

SDSU

INTERDISCIPLINARY PROGRAMS



Dr. Trent Biggs and Dr. Natalie Mladenov
Total: \$41,125

Environmental Protection Agency: "Real-time Monitoring of Water Quality in the Tijuana River," **\$41,125**



From left: Trinity Magdalena-Weary (SDSU Civil, Construction, and Environmental Engineering), Andre Harvey (Argonauts), Rob Wood (Argonauts), Stephany Garcia (SDSU Geography), Adolfo Lopez-Miranda (SDSU Geography), Callie Summerlin (SDSU Environmental Sciences), and Kurt Sellen (Argonauts).

Photo courtesy of Rob Wood.



Dr. David Kamper, Dr. Neil Klepeis, Dr. James Lange, and Dr. Katherine Spilde
Total: \$291,825

California Department of Public Health: "Impact of Nonsmoking Constraints on Tribal Casino Operations," **\$291,825**



Dr. Pascale Marcelli, Dr. Lluvia Flores Renteria, Dr. Changqi Liu, Dr. John Love, Dr. Hala Madanat, and Dr. Ramona Perez
Total: \$999,622

National Institute of Food and Agriculture: "Transnational Approaches to Sustainable Food Futures: Integrated High-Impact Learning Experiences and Pathways to Food Careers," **\$999,622**



Dr. Yasemin Turan-Qian, Dr. Laura Hall, and Dr. Sonja Pruitt
Total: \$249,647

U.S. Department of Education Office of Special Education Programs: "Project Mainsail - M.A. Degree Interdisciplinary Preparation for Speech-language and Early Intervention Leaders in Autism Spectrum Disorder (ASD)," **\$249,647**



Dr. Saul Maldonado and Dr. Cristina Alfaro
Total: \$598,021

U.S. Department of Education Office of English Language Acquisition: "Project LEAL - Leadership, Equity and Access for Languages," **\$598,021**



Dr. Saul Maldonado, Dr. Cristina Alfaro, and Dr. Sera Hernandez
Total: \$749,068

U.S. Department of Education Office of Postsecondary Education: "Developing Effective Bilingual Educators with Resources," **\$749,068**



Dr. Frank Harris and Dr. J. Luke Wood
Total: \$150,000

Center for Organizational Responsibility and Advancement (CORA): "The Community College Equity Assessment Lab (CCEAL) Capacity Building," **\$150,000**



Dr. Thomas Novotny and Dr. Ronald Shadbegian
Total: \$336,056

California Department of Public Health: "The Economic Burden of Tobacco Product," **\$336,056**



Dr. Miguel-Angel Zavala-Perez, Dr. Atsushi Nara, and Dr. Penelope J.E. Quintana
Total: \$135,572

California Air Resources Board: "Improving Mexico Biomass Burning Estimates," **\$135,572**



Dr. Eunha Hoh, Dr. Natalie Mladenov, and Dr. Karilyn Sant
Total: \$197,060

San Diego State University: "Assessing Fate and Toxicity of Microplastics under Coastal Environment Conditions," **\$197,060**



Dr. Karen Emmorey and Dr. Phillip Holcomb
Total: \$468,452

National Institute on Deafness/Other Communication Disorders: "Assessing the Neural Dynamics of Reading in Deaf Adults," **\$468,452**



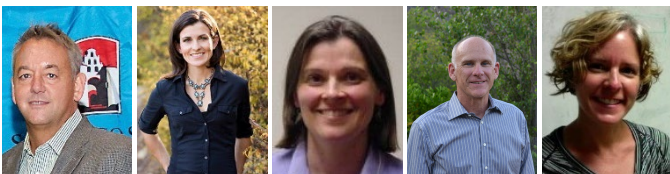
Dr. Madison Swayne and Dr. Jessica Barlow
Total: \$169,256

California EPA Toxic Substances Control Department: "Statewide Inventory of Brownfields in California," **\$169,256**



Dr. Megan Jennings and Dr. Douglas Stow
Total: \$109,749

National Aeronautics and Space Administration: "Spatial Decision Support for Fire Management in Indigenous Cultural and Stewardship Practices," **\$109,749**



Dr. Chris Rasmussen, Dr. Joanna Brooks, Dr. Susan Nickerson, Dr. Michael O'Sullivan, and Dr. Mary Pilgrim
Total: \$53,244

Foundation for California Community Colleges: "A Holistic Approach for Closing Equity Gaps in Precalculus and Calculus," **\$53,244**



Dr. Lluvia Flores Renteria, Dr. Trent Biggs, Dr. Iana Castro, Dr. David Lipson, Dr. Changqi Liu, Dr. John Love, Dr. Pascale Marcelli, Dr. Ramona Perez, and Dr. Amy Quandt
Total: \$5,000,000

USDA Agricultural Research Service: "Expanding and Diversifying Careers in Sustainable Food Systems along the U.S.-Mexico Border," **\$5,000,000**



Dr. Marina Kalyuzhnaya, Dr. Christine Dykstra, and Dr. John Love
Total: \$2,565,447

U.S. Department of Defense Air Force Research Laboratory: "Harnessing Methanotrophic Bacteria for REGAIN: Rare Earth Element Gleaning from Alkaline Tailings," **\$2,565,447**



Dr. Uduak George and Dr. Karilyn Sant
Total: \$182,446

National Institute of Diabetes/Digestive and Kidney Diseases: "Integrating Computational and Experimental Models to Predict Toxicity of the Pancreas," **\$182,446**



Dr. Paul Gilbert and Dr. John Elder
Total: \$137,726

University of California at San Diego: "San Diego Resource Center for Advancing Alzheimer's Research in Minority Seniors," **\$137,726**



Dr. Chris Rasmussen, Dr. Peter Blomgren, Dr. Joanna Brooks, Dr. Susan Nickerson, and Dr. Mary Pilgrim
Total: \$1,439

Foundation for California Community Colleges: "A Holistic Approach for Closing Equity Gaps in Precalculus and Calculus," **\$1,439**



Dr. Rebecca Lewison, Dr. Jessica Barlow, and Dr. Douglas Stow
Total: \$4,000,000

Environmental Protection Agency: “SDSU Thriving Communities Technical Assistance Center (TCTAC) for Environmental Protection Agency (EPA) Region 9: Center for Community Climate Action, Energy and Environment Justice,” **\$4,000,000**



Dr. William Zahner, Dr. Cristina Alfaro, Dr. Sera Hernandez, and Dr. Melissa Navarro
Total: \$131,972

English Learners Success Forum: “SDSU-English Learners Success Forum (ELSF) Classroom Video Case Studies,” **\$131,972**



Dr. Iana Castro and Dr. Piotr Jankowski
Total: \$49,998

National Science Foundation: “CIVIC-PG Track B Walk to Healthy Foods: Modeling Community-Based Assets to Increase Healthy Food Access in Underserved Communities,” **\$49,998**



Dr. Jessica Barlow and Dr. Madison Swayne
Total: \$796,762

California EPA Toxic Substances Control Department: “Community-Wide Assessment of Brownfields in National City, CA,” **\$296,762**

Dr. Jessica Barlow and Dr. Madison Swayne cont.



View of Paradise Creek adjacent to the Welding Shop on West 18th Street in National City. The creek is prone to flooding due to king tides and heavy rain events.

Photo credit: Brittany Cruz-Fejerman.

Environmental Protection Agency: “Community-Wide Assessment of Brownfield Sites in National City, CA,” **\$500,000**



Mr. John McMillan and Dr. Erlinde Cornelis
Total: \$400,000

Minority Serving Institutions STEM R&D Consortium: “California Public Utilities Public Safety Power Shutoffs Impact on Disadvantaged and Minority Communities,” **\$400,000**



Dr. Emilio Ulloa and Dr. Stacy Ochoa Mikrut
Total: \$770,977

U.S. Department of Education Office of Postsecondary Education: “SDSU Hispanic Serving Institution (HSI) Science, Technology, Engineering, and Mathematics (STEM) and Articulation Program,” **\$770,977**