Dr. Margarita Machado-Casas
U.S. Department of Education Office of Bilingual Education/Minority Languages Affairs: “Project Teach Bilingual Pathways (TBP),” $600,000

Dr. Saul Maldonado
California State University Sonoma: “Biliteracy and Content Area Integrated Preparation (BCAIP),” $17,893

Educational Leadership

Dr. Jose Escobedo
La Mesa Spring Valley School District: “National Center for Urban School Transformation (NCUST): Equity and Excellence Audit La Mesa Spring Valley School 2022,” $640,000
Special Education

Dr. Jessica Suhrheinrich
Marin County Office of Education: “Improving Outcomes for Students with Autism and Related Developmental Disabilities by Scaling Up the Use of Evidence Based Practice,” $83,413

University of California at San Diego: “San Diego Leadership Education in Neurodevelopmental and Other Related Disabilities (LEND),” $127,515

Teacher Education

Dr. Nancy Frey
Government of Georgia: “Georgia 12Q - Innovation, Inclusion and Quality: Improving Quality of and Access to Early Childhood Education Project (P168481),” $4,197,428

Dr. Cynthia Park

Dr. Kathleen Schenkel
University of Toronto: “Sensory Stories of Environmental Stewardship: A Cross-Coastal Constellation of Children Cultivating, Crafting, and Communicating Nature,” $30,980

Civil, Construction and Environmental Engineering

Dr. Natalie Mladenov
National Science Foundation: “Investigating Antibiotics Removal from Wet Onsite Sanitation Systems Using Bench-scale Anaerobic Digesters (Fellowship - Astete-Vasquez),” $27,600

Electrical and Computer Engineering

Dr. Chunting Mi
Solid Energies, Inc.: “High Safety, Wide-operation-temperature, Low Cost All Solid-state Li-ion Battery (ASSLiB) and ASSLiB Based Energy Storage Systems,” $959,932

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 (STEM) (TAPDINTO-STEM),” $85,644

Mechanical Engineering

Dr. John Abraham
Secor Strategies: “National Aeronautics and Space Administration (NASA) Lunabotics Competition Award,” $1,000
Dr. Randall German and Dr. Eugene Olevsky  
National Aeronautics and Space Administration: “Multi-Scale Modeling and Experimentation on Liquid Phase Sintering in Gravity and Microgravity Environments – Extension,” $112,500

Dr. Eugene Olevsky and Dr. Wenwu Xu  
U.S. Department of Energy Office of Science: “Tailoring Grain-boundaries by Electro-Nano-Pulsing (ENP),” $200,000

SDSU | College of Health and Human Services  
Exercise and Nutritional Science

Dr. Connie Weaver  
Florida International University: “Effect of Soluble Corn Fiber Supplementation on Bone Metabolism in Adolescents (MetA-Bone Trial),” $24,845

Public Health

Dr. Melbourne Hovell  
University of California at San Diego: “Eliminating In-home Smoking to Protect Children and Other Non-smokers,” $93,558

Ms. Tanya Penn  
University of California at San Diego: “University of California San Diego (UCSD) Health - Community Health Needs Assessment (CHNA) Implementation Strategy 2022,” $50,000

Dr. Paula Stigler Granados  
Centers for Disease Control and Prevention: “Reducing the Burden of Parasitic Infections in the United States Through Evidence-based Prevention and Control Activities,” $149,999

Dr. Tianying Wu  
California Tobacco-Related Disease Research Program: “Tobacco-Related Disease Research Program (TRDRP) Student Supplement Award - Lingge Wang,” $20,000

Social Work

Dr. Silvia Barragan and Mr. Paul Brazzel  
Price Philanthropies Foundation: “Social-Emotional Learning Support Program,” $1,085,532

Mr. Steven Hornberger  

Health Net: “Wellness Club Initiative,” $5,000

San Diego Workforce Partnership Inc.: “Community Health Worker (CHW) Curriculum Training,” $23,443
Speech, Language and Hearing Sciences

Dr. Ashley Adams
University of California at Irvine: “Personalizing Literacy Instruction for English Learners,” $23,028

Dr. Karen Emmorey
National Science Foundation: “Using a Novel Functional Magnetic Resonance Imaging (fMRI) Localizer to Characterize Functional Variability in the Sign Language Comprehension Network,” $27,600

Dr. Corinne McDaniels-Davidson and Ms. Tanya Penn
San Diego County Health and Human Services Agency: “Community Health Worker Program Implementation, Community Coalition Management, and Evaluation Services,” $497,129

Dr. Alyson Mills

Dr. Stephanie Ries-Cornou
National Institute on Deafness/Other Communication Disorders: “Lexical Retrieval Deficits Across Semantic Contexts in Stroke-induced Aphasia,” $36,494

National Science Foundation: “CAREER: Uncovering the Neural Dynamics of Speech Monitoring Processes During Language Production,” $143,818

Office of the Dean

Dr. Eric Frost and Dr. Lance Larson
University of Nebraska Omaha: “Augmented Reality with Real-Time Artificial Intelligence for Border Security & Department of Homeland Security (DHS) Education and Workforce Development,” $70,000

Biology

Dr. Kevin Burns
National Science Foundation: “Migratory Genetics and Subspecies Intergradation in the Allen's Hummingbird (Selasphorus sasin) (Fellowship - S. Hood),” $27,600

Dr. Marshal Hedin
The Society of Systematic Biologists: “The Impact of Divergence and Reticulation on Male Courtship Traits Within the Habronattus Tarsalis Species Group,” $1,392

Dr. Carrie House
Burnham Institute for Medical Research: “Role of TWEAK in the Development of Ovarian Cancer Stem-like Cells - L. Santiago,” $54,240

Dr. Scott Kelley

Dr. Linda Kelly
National Science Foundation: “Identification of Coral Exometabolites for Biomarkers of Stress – Quinlan,” $27,600

Dr. Robert Luallen
National Institute of General Medical Sciences: “Understanding the Mechanisms of Intracellular Filamentation by Bacteria,” $376,250

Dr. Dwayne Roach

Dr. Nicholas Shikuma
National Institute of General Medical Sciences: “Examining a Unique Contractile Injection System Mediating Host-Microbe Interactions,” $363,625

Dr. Elizabeth Waters
National Science Foundation: “Collaborative Proposal: Defining Functions of an Essential, Conserved Protein that Uniquely Links the Mitochondrial Matrix with the Cytoplasm,” $578,440

Dr. Xiaofeng Xu
National Science Foundation: “Collaborative Research: Understanding Biophysical Drivers of the CH4 Source-sink Transition in Northern Forests,” $74,898

Dr. Ricardo Zayas
Burnham Institute for Medical Research: “A BRN3/POU4 Homolog is Required for Mechanosensory Neuron Regeneration in Planarians - M. Auwal,” $82,112

Dr. Donatella Zona, Dr. David Lipson, Dr. Walter Oechel, and Dr. Xiaofeng Xu
National Science Foundation: “Towards Filling a Major Gap in the Greenhouse Gas Balance from the Arctic: Defining the Importance of N2O Emission in the North Slope of Alaska,” $299,286

Chemistry and Biochemistry

Dr. Jing Gu
National Science Foundation: “Collaborative Research: Structure, Dynamics, and Reaction Mechanism of Supported Single Atom for Photocatalytic (CO2) Reduction,” $268,769

Geological Sciences

Dr. Barry Hanan
Pennsylvania State University: “Genesis of Harrat Basalts in Western Saudi Arabia,” $58,357

Mathematics and Statistics

Dr. William Zahner
University of Rochester Warner School of Business: “Creating a Model for Sustainable Ambitious Mathematics Programs in High-Need Settings: A Researcher-Practitioner Collaboration AWD00003651,” $165,826
Physics

Dr. Calvin Johnson
University of Wisconsin-Madison: “Quantum Computing for Nuclear Matrix Elements for Tests of Fundamental Symmetries,” $37,104

Dr. Usha Sinha
University of California at San Diego: “Role of the Extracellular Matrix in Age-Associated Force Loss: Integrating Imaging, Biochemistry and Multi-Scale Mesh-free Modeling,” $59,185

Psychology

Dr. Aaron Blashill
National Science Foundation: “Body Image Threat Responsivity in Gay and Heterosexual Men: The Role of Physiological Reactivity - Fellowship A. Convertino,” $27,600

Dr. Ruth Carper
National Science Foundation: “Identifying Neurocognitive Subtypes of Executive Function Across Autism Spectrum Disorder (ASD) and Attention-deficit Hyperactivity Disorder (ADHD) - M. Cordova,” $27,600

Dr. Keith Horvath
National Institute of Mental Health: “eSTEP: An Integrated mHealth Intervention to Engage High-risk Individuals Along the Full PrEP Care Continuum,” $241,979

Dr. Tristen Inagaki

Dr. Vanessa Malcarne
National Science Foundation: “Emotion Regulation and Weight Stigma: An Experimental Test of the Effect of Reappraisal and Suppression on Negative Emotion and Cortisol Reactivity,” $27,600

Dr. Edward Riley
National Institute on Alcohol Abuse and Alcoholism: “Administrative Resource of the Collaborative Initiative on Fetal Alcohol Spectrum Disorders (CIFASD),” $538,692

Dr. Gregory Talavera
National Heart, Lung, and Blood Institute: “Hispanic Community Health Study – Study of Latinos – Field Center – Visit 3 Basic Exam,” $1,304,794


Dr. Miguel Villodas
National Science Foundation: “In Search of Mechanisms Underlying Parental Maltreatment History and Parenting - K. Hong),” $27,600; “Neurocognitive and Physiological Mechanisms in the Intergenerational Impact of Maltreatment- (Fellowship -N. Morelli),” $27,600

Dr. Kristen Wells
University of Arizona: “Ethnicity and Lung Cancer Survival: A Test of the Hispanic Sociocultural Hypothesis,” $6,684
Dr. Jessica Rentto  
California Office of Emergency Services: “Campus Sexual Assault (CT) Program,” $103,119

Dr. Morteza Safaei Pour  
National Science Foundation: “Collaborative Research: Computer and Information Science and Engineering Minority-Serving Institutions Research Expansion Program (CISE-MSI): Active and Passive Internet Measurements for Inferring IoT Maliciousness at Scale,” $244,997

Ms. Trisha Richter  
Fred Rogers Productions: “Be My Neighbor Day,” $10,000

Dr. John Crockett  
U.S. Department of Defense Naval Information Warfare Center: “Analytical and Technical Support Services from Undergraduate and Graduate Students at Educational Institutions,” $4,638

Ms. Erica Aros  
U.S. Department of Education (DED) Office of Postsecondary Education: “Student Support Services Project for Students with Disabilities,” $335,110

Dr. James Lange  
The Ohio State University: “Project Directorship: Higher Education Center for Alcohol and Drug Misuse Prevention and Recovery (HECAOD),” $117,548

Sea Tow Foundation: “Evaluation of the Sea Tow Foundation's Designated Sober Skipper Program,” $76,972

Dr. Elizabeth Skiles  
California Department of Public Health: “CalVax Practice Support Grant,” $10,000
INTERDISCIPLINARY PROGRAMS

**Dr. Pascale Marcelli, Dr. Lluvia Flores Renteria, Dr. Changqi Liu, Dr. John Love, Dr. Hala Madanat, and Dr. Ramona Perez**
National Institute of Food & Agriculture: “Transnational Approaches to Sustainable Food Futures: Integrated High-Impact Learning Experiences and Pathways to Food Careers,” **$999,622**

**Dr. Karen Emmorey and Dr. Phillip Holcomb**
National Institute on Deafness/Other Communication Disorders: “Assessing the Neural Dynamics of Reading in Deaf Adults,” **$468,452**

**Dr. Iana Castro and Dr. Piotr Jankowski**
National Science Foundation: “CIVIC-PG Track B Walk to Healthy Foods: Modeling Community-Based Assets to Increase Healthy Food Access in Underserved Communities,” **$49,998**

**Dr. Jessica Barlow and Dr. Madison Swayne**
California EPA Toxic Substances Control Department: “Community-Wide Assessment of Brownfields in National City, California,” **$296,762**