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 Adva

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

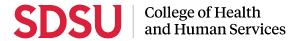
Electrical and Computer Engineering

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 though 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

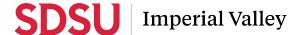
University of Minnesota: "Cognitive Aging, Brain Morphology, and Arrhythmias in Hispanics/Latinos: Implications for Prevention and Management of Alzheimer's Disease-Related Dementias," \$140,951

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

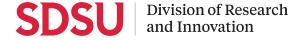
Dr. Jillian Wiggins

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