August 2025
Awards Received
Total: *$13,257,121*

SDSU College of Arts and Letters

History

Dr. Edward Blum
Jack Miller Center: "September 17 Constitution Day Keynote," **$2,400**

Geography

Ms. Miranda Rose, Dr. Janet Franklin, and Dr. Daniel Sousa
National Aeronautics and Space Administration: "From Species to Landscapes: Integrating Field Observations and Hyperspectral Imagery to Understand the Spatial and Temporal Dynamics of Plant Phenology," **$205,360**

SDSU College of Education

Administration, Rehabilitation, and Postsecondary Education

Dr. Frank Harris
Achieving The Dream Inc.: "Community College Equity Assessment Lab," **$15,000**

Dr. Felisha Herrera Villarreal
Alfred P. Sloan Foundation: "Advancing Science, Technology, Engineering, and Mathematics (STEM) Experiential Learning at Two- and Four-year Hispanic Serving Institutions," **$25,000**

Educational Leadership

Dr. Douglas Fisher
Guadalupe Educational System, Inc. (GES): "National Center for Urban School Transformation | Home (NCUST): Executive Coaching Support for Guadalupe Educational System, Inc. (GES) 25-27," **$139,620**

Special Education

Dr. Jessica Suhrheinrich
University of California at San Diego: "San Diego Leadership Education in Neurodevelopmental and Other Related Disabilities (LEND)," **$111,850**

Teacher Education

Dr. Nicholas Johnson
National Science Foundation: "National Science Foundation (NSF) CAREER: Investigating Young Children's Learning in Early Childhood Mathematics Classrooms," **$462,259**

SDSU College of Engineering

Aerospace Engineering

Dr. Jun Chen
National Science Foundation: "Collaborative Research: CISE MSI: RDP: CPS: Artificial Intelligence (AI)-Powered Autonomous Systems for Dynamic In-Air Operations," **$320,000**

Dr. Ping Lu
National Aeronautics and Space Administration: "Aerocapture Analysis for Uranus and Neptune Planetary Missions," **$152,139**

Dr. Satchi Venkataraman
Aerospace Corporation: "Design Analyses in Support of Sandwich Structures for Space Applications," **$20,298**

Civil, Construction, and Environmental Engineering

Dr. Reza Akhavian, Dr. Zahra Nili Ahmadabadi, Dr. Christopher Paolini, and Dr. Junfei Xie
National Science Foundation: "NRT-IPP: Smart Construction, Infrastructure, and Buildings through Education, Research, and Cutting-edge Technology (SCIBER-CT)," **$4,500,000**

Electrical and Computer Engineering

Dr. Saeed Manshadi
Computing Research Association (CRA): "Computer and Information Science and Engineering Graduate Fellowships (CS4GRADUS) Fellowship (Fellow: Parya Roustaee)," **$53,000**

Dr. Christopher Paolini
Department of California Highway Patrol: "Testing Services for Police Traffic Radar and Laser Speed Measuring Devices," **$249,999**

Sand City Police Department: "Vehicle RADAR and LiDAR Certifications for Sand City Police Department," **$1,608**

Mechanical Engineering

Dr. George Youssef
National Science Foundation: "Collaborative Research: Uncovering Ballistic Plasticity and Failure Mechanisms of Elastomeric Polymers," **$376,176**

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**

Public Health

Ms. Lisa Asmus
Family Health Centers of San Diego: "Evaluation of the Community Harm Reduction Team (CHRT)," **$15,000**

Ms. Martha Crowe
Save a Life Foundation: "2025 Development of Professional Education Program for Primary Care Practitioners on Sudden Cardiac Arrest Prevention in Youth," **$6,000**

Dr. Amanda Miller
National Institute on Alcohol Abuse and Alcoholism: "Utilizing Implementation Research Methodologies to Adapt an Intervention to Reduce Alcohol Use and Improve Human Immunodeficiency Virus (HIV) Care Outcomes among Men Living with HIV who have Serodiscordant Pregnant Partners," **$156,191**

Dr. Erik Storholm
National Institute of Mental Health: "Intimate Partner Violence and Human Immunodeficiency Virus (HIV) Prevention among Sexual Minority Men," **$234,211**

Social Work

Mr. Paul Brazzel
Price Philanthropies Foundation: "Rosa Parks Parent Center," **$269,969**; and "Social-Emotional Learning Support Program," **$779,888**

Mr. Steve Hornberger
Stepping Higher: "Stepping Higher, Inc. (SHI) Faith-based Behavioral Health Training Academy Renewal," **$5,000**

Speech, Language, and Hearing Sciences

Dr. Laura Coco
American Speech Language Hearing Association: "Medical Spanish for Audiologists Pilot Study," **$10,399**

Dr. Karen Emmorey
National Science Foundation: "Reading with Hands: Exploring the Neural Mechanisms of Fingerspelling Perception," **$53,000**

Ms. Lisa Asmus and Dr. Corinne McDaniels-Davidson
County of San Diego - District 4: "Evaluation Support Services for Ending the Human Immunodeficiency Virus (HIV) Epidemic," **$13,700**

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**

SDSU College of Sciences

Biology

Dr. Kinsey Brock
Society for the Preservation of Natural History Collections: "Saving Precious Specimens and Training the Next Generation of Collections Curators and Researchers," **$10,000**

Dr. Maya Capelson
National Institute of General Medical Sciences: "Nuclear Pore Complexes as Scaffolds for Genome Architecture and Epigenetic Maintenance," **$325,532**

Dr. Richard Cripps
National Institute of General Medical Sciences: "Molecular Genetic Analysis of Members of the Myocyte Enhancer Factor-2 (MEF2) Function in Drosophila," **$41,906**

Dr. Matthew Edwards
University of Southern California: "Research and Restoration of Giant Kelp at Catalina Island, Proof of Principle," **$108,902**

Dr. Kevin Hovel
National Science Foundation: "Do Anthropogenic Stressors Alter the Top-down Effects of Herbivores in Temperate Seagrass Beds? (Fellow: L. Jorrick)," **$53,000**

Dr. Rebecca Lewison
National Cancer Institute: "San Diego State University Advancing Cancer Careers for ExceLlence (ACCEL)," **$320,730**

Dr. Xiaofeng Xu
UT-Battelle LLC: "Data Model Integration for Methane (CH4) at the S1 Bog and CH4 Module Incorporation into the Energy Exascale Earth System Model," **$225,000**

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 Naval Facilities Engineering Command: "Botany Management Program at Naval Auxilary Landing Field San Clemente Island, California," **$328,804**

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)," **$26,597**

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," **$154,174**

Dr. Gregory Holland
National Science Foundation: "Elucidating Bio-Nano Interface Atomic Structure and Peptide Directed Nanoparticle Formation," **$39,868**

Earth and Environmental Sciences

Dr. Jillian Maloney
University of Southern California: "Field Investigation of Complex Faulting Across the San Diego Bay Step-over," **$28,350**; and "Marine Geohazard Assessment in the Outer California Borderland: Fault Network and Mass Wasting Investigation," **$29,263**

Dr. Thomas Rockwell
U.S. Department of the Interior United States Geological Survey: "High Resolution Holocene Slip Rate for the Southern San Andreas Fault at Salt Creek, Salton Trough, California: Collaborative Research Between San Diego State University (SDSU) and United States Geological Survey (USGS)," **$99,997**

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," **$25,284**

Dr. Uduak George
National Science Foundation: "CAREER: Connecting Biology and Mechanics through a Multiscale Modeling of Pubertal Mammary Gland Development," **$111,111**

Dr. Antonio Palacios
U.S. Department of Defense Naval Information Warfare Center (NIWC): "Synchronization of Coupled Nonlinear Oscillators and Signal Reconstruction," **$24,999**

Dr. Samuel Shen
National Science Foundation: "AI2ES Expansion on 4D Space-time Organization of Geophysical Processes, Visualization Tools, and Workforce Development," **$547,344**

Dr. Naveen Vaidya
National Science Foundation: "Collaborative Research: Math-model Informed Neural Network (MINN) Based on Emerging Mathematics in Mosquito-Dengue Biology," **$200,000**

Psychology

Dr. Elva Arredondo
University of Arizona: "Community Partnership for Telehealth Solutions to Counter Misinformation and Achieve Equity (PRIME)," **$115,211**

Dr. Aaron Blashill
National Science Foundation: "Longitudinal Reporting of Children's Gender Identity and Sexual Orientation among Parent-Child Dyads," **$53,000**

Dr. Thereasa Cronan
National Institute on Aging: "SDSU Advancing Diversity in Aging Research (ADAR) Program," **$405,000**

Dr. Inna Fishman
National Science Foundation: "Cerebro-cerebellar Connections and Social Cognitive Development (Fellow: G. Campos)," **$53,000**

Dr. Linda Gallo
Scripps Research Institute: "Scripps Clinical and Translational Science Hub," **$134,804**

Dr. Keith Horvath
National Institute on Drug Abuse: "Minority Stress, Stimulant Use, and Human Immunodeficiency Virus (HIV) among Sexual Minority Men: A Biopsychosocial Approach," **$39,728**

Dr. Sarah Mattson
National Institute on Alcohol Abuse and Alcoholism: "The Effect of Prenatal and Postnatal Adversity on Neurodevelopment and Behavioral Functioning," **$39,689**

Dr. Jessica McCurley
National Science Foundation: "The Role of Minority Stress on Telomere Length among a Diverse Sample of Sexual Minority Men," **$53,000**

University of Pittsburgh: "REFLECT2D: Real-time Engagement for Learning to Effectively Control Type 2 Diabetes," **$26,097**

Dr. Gregory Talavera
University of Washington: "The Impact of Lifestyle and Genetic Factors on Mammographic Density in a Cohort of Hispanic Women," **$23,540**

Dr. Sylvanna Vargas
National Institute of Mental Health: "Using Performance Feedback and Facilitation to Integrate Motivational Interviewing in Teen Helpline Services," **$213,381**

kpbs

Ms. Trisha Richter
California HealthCare Foundation: "Health Care Policy Reporting 24-25," **$20,000**

Frieda Berlinski Foundation: "One Book, One San Diego and Be My Neighbor Day," **$25,000**

SDSU | Imperial Valley

Dr. Guillermina Núñez-Mchiri
Imperial Valley Community Foundation: "SDSU Imperial Valley: Shade for Learning & Community," **$14,000**

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," **$24,779**

San Diego State University: "California State University (CSU) Climate Adaptation Consortium Interim Executive Director," **$380,000**

INTERDISCIPLINARY PROGRAMS

Dr. Hanyang Li, Dr. Luca Carmignani, and Dr. Neil Klepeis
National Science Foundation: "After the Flames in Post-Fire Wildland-Urban Interface (WUI) Homes: Characterization of Toxic Emissions, Environmental Concentrations, and Exposures," **$410,000**

Dr. Hala Madanat and Dr. Stanley Maloy
Arizona State University: "Desert and Pacific Region I-Corps Hub," **$98,807**

Dr. Uduak George and Dr. Karilyn Sant
National Institute of Diabetes/Digestive and Kidney Diseases: "Integrating Computational and Experimental Models to Predict Toxicity of the Pancreas," **$18,245**