

# September 2023

## Awards Received

**Total: \$37,163,727**



### Office of the Dean

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

The Institute of International Education: "Project GO: Language Acquisition Resource Center at San Diego State University," **\$469,993**

### Geography

#### **Dr. Thomas Herman**

South Bay Community Services (SBCS) Corporation: "Evaluation of First 5 Targeted Home Visiting Program for South Bay Community Services," **\$57,000**



### Administration, Rehabilitation, and Postsecondary Education

#### **Dr. Meera Adya**

California Department of Rehabilitation: "California Department of Rehabilitation's Pathway to Success (PSP)," **\$611,974**

#### **Dr. Eric Felix**

California Community Colleges-Chancellor's Office: "Scaling-up Student Equity Efforts Across the System," **\$240,001**

#### **Dr. Maribel Guillermo and Dr. Mark Tucker**

U.S. Department of Education Office of Special Education/Rehabilitation Services: "Rehabilitation Improvements in Services and Employment for Underserved Populations (RISE-UP)," **\$901,490**

#### **Dr. Frank Harris and Dr. Marissa Vasquez**

Lumina Foundation: "Establishing the National Consortium for College Men of Color," **\$500,000**

#### **Dr. Felisha Herrera Villarreal**

Arizona State University: "National Science Foundation (NSF) INCLUDES ALRISE Alliance: Accelerate Latino Representation in Science, Technology, Engineering, and Mathematics (STEM) Education - Establishing Hispanic-Serving Identity, Increasing Intentionality, and Delivering Experiential Learning," **\$221,388**

#### **Dr. Toni Saia**

Promesa Consulting: "2023 DC Comprehensive Statewide Needs Assessment," **\$142,338**

**Dr. Caren Sax**

Poway Unified School District: “Exceptional Family Resource Center (EFRC) Poway Alternative Dispute Resolution 23/24,” **\$13,000**

San Diego State University: “Technical and Administrative Support Services for the Palau MA Program,” **\$91,523**

**Child and Family Development**

**Dr. Kelsey Dickson**

National Institute of Mental Health: “Redesigning an Autism Evidence-Based Practice Implementation Toolkit for Middle and High Schools,” **\$232,346**

**Counseling and School Psychology**

**Dr. Tonika Green**

U.S. Department of Education Office of Special Education/Rehabilitation Services: “Highly-Qualified Education Advocacy Leaders (HEAL) Collective: Preparing Diverse Professionals to Enhance Mental Health and Educational Outcomes for Black, Indigenous, and People of Color (BIPOC) Youth in Foster Care,” **\$249,933**

**Dr. Laura Owen**

Michigan College Access Network: “School Counselor Fellows and Professional Development,” **\$60,000**

**Dr. Carol Robinson-Zanartu and Dr. Katheryne Leigh**

U.S. Department of Education Office of Special Education/Rehabilitation Services: “Supporting High-Intensity Mental Health Needs of Native and Indigenous Youth: School Psychologist and Counselor Advanced Preparation (SHPA)” **\$250,000**

**Dual Language and English Learner Education**

**Dr. Margarita Machado-Casas**

U.S. Department of Education Office of Bilingual Education/Minority Languages Affairs: “Project TeachBilingualPathways (TBP),” **\$600,000**

**Educational Leadership**

**Dr. Jose Escobedo**

Iftin Charter School: “National Center for Urban School Transformation (NCUST): High-Performing Schools Equity Audit Iftin Charter 2023-25,” **\$92,000**

**Dr. Douglas Fisher**

Fresno Unified School District: “Equity-center Principal Pipeline - Year 3,” **\$365,000**

**Special Education**

**Dr. Laura Hall**

Napa County Office of Education: “Partnerships for Effective Practices in Transition and Inclusion (PEPTI) - Family Interviews,” **\$24,972**

**Aerospace Engineering**

**Dr. Ahmad Bani Younes**

U.S. Department of Energy Idaho National Laboratory: “Route Operable Unmanned Navigation of Drones,” **\$2,500**

**Civil, Construction, and Environmental Engineering**

**Dr. Gloria Faraone**

National Science Foundation: “Early Research Initiation (ERI): Developing Ductility through Replaceable Concrete Anchorage Connections for Improved Seismic Performance of Mass Timber Structures,” **\$199,638**

**Dr. Hanyang Li**

University of California at Davis: “Toxic-metal Aerosol Real-time Analyzer (TARTA)-XACT Comparison,” **\$5,989**

**Dr. Marta Miletic**

National Science Foundation: “Collaborative Research: CLIMA: Enhancing Soil-based Infrastructure Resilience to Climate Change: Harnessing the Potential of Fractured Soil by Adding Biopolymers,” **\$198,798**

**Mr. Thomas Zink**

U.S. Department of Defense Army Corps of Engineers: “San Clemente Island Botany Program Implementation,” **\$606,363**

**Electrical and Computer Engineering**

**Dr. Sunil Kumar**

U.S. Department of Defense Air Force Research Laboratory: “Deep Transfer Learning-based Cognition Engine for Network-Adaptive Waveform Design,” **\$57,500**

**Dr. Huu Nguyen**

National Science Foundation: “Enabling Beyond-5G Wireless Access Networks with Robust and Scalable Cell-Free Massive Multiple Input Multiple Output (MIMO),” **\$262,967**

**Public Health**

**Ms. Lisa Asmus**

Family Health Centers of San Diego: “Human Immunodeficiency Virus (HIV) Prevention for Persons Who Inject Drugs (PWID),” **\$5,000**

**Ms. Lisa Asmus and Dr. Corinne McDaniels-Davidson**

Family Health Centers of San Diego: “Evaluation of the Community Harm Reduction Team (CHRT),” **\$30,000**

San Diego Social Advocates for Youth: “Safeguard San Diego Partnership for Success - Evaluation Services,” **\$50,000**

The San Diego Lesbian, Gay, Bisexual, and Transgender Community Center: “Evaluation of Minority Acquired Immunodeficiency Syndrome (AIDS) Initiative (MAI) Service Integration Project,” **\$20,000**

Vista Community Clinic: “Prevention Navigator Program: Evaluation Services,” **\$12,000**

**Dr. Noe Crespo**

University of California at San Diego: “Addressing Health Impacts of Adverse Childhood Experiences through a Collaborative Precision Medicine Approach,” **\$7,000**

**Dr. Jennifer Felner**

California Tobacco-Related Disease Research Program: “Interrupting Tobacco-related Disparities among Housing Insecure Youth: A Strengths-based Approach,” **\$374,793**; and “Interrupting Tobacco-related Disparities among Housing Insecure Youth: A Strengths-based Approach (Diversity Supplement - A. Lopez),” **\$20,000**

**Dr. Eunha Hoh**

California Tobacco-Related Disease Research Program: “Microplastic Pollution from Cigarette Filters: Assessment of Fate, Transport, and Toxicity,” **\$451,240**

**Dr. Nicolas Lopez-Galvez**

University of California Office of the President Research Grants Program Office: “Implementing an Intervention to Reduce Heat Stress and Chemical Exposures,” **\$500,000**

**Dr. Hala Madanat**

Government of Georgia: “Collaborative Agreement for the Provision of Degree Accreditation and Institutional Support Initiative for Science, Technology, Engineering, and Mathematics (STEM),” **\$2,377,877**

**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,” **\$100,000**

**Dr. Erik Storholm**

National Institute of Mental Health: “Intimate Partner Violence and Human Immunodeficiency Virus (HIV) Prevention Continuum Engagement Among Transgender and Nonbinary Populations,” **\$776,524**

**Social Work**

**Ms. Silvia Barragan and Mr. Paul Brazzel**

Price Philanthropies Foundation: “Social-Emotional Learning Support Program,” **\$922,478**

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

California Department of Social Services: “California Department of Social Services (CDSS) Adult Protective Services (APS) 22/23,” **\$3,280,000**; and “California Department of Social Services (CDSS) Adult Protective Services (APS) 23/24,” **\$3,280,000**

National Adult Protective Services Association (NAPSA): “National Adult Protective Services Association (NAPSA) Adult Protective Services (APS) Training Center FY 21/22,” **\$932,694**

**Dr. Maria Zuniga and Dr. Eileen Pitpitan**

National Institute on Drug Abuse: “Addiction Scientists Strengthened through Education and Training (ASSET),” **\$259,647**

**Dr. Maria Zuniga, Dr. Eileen Pitpitan, and Dr. Mark Reed**

National Cancer Institute: “SDSU FUERTE: Faculty United towards Excellence in Research and Transformational Engagement,” **\$4,813,369**

**Speech, Language, and Hearing Sciences**

**Dr. Giang Pham**

University of Minnesota: “Nonlinguistic Cognitive Processing Commonalities among Linguistically Diverse Learners with Developmental Language Disorder,” **\$138,315**

**Dr. Stephanie Ries-Cornou**

National Science Foundation: “CAREER: Uncovering the Neural Dynamics of Speech Monitoring Processes During Language Production,” **\$40,000**

**Nursing**

**Dr. Roopali Gupta and Dr. Philip Greiner**

Health Resources and Services Administration: “San Diego/Imperial Geriatric Education Center (SDIGEC): Expanding Geriatric Education in Primary Care,” **\$122,011**



**Art and Design**

**Professor Annie Buckley**

National Endowment for the Arts: “Inside Out Collective Creativity,” **\$45,000**



**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 and Department of Homeland Security (DHS) Education and Workforce Development,” **\$124,999**

**Biology**

**Dr. Sanford Bernstein**

National Institute of General Medical Sciences: “Administrative Equipment Supplement to Genetics and Molecular Biology of Striated Muscle Myosin,” **\$35,289**

**Dr. Rulon Clark**

U.S. Department of the Interior Bureau of Reclamation: “Developing Bio-logging Tools for Informed Conservation of a Colorado Desert Flagship Species, the Flat-tailed Horned Lizard,” **\$54,102**

**Dr. Rebecca Lewison**

National Cancer Institute: “San Diego State University Advancing Cancer Careers for ExceLlence (ACCEL),”  
**\$322,757**

**Dr. Dwayne Roach**

CFD Research: “Portable Phage Preparation Technology for Field Application,” **\$187,500**

**Dr. Forest Rohwer**

U.S. Department of Defense Naval Information Warfare Center (NIWC): “Coral Reef Arks: A Cost-effective and High-return Tool for Restoration and Conservation of Coral Reef Resources on Department of Defense (DoD) Submerged Lands,” **\$135,996**

**Dr. Anca Segall**

Washington University in St. Louis: “Novel Experimental and Computational Resources for Virome Analysis in Inflammatory Bowel Disease,” **\$243,922**

**Dr. Ricardo Zayas**

Burnham Institute for Medical Research: “SoxB1-Mediated Chromatin Remodeling in Stem-cell-based Tissue Regeneration - M. Cathell (Palatucci),” **\$54,240**

**Mr. Thomas Zink**

TideWater, Inc.: “Erosion Control at IR Site 1 on San Clemente Island,” **\$2,897**

**Chemistry and Biochemistry**

**Dr. Jing Gu and Dr. Yong Yan**

U.S. Department of Energy Office of Science: “Manipulate Spin Selectivity via Chiral Molecules in Solar Energy Conversion,” **\$220,335**

**Computer Science**

**Dr. Kai Li**

Ethereum Foundation: “Discovering DoS Attacks in Peer Discovery Protocols of Ethereum P2P Networks,”  
**\$53,144**

**Mathematics and Statistics**

**Dr. Antonio Palacios**

U.S. Department of Defense Naval Information Warfare Center (NIWC): “Synchronization of Coupled Nonlinear Oscillators and Signal Reconstruction,” **\$195,865**

**Dr. Samuel Shen**

National Science Foundation: “AI2ES Expansion on 4D Space-time Organization of Geophysical Processes, Visualization Tools, and Workforce Development,” **\$1,319,702**

**Dr. Xin Wang**

National Science Foundation: “Clustered Regression Models-based Estimators in Small Area Estimation,”  
**\$214,625**

## Psychology

### **Dr. Keith Horvath**

Emory University: "Understanding Human Immunodeficiency Virus (HIV)/Sexually Transmitted Disease (STD) Risk and Enhancing PrEP Implementation Messaging in a Diverse Community-Based Sample of Gay, Bisexual, and Other Men Who Have Sex with Men in a Transformational Era," **\$282,412**

### **Dr. Gregory Talavera**

University of Minnesota: "Cognitive Aging, Brain Morphology, and Arrhythmias in Hispanics/Latinos: Implications for Prevention and Management of Alzheimer's Disease-Related Dementias," **\$140,951**

### **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," **\$1,070,654**

### **Dr. Jillian Wiggins**

National Institute of Mental Health: "Diversity Supplement for Training Erin Peterson," **\$89,522**



### **Dr. Laura-Isobel McCall**

National Science Foundation: "OSIB: Metabolic Cartography of Influenza A Virus Infection and Host-pathogen Interaction in the Natural and Accidental Host," **\$667,763**



### **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," **\$88,159**

## INTERDISCIPLINARY PROGRAMS

### **Dr. Trent Biggs, Dr. Nicolas Lopez-Galvez, Dr. PJE Quintana, Dr. Samuel Shen, Dr. Daniel Sousa, and Dr. Miguel-Angel Zavala-Perez**

University of California Office of the President: "Rural Heat Islands in the Imperial Valley," **\$990,629**

### **Dr. Elizabeth Pollard and Ms. Pamela Jackson**

National Endowment for the Humanities: "Using Comics to Teach Social Justice," **\$175,000**

### **Dr. Saul Maldonado and Dr. Cristina Alfaro**

U.S. Department of Education Office of English Language Acquisition: "Project LEAL - Leadership, Equity, and Access for Languages," **\$584,415**

### **Dr. Hala Madanat and Dr. Richard Cripps**

National Cancer Institute: "1/2 Cancer Research and Education to Advance Health Equity (CREATE) Partnership," **\$1,206,257**

**Dr. Megan Jennings, Dr. Olivia Chilcote, Dr. Alex DeNoble, Dr. Lluvia Flores Renteria, Dr. Janet Franklin, Dr. Rebecca Lewison, Dr. David Lipson, and Dr. Esme Murdock**

University of California Office of the President: “Collaborative of Native Nations for Climate Transformation and Stewardship (CNNCTS),” **\$3,687,931**