

September 2024

Awards Received

Total: \$25,882,291



American Indian Studies

Dr. Olivia Chilcote

San Luis Rey Band of Mission Indians: "Learning Our Truth & Reclaiming Our Land," **\$24,500**

Anthropology

Dr. Seth Mallios

California Office of Historic Preservation: "2023 - South Coastal Information Center Historic Resources (SCIC)," **\$1,000**

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**

Dr. Daniel Sousa

National Aeronautics and Space Administration: "Southern California-based Field and Analytic Support for Pre-, Active-, and Post-Fire Characterization," **\$172,500**



Administration, Rehabilitation, and Postsecondary Education

Dr. Charles Edmund Degeneffe and Dr. Mark Tucker

U.S. Department of Education Office of Special Education/Rehabilitation Services: "Rehabilitation Counseling in the Pacific," **\$199,999**

Dr. Maribe 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)," **\$910,490**

Dr. Adya Meera

New York State Education Department: "Disability Innovation Fund - Sub-minimum Wage to Competitive Integrated Employment (SWTCIE) - New York State - Adult Career and Continuing Education Vocational Rehabilitation (ACCES-VR)," **\$868,631**

Dr. Caren Sax

U.S. Department of Education Office of Special Education/Rehabilitation Services: “Rehabilitation Long-Term Training Program - Vocational Rehabilitation Counseling: Collaboration for Excellence,” **\$200,000**; and “Vocational Rehabilitation Technical Assistance Center for Quality Management (VRTAC-QM),” **\$3,344,560**

San Diego County Superintendent of Schools: “Exceptional Family Resource Center (EFRC) Early Start (ES) Referrals HOPE 24/25,” **\$25,671**

Child and Family Development

Dr. Kelsey Dickson

National Institute of Mental Health: “Hybrid Effectiveness-Implementation Trial of an Executive Functioning Intervention for Children's Mental Health Services,” **\$994,397**

Dr. Sarah Garrity

YMCA of San Diego County: “Child Care Shared Services Alliance (SSA) STEPS Program,” **\$48,200**

Dr. Sarah Rieth

University of California at San Diego: “Expanding the Padres Unidos En Transformacion Y Empoderamiento (PUNETE) Program to Meet Emerging Needs,” **\$88,519**

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,” **\$249,903**

Dr. Laura Owen

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

Educational Leadership

Dr. Jose Escobedo

Lake View Charter School: “National Center for Urban School Transformation (NCUST): Leadership Certificate Program at Lake View Charter 24-25,” **\$60,000**

San Ysidro School District: “Advancing Principal Leadership in Urban Schools Program (A-PLUS) with San Ysidro School District (SYSD) 24-26,” **\$150,000**

Special Education

Dr. Laura Hall, Dr. Kelsey Dickson, and Dr. Bonnie Kraemer

University of North Carolina-Chapel Hill: “Project EXPRESS: EXAMining Intervention to PRomote Executive Function and Social Skills,” **\$303,838**

Dr. Laura Hall and Dr. Paul Luelmo

U.S. Department of Education Office of Special Education/Rehabilitation Services: “Project PIPELINES2: Preparing Intervention Personnel as Early LearnIng Navigators using Equitable Strategies,” **\$200,000**

Dr. Yasemin Turan-Qian and Dr. Melina Melgarejo

U.S. Department of Education Office of Special Education/Rehabilitation Services: “Project PERSPECTIVES - PrEparing ReSPonsive Early Childhood Teachers and Early InterVentionists using Evidence-based Strategies,” **\$249,956**

Teacher Education

Dr. Cynthia Park

U.S. Department of Education Office of Postsecondary Education: “Upward Bound Classic,” **\$479,359**

University of California at San Diego: “California Medicine Region X Hub of Healthcare Opportunity,” **\$35,000**



Aerospace Engineering

Dr. Margherita Capriotti

University of California at San Diego: “Non-Contact Rail Inspection at Track Speed,” **\$44,378**

Dr. Gustaaf Jacobs and Dr. Qi Wang

U.S. Department of Defense Air Force Office of Scientific Research: “Inference of Forcing Kernels in Generalized, Multi-Physics, Dynamic Systems,” **\$170,432**

Dr. Ping Lu

National Aeronautics and Space Administration: “Aerocapture Analysis for Uranus and Neptune Planetary Missions,” **\$144,861**; and “Autonomous End-to-End Trajectory Planning and Guidance for Constrained Entry and Precision Powered Descent by Unified Optimization Theory,” **\$84,000**

Civil, Construction, and Environmental Engineering

Dr. Robert Dowell

GridWrap, Inc.: “Structural Testing of 100-Year-Old Wood Telephone/Utility Poles Wrapped with Carbon Fiber Sheets and Carbon Fiber Connector Tests,” **\$4,551**

Mr. Thomas Zink

U.S. Department of Defense Army Corps of Engineers: “San Clemente Island Botany Program Implementation,” **\$29,983**

Electrical and Computer Engineering

Dr. Saeed Manshadi

Computing Research Association (CRA): “Computer and Information Science and Engineering Graduate Fellowships (CS4GRADUS) Fellowship (Fellow: Parya Roustae),” **\$53,000**

Mechanical Engineering

Dr. Lingping Kong and Dr. Chunting Mi

Solid Energies, Inc.: “A Novel Class of High-energy/Power-density, Long-cycle-life, Roll-to-roll-processed Solid-state Lithium-Air Batteries (SSLAB) for Vehicle Applications,” **\$284,184**

Dr. Karen May-Newman

Evaheart Inc.: “The Effect of Pulse Speed Modulation on Aortic Root Flow Dynamics: Experimental Studies with the EVAHEART LVAS,” **\$44,066**



Physical Therapy

Dr. Sara Gombatto

University of California at San Diego: “SCH: MS-ADAPT: Multi-Sensor Adaptive Data Analytics for Physical Therapy,” **\$64,820**

Public Health

Ms. Lisa Asmus and Dr. Corinne McDaniels-Davidson

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

Dr. Guadalupe Ayala and Dr. Helina Hoyt

National Institute on Minority Health and Health Disparities: “Imperial County Clinical Research Network for Health Equity,” **\$1,164,303**

Dr. Noe Crespo

National Institute on Minority Health and Health Disparities: “ALIADOS: Advanced Training in Latino Multi-level Intervention ReseArch for DOctoral Scholars,” **\$240,085**

Dr. Jennifer Felner

Office of Minority Health: “Solutions to Intersectional Mental Health Disparities among Youth: Bundling Expressive Arts with Preventative Health Service Navigation,” **\$599,997**

Dr. Eunha Hoh and Dr. Nathan Dodder

Scripps Institution of Oceanography: “The Health of Marine Ecosystem of the Southern California Bight Associated with Offshore DDT+ Dumping,” **\$171,503**

Dr. Nicolas Lopez-Galvez

University of California Office of the President (UCOP) Research Grants Program Office: “Community Engagement-Hero Supplement,” **\$10,010**

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,” **\$196,881**

Dr. Eyal Oren

California Tobacco-Related Disease Research Program: “Evaluation of California Tobacco Control Policies and Their Influence among Youth in California (G. Apollon),” **\$46,751**

Dr. Emily Schmied

RTI International: “Development and Evaluation of Tailored Sexual Assault and Alcohol Misuse Prevention in Military Settings,” **\$56,490**

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: “Implementing an Evidence-Based Trauma Treatment with Community-led Pre-exposure Prophylaxis (PrEP) Navigation for Transgender and Gender Diverse Individuals Affected by Violence and Human Immunodeficiency Virus (HIV),” **\$227,779**

Social Work

Mr. Steve Hornberger and Dr. Michelle Matter

The San Diego Foundation: “Age-Friendly Communities Oceanside,” **\$70,000**

Dr. Jong-Won Min

Vista Hill Foundation: “Mentored Internship Programs (MIPS) with Vista Hill,” **\$24,000**

Dr. Lianne Urada

National Institute on Drug Abuse: “Bupe by the Book: Developing and Testing a Tele-Buprenorphine Intervention in Public Libraries with Unstably Housed Persons with Opioid Use Disorder,” **\$55,059**

Dr. María Zúñiga and Dr. Eileen Pitpitan

National Institute on Drug Abuse: “Addiction Scientists Strengthened through Education and Training (ASSET),” **\$258,472**

Dr. María Zúñiga, Dr. Eileen Pitpitan, and Dr. Mark Reed

National Cancer Institute: “SDSU Faculty United towards Excellence in Research and Transformational Engagement (FUERTE): Recognition of Excellence in Diversity, Equity, Inclusion, and Accessibility (DEIA) and Mentorship in Support of Faculty Success,” **\$371,315**

Speech, Language, and Hearing Sciences

Dr. Alyson Abel

Texas Christian University: “Preparing Speech-Language Pathologist (SLP) Leaders at the Intersection of Research and Practice in CSD and Special Education to Advance the Next Generation of School Speech-Language Pathologists (SLPs) (Project INTERSECT),” **\$249,212**

Dr. Ashley Adams

University of California at Irvine: “Developing A2I Spanish Adaptive Progress Monitoring Assessments for PK3RD Grade,” **\$200,479**

Dr. Laura Coco

University of California at Davis: “Exposure to Hazardous Noise During Common Agricultural Activities,” **\$29,909**

Art Design and History

Professor Annie Buckley

California Arts Council: "Prison Arts Collective 2023-26," **\$587,129**

Music and Dance

Ms. Jessica Humphrey

National Endowment for the Arts: "Portal: Transborder Dance Dialogues," **\$20,000**

Public Affairs

Dr. AJ Kim

Robert Wood Johnson Foundation: "Advancing the use of Geospatial Community Mapping to Inform Governmental Public Health Efforts to Achieve Health Equity," **\$867,445**

Dr. Madison Swayne

University of California at Berkeley: "Evaluating Community Air Protection Program," **\$21,044**

Office of the Dean

Dr. Catherine Atkins

University of California at San Diego: "San Diego Institutional Research and Academic Career Development Award (IRACDA): Professors for the Future," **\$37,415**

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," **\$124,999**

Astronomy

Dr. Jerome Orosz

Planetary Science Institute (PSI): "Detection and Characterization of Circumbinary Planets Around TESS Eclipsing Binaries," **\$37,760**

Biology

Dr. Ted Cranford

U.S. Department of Defense Office of Naval Research: "Investigating Bone-conduction as a Pathway for Mysticete Hearing," **\$100,746**

Dr. Carrie House

National Cancer Institute: “Alternative NF-kB Activation in Post-chemotherapy Setting to Elucidate Novel Mechanisms of Ovarian Cancer Relapse,” **\$82,831**

Dr. Megan Jennings

Conservation Biology Institute: “Forecasting the Impacts of Climate Change, Land Use Change, and Management on Wildfire Risk and Downstream Impacts in Southern California's Montane Forests and Surrounding Shrublands,” **\$30,762**

USDA Forest Service: “A Climate-Informed Conservation Strategy for Southern California's Montane Forests,” **\$150,000**; and “Science to Action: Supporting the Wildfire Crisis Strategy in Montane Forests of Southern California,” **\$235,909**

Dr. Rebecca Lewison

National Cancer Institute: “San Diego State University Advancing Cancer Careers for Excellence (ACCEL),” **\$320,744**

Dr. Anca Segall

Rady Children's Hospital San Diego: “Phage Therapy of Multi-Drug Resistant Infections in Cystic Fibrosis (CF),” **\$34,000**

Mr. Thomas Zink

U.S. Department of Defense Naval Facilities Engineering Command: “Botany Management Program at Naval Auxiliary Landing Field San Clemente Island, California,” **\$321,720**

National Forest Foundation: “U.S. Forest Service (USFS) Ecology Wildfire Crisis Strategy (WCS) Monitoring Project,” **\$199,481**

Dr. Nancy Zuniga Pena

U.S. Department of Energy Office of Science: “Genome-Scale Modeling of Microbial Members in the Rhizosphere under Fluctuating pH and Temperature,” **\$180,329**

Chemistry and Biochemistry

Dr. Laura-Isobel McCall

Baylor School of Medicine: “Mechanisms of Myocarditis and Progressive Cardiac Fibrosis in Chronic Trypanosoma Cruzi Infection,” **\$16,405**

Mathematics and Statistics

Dr. Daniel Reinholz

National Science Foundation: “CAREER: Data Analytics for Equity: Supporting Science, Technology, Engineering, and Mathematics (STEM) Faculty to Address Implicit Bias in the Classroom,” **\$179,543**

Psychology

Dr. Nader Amir

McLean Hospital: “Leveraging Machine Learning Approaches to Understand Mechanisms of Exposure Therapy in Real-World Settings (Admin Supplement),” **\$21,841**

Dr. Elva Arredondo

Baylor School of Medicine: “Efficacy Trial of a Program for Weight Loss for Hispanic Fathers and Increased Physical Activity for their Children: 'Healthy Dads, Healthy Kids',” **\$17,429**

Dr. Delwyn Catley

University of Missouri Kansas City: “Addressing Social Determinants of Health to Improve the Diabetes Prevention Program (DPP),” **\$24,673**

Dr. Jessica McCurley

Robert Wood Johnson Foundation: “Robert Wood Johnson Health Policy Research Scholars Program (for Doctoral Student Eduardo Hernandez Mozo),” **\$124,000**

Dr. Gregory Talavera

Columbia University: “Collaborative Cohort of Cohorts for COVID Research (C4R),” **\$199,239**



Ms. Trisha Richter

San Diego State University: “KPBS MACP Funding: Training Fellowship, Engagement, Marketing, Programming, Development,” **\$1,704,000**



Dr. Suzanna Fuentes-Ferreiro

Imperial County Workforce Development Board: “Medical Administrative Assistant 2024,” **\$38,250**



Dr. John Crockett

U.S. Department of Defense Naval Information Warfare Center (NIWC): “Development of New Microbial Fuel Cell Technologies,” **\$183,159**; and “Navy Region SW and NW Site Toxicology and Chemistry,” **\$113,082**

INTERDISCIPLINARY PROGRAMS

Dr. Ming-Hsiang Tsou, Dr. Audrey Beck, Dr. Gabriela Fernandez, Dr. Xiaobai Liu, and Dr. Atsushi Nara

National Science Foundation: “Analyzing Spatiotemporal Changes of Urban Homeless Distribution and Neighborhood Environments using Geospatial Artificial Intelligence (GeoAI) with Street View Images and Satellite Images,” **\$450,000**

Dr. Lisa Lamb, Dr. Meredith Houl, Dr. Susan Nickerson, Dr. Randolph Philipp, Dr. David Pullman, and Dr. Donna Ross

National Science Foundation: “Advancing Teacher Leadership in Urban Schools (ATLUS): The SDSU Noyce Mathematics and Science Master Teaching Fellowship Program,” **\$263,938**

Dr. Sonja Pruitt, Dr. Carol Robinson-Zañartu, and Dr. Patricia Sánchez Lizardi

U.S. Department of Education Office of Special Education/Rehabilitation Services: “PUEDE2: Interdisciplinary Collaboration to Enhance Outcomes for High Needs MLs,” **\$250,000**

Dr. Hala Madanat and Dr. Richard Cripps

National Cancer Institute: “1/2 Cancer Research and Education to Advance HealTh Equity (CREATE) Partnership,” **\$1,143,914**

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 & Stewardship (CNNCTS),” **\$3,411,752**

Dr. Paul Gilbert and Dr. John Elder

University of California at San Diego: “San Diego Resource Center for Advancing Alzheimer's Research in Minority Seniors - Analysis Core (AnC),” **\$21,776**

Dr. Elva Arredondo, Dr. Guadalupe Ayala, and Dr. Scott Roesch

National Cancer Institute: “Connmigo: A Multi-level Mother-daughter Physical Activity Intervention for Pre-adolescent Latinas,” **\$621,934**