

August 2024
Awards Received
Total: \$27,329,938



Office of the Dean

Dr. Mathias Schulze and Dr. Christopher Brown

Institute of International Education: "Project Global Officer - Language Training Center Defense Language Institute Foreign Language Center (DLIFLC) Special Initiative," **\$315,000**

U.S. Department of Defense: "Defense Language Institute (DLI) Language Immersion Training," **\$61,667**

Geography

Dr. Janet Franklin

National Science Foundation: "Collaborative Research: Archaeological Analysis and Dynamic Modeling of Ecosystem Change and Adaptive Human Foraging Across Glacial Cycling in Coastal South Africa," **\$108,757**

Dr. Daniel Sousa

National Aeronautics and Space Administration: "Mapping Smallholder Rice in Cambodia," **\$164,413**

Spanish and Portuguese Languages and Literatures

Dr. Ricardo Vasconcelos

Luso-American Development Foundation FLAD: "Portuguese Language Assessor Agency Project," **\$16,137**



Administration, Rehabilitation, and Postsecondary Education

Dr. Adya Meera

New York State Education Department: "Disability Innovation Fund - Sub-minimum Wage to Competitive Integrated Employment - New York State - Adult Career and Continuing Education Vocational Rehabilitation (ACCES-VR)," **\$824,624**

Dr. Mary Baker Ericzen

University of Michigan: "A Hybrid Effectiveness-Implementation Randomized Control Trials (RCT) of Virtual Interview Training for Autistic Transition-Age Youth," **\$251,626**

Dr. Charles Degeneffe

San Diego State University: "Technical and Administrative Support Services for the Master of Science (MS) Rehabilitation Counseling - Consortium for Distance Education in Rehabilitation (CDER) Degree Program," **\$33,742**

Dr. Toni Saia

U.S. Department of Education Office of Special Education/Rehabilitation Services: “Rehabilitation Services Administration,” **\$149,991**

Virginia Department for Aging and Rehabilitative Services: “Virginia General Comprehensive Statewide Needs Assessment,” **\$77,971**

Virginia Department of the Blind and Vision Impaired: “Department for the Blind and Vision Impaired (DBVI) - Comprehensive Statewide Needs Assessment (CSNA) 2024,” **\$61,936**

Dr. Caren Sax

California Department of Education: “Exceptional Family Resource Center (EFRC) Family Empowerment Center 24/25,” **\$571,875**

Child and Family Development

Dr. Sarah Garrity

Price Philanthropies Foundation: “Playful Learning Landscapes Evaluation,” **\$20,217**

Dr. Lisa Linder

San Diego County Auditor and Controller: “Neighborhood Reinvestment Program,” **\$44,841**

Dual Language and English Learner Education

Dr. Margarita Machado-Casas

U.S. Department of Education Office of English Language Acquisition: “Project Teach Bilingual Pathways (TBP),” **\$600,000**

Educational Leadership

Dr. Jose Escobedo

Centennial School District: “National Center for Urban School Transformation (NCUST) Leadership Sessions at Centennial School District 24-25,” **\$25,000**

Chula Vista Elementary School District: “National Center for Urban School Transformation (NCUST): Advancing Principal Leadership in Urban Schools Program (A-PLUS) with CVESD 24-25,” **\$185,000**

Vista Unified School District: “National Center for Urban School Transformation (NCUST): California Administrative Services Clear Credential Program for Vista Unified School District 23-25,” **\$15,000**

Special Education

Dr. Ana Dueñas

U.S. Department of Education Institute of Education Sciences: “ImPACTO: Partnering for Autism Focused Social Communication Intervention with Transborder Latine Caregivers,” **\$139,092**

Teacher Education

Dr. Cynthia Park

Council for Opportunity in Education: “FAFSA Completion Initiative Grant,” **\$4,000**

U.S. Department of Education Office of Postsecondary Education: “Educational Talent Search,” **\$586,172**; “Talent Search Mentoring,” **\$288,470**; Upward Bound STAR,” **\$381,087**



Aerospace Engineering

Dr. Qi Wang

National Science Foundation: “Physics-Guided Generative Artificial Intelligence for Inverting Chaotic Advection-Diffusion Dynamics,” **\$300,000**

Civil, Construction, and Environmental Engineering

Dr. Dongye Zhao

Auburn University: “A 'Trap-and-zap' Technology for Cost-effective Removal and Destruction of Aqueous-phase Per- and Polyfluoroalkyl Substances at U.S. Department of Defense (DoD) Sites,” **\$100,783**

Electrical and Computer Engineering

Dr. Chunting Mi

Smartville Inc.: “Data Analysis for Energy Storage System (ESS) Performance and System Efficiency,” **\$10,000**

Dr. Junfei Xie

National Science Foundation: “Training on Unmanned Aerial Systems Cyber Infrastructure,” **\$177,560**

Mechanical Engineering

Dr. Kee Moon and Dr. Sung Lee

Electronic and Telecommunications Research Institute (ETRI): “A Development of Wireless Onboard AI Brain Signal Devices,” **\$66,187**

Dr. Eugene Olevsky

National Science Foundation: “Designing Materials to Revolutionize and Engineer our Future (DMREF): Accelerating Adoption of Sintering-Assisted Additive Manufacturing Using Integrated Experiments, Theory, Simulation and Data Science – Supplement,” **\$100,000**



Exercise and Nutritional Science

Dr. Jennifer Green

National Center for Complementary & Integrative Health: “Culturally Tailoring a Mindfulness Meditation Mobile App to Reduce Psychological Distress in African American Adults,” **\$151,672**

Dr. Changqi Liu and Dr. Jing Zhao

National Institute of Food & Agriculture: “Developing a Master's Program in Food Science at San Diego State University with Industry Partners,” **\$146,796**

Public Health

Ms. Lisa Asmus

The San Diego Lesbian, Gay, Bisexual, and Transgender Community Center: “Lesbian, Gay, Bisexual, Transgender and Queer (LGBTQ) Community Needs Assessment,” **\$49,000**

TrueCare: “Digital Literacy Evaluation,” **\$25,000**

Dr. Jerel Calzo

Public Health Institute: “Bidirectional Public Health Workforce Training to Prevent Human Trafficking among Youth,” **\$20,000**

Dr. Elana Elkin

National Institute of Environmental Health Sciences: “Toxic Effects of Trichloroethylene and its Metabolite on Placental Cells at the Maternal-fetal Interface,” **\$176,270**

Dr. Shira Goldenberg

University of British Columbia: “Human Immunodeficiency Virus (HIV), Sexually Transmitted Infections (STI) and Tuberculosis (TB) Syndemics among Asylum-seeking Women in Tijuana, Mexico,” **\$5,000**; and “Impacts of Structural and System-level Interventions on Human Immunodeficiency Virus and Sexually Transmitted Infections (HIV/STI) and Overdose Epidemics among Sex Workers (SWs),” **\$102,460**

Dr. Susan Kiene

National Institute on Alcohol Abuse and Alcoholism: “Reducing Hazardous Alcohol Use and Optimizing Treatment as Prevention among Men Living with Human Immunodeficiency Virus (HIV) in Risk Environments,” **\$772,055**

Dr. Amanda Miller

University of California at San Francisco: “The Phosphatidylethanol Results Communication (PERC) Study,” **\$46,843**

Dr. Eyal Oren

National Center for Chronic Disease Prevention/Health Promotion: “San Diego State University (SDSU) Prevention Research Center,” **\$999,999**

Ms. Tanya Penn

Scripps Research Institute: “All of Us - Community Partner,” **\$32,500**

Dr. Sabrina Smiley

National Institute on Drug Abuse: “Racial Equity in Systems to Treat Opioid Use Disorder for Everyone (RESTORE): A Pilot Randomized Controlled Trial,” **\$1,053,500**

Dr. Erik Storholm

National Institute of Mental Health: “Intimate Partner Violence and Human Immunodeficiency Virus (HIV) Prevention among Sexual Minority Men,” **\$151,506**

Dr. Faramarz Valafar

National Institute of Allergy and Infectious Diseases: “Undetected Drug Resistance and Tolerance in Lesions of Recurrent Tuberculosis (TB),” **\$437,632**

Social Work

Mr. Paul Brazzel

Price Philanthropies Foundation: "Social-Emotional Learning Support Program," **\$1,009,374**

Ms. Lori Clarke

San Diego State University: "Wellness System Consultation and Capacity Building FY 2024-25," **\$324,267**

Dr. Megan Ebor

California Black Women's Health Project (CABWHP): "Setting the P.A.C.E. Initiative," **\$135,000**

Ms. Jennifer Tucker-Tatlow and Ms. Jennifer Baum

Imperial County Department of Social Services: "Imperial Coaching & Training 22/23," **\$79,570**

San Diego County Health and Human Services Agency: "San Diego Child Welfare Coaching & Training 21/22," **\$90,426**

Speech, Language, and Hearing Sciences

Dr. Ashley Adams

University of California at Irvine: "Personalizing Literacy Instruction for English Learners," **\$24,431**

Dr. Tracy Love-Geffen

National Institute on Deafness/Other Communication Disorders: "Neurocognitive Approaches to Communication Disorders," **\$236,970**

Dr. Jill Preminger

RUSH University: "Internet and Audiology Special Session at the World Congress of Audiology," **\$9,422**

Dr. Peter Torre

Harvard University: "Pediatric Human Immunodeficiency Virus (HIV)/Acquired Immunodeficiency Syndrome (AIDS) Cohort Study (PHACS) 2020," **\$18,408**



Art Design and History

Professor Annie Buckley

Anti-Recidivism Coalition (ARC): "2022 Title II Grant Program," **\$30,000**

Public Affairs

Dr. Salvador Espinosa

U.S. Department of Education Office of Postsecondary Education: "SDSU IV Building Bridges between Community and Careers: A New Type of Hispanic-Serving Institution (HSI)," **\$593,821**

Astronomy

Dr. Eric Sandquist

Cal Poly Corporation (San Luis Obispo): “Establishing a Diverse Community of Expert Rubin Observatory Users throughout the California State University System,” **\$23,446**

Biology

Dr. Kinsey Brock

California Institute for Biodiversity: “Rescuing the Herpetology Collection at San Diego State University,” **\$48,846**

Dr. Matthew Edwards

California Sea Grant College Program: “Universal Hatchery System for Developing New Seaweed Strains for Land-based Aquaculture Production,” **\$33,509**

Dr. Carrie House

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

National Cancer Institute: “Alternative NF- κ B Activation in Post-chemotherapy Setting to Elucidate Novel Mechanisms of Ovarian Cancer Relapse,” **\$339,552**

Dr. Marina Kalyuzhnaya and Dr. Elizabeth Waters

U.S. Department of Energy Office of Science: “BER-RENEW iSAVe: New Energy Sciences Workforce to Advance Innovations in Sustainable Arid Vegetation,” **\$243,606**

Dr. Robert Luallen

National Institute of General Medical Sciences: “Understanding the Mechanisms of Intracellular Filamentation by Bacteria,” **\$376,250**

Dr. Ty Roach

Michigan State University: “The Role of Betaine Lipid Biochemistry in Coral Thermal Tolerance,” **\$93,349**

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

U.S. Department of Defense U.S Navy: “Dune Restoration at Naval Base Coronado (NBC) and Pollinator Study at Naval Auxiliary Landing Field (NALF) San Clemente Island (SCI),” **\$27,415**

Dr. Nancy Zuniga Pena

Johns Hopkins University: “Towards Sustainable Cultured Meat: A Predictive Genome-Scale Adipocyte Model Informed by Multi-Omics Analysis and Media Manipulation,” **\$100,000**

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,” **\$225,490**

Mathematics and Statistics

Dr. Ricardo Carretero

National Science Foundation: “Collaborative Research: New Directions for Vortex Dynamics in Atomic Bose-Einstein Condensates (BECs): From Theory and Computation to Physical Experiments,” **\$49,633**

Psychology

Dr. Elva Arredondo

National Heart, Lung, and Blood Institute: “Enhancing Capacity in Faith-based Organizations to Implement and Sustain Multilevel Innovations to Improve Physical Activity,” **\$65,550**

Dr. Theresa Cronan

Magee-Womens Research Institute and Foundation: “Frontiers in Substance Abuse Disorders During Pregnancy, Postpartum, and Pediatrics (FrSADP3),” **\$6,021**

Dr. Linda Gallo

University of Illinois at Chicago: “Hispanic Community Health Study/Study of Latinos (HCHS/SOL) Ancillary Study (AS) on Coronary Artery Calcium and its Association with Protective/Risk Factors and Epigenetic Patterns,” **\$66,501**

Dr. Janice Hau

National Institute of Mental Health: “Mapping Lifespan Trajectories of White Matter in Autism and Improving Reproducibility through Shared Diffusion Magnetic Resonance Imaging (MRI) Data,” **\$18,812**

Dr. Keith Horvath

National Institute of Mental Health: “eSTEP: An Integrated mHealth Intervention to Engage High-risk Individuals Along the Full Pre-Exposure Prophylaxis (PrEP) Care Continuum,” **\$230,997**

National Institute on Drug Abuse: “Minority Stress, Stimulant Use, and Human Immunodeficiency Virus (HIV) among Sexual Minority Men: A Biopsychosocial Approach,” **\$38,984**

Dr. Georg Matt

California Tobacco-Related Disease Research Program: “Tobacco Policy Research Center for Tobacco and the Environment,” **\$1,011,645**

Dr. Sarah Mattson

National Institute on Alcohol Abuse and Alcoholism: “Exploring Risk and Resilience Factors in Families of Children with Fetal Alcohol Spectrum Disorders (FASD): A Mixed Methods Approach,” **\$39,125**

Dr. Jennifer Thomas

National Institute on Alcohol Abuse and Alcoholism: “Sleep Characteristics in Children and Adolescents with Prenatal Alcohol Exposure,” **\$39,125**

Dr. Kristen Wells

University of Arizona: "Ethnicity and Lung Cancer Survival: A Test of the Hispanic Sociocultural Hypothesis," **\$9,482**



Marketing

Dr. Iana Castro

Mental Health America of San Diego: "Wellness Equity Program (WEP): CalFresh Healthy Living Project (CFHL)," **\$14,500**

Price Philanthropies Foundation: "BrightSide Produce Expansion into City Heights," **\$47,250**



Ms. Trisha Richter

Frieda Berlinski Foundation: "Berlinski One Book One San Diego," **\$30,000**



Ms. Mary Catherine Ellis

Northwestern University: "NNLM Data Visualization Challenge Bright Futures Award, Complex Visualization (Award)," **\$500**

Dr. Cristina Alfaro

Parent Institute for Quality Education: "Parent Institute for Quality Education (PIQE) Evaluation," **\$33,375**



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," **\$58,418**



Dr. Noel Bezette

U.S. Department of Energy U.S. Department of Defense Office of Postsecondary Education: "Student Support Services Project for Students with Disabilities," **\$348,514**

INTERDISCIPLINARY PROGRAMS

Dr. Saul Maldonado and Dr. Cristina Alfaro

U.S. Department of Energy Office of English Language Acquisition: "Project LEAL - Leadership, Equity and Access for Languages," **\$586,381**

Dr. Arif Engin, Dr. Baris Aksanli, and Dr. Miranda Parker-Sheffield

National Science Foundation: "S-STEM: CYBER - Community Bridge to Engineering and Research," **\$75,000**

Dr. María Zúñiga, Dr. Joanna Brooks, Dr. Jennifer Imazeki, Dr. Eileen Pitpitan, Dr. Mark Reed, and Dr. Lauren Willner

National Cancer Institute: "SDSU FUERTE: Faculty United towards Excellence in Research and Transformational Engagement," **\$4,668,857**

Dr. Jing Zhao, Dr. Changqi Liu, and Dr. Nancy Zuniga Pena

National Institute of Food & Agriculture: "Unlocking the Green Potential: Genome-scale Metabolic Modeling for Microalgae-based Food Innovation," **\$595,400**

Dr. Kristen Wells and Dr. Guadalupe Ayala

National Institute on Minority Health and Health Disparities: "SDSU HealthLINK Center for Transdisciplinary Health Disparities Research," **\$4,433,485**

Dr. Maria Keckler, Dr. Sean Hauze, and Dr. Shiloh Williams

National Science Foundation: "I-Corps: Translation Potential of Virtual Reality Simulation Technology to Enhance Empathetic Concern and Compassionate Care among Medical Students and Healthcare Professionals," **\$50,000**

Dr. Emilio Ulloa and Dr. Stacy Ochoa Mikrut

U.S. Department of Education Office of Postsecondary Education: "SDSU Hispanic Serving Institution (HSI) Science, Engineering, Technology, and Mathematics (STEM) and Articulation Program," **\$789,370**