

## INTERDISCIPLINARY PROGRAMS

**Dr. Elva Arredondo and Dr. Mark Sussman** **Total: \$1,192,222**  
National Cancer Institute: *"2/2 SDSU/UCSD Cancer Center Comprehensive Partnership,"* \$1,192,222

**Dr. Guadalupe X. Ayala, Dr. Jose Castillo, Dr. Morteza M. Mehrabadi, Dr. Stanley Maloy and Dr. Kee Moon** **Total: \$2,000,000**  
National Center on Minority Health and Health Disparities: *"Building Capacity and Infrastructure for Population Health and Health Disparities Research at San Diego State University,"* \$2,000,000

**Dr. Todd J. Braje and Dr. Jillian M. Maloney** **Total: \$299,755**  
U.S. Department of Interior: *"Archaeological and Biological Assessment of Submerged Landforms in the Pacific Coast,"* \$299,755

**Dr. Sheila F. Castaneda, Dr. Gregory Talavera and Dr. Linda Gallo** **Total: \$13,132**  
University of California at San Diego: *"Nightly Fasting and Eating Patterns and Cardiometabolic Risk in Hispanic/Latina Women,"* \$13,132

**Dr. Karen Emmorey and Dr. Phillip J. Holcomb** **Total: \$869,087**  
National Science Foundation: *"Neural Tuning of the Reading System,"* \$648,869

U.S. Department of Health and Human Services: *"Assessing the Neural Dynamics of Reading in Deaf Adults,"* \$220,218

**Dr. Linda Gallo, Dr. Gregory Talavera and Dr. Scott Roesch** **Total: \$210,999**  
Scripps/Whittier Institute for Diabetes: *"Mi Puente: My Bridge to Better Cardio-Metabolic Health and Well-Being,"* \$210,999

**Dr. Theresa Garcia and Dr. John Crockett** **Total: \$248,962**  
U.S. Office of Naval Research: *"Advancing Navy STEM Workforce through Education and Research,"* \$248,962

**Dr. Halil Guven and Dr. Chukuka Enwemeka** **Total: \$5,176,749**  
Millennium Challenge Account - Georgia: *"Georgia-SDSU: Degree Accreditation and Institutional Support Initiative for Science, Technology, Engineering and Mathematics,"* \$5,176,749

**Dr. Arash Jahangiri, Dr. Xiaobai Liu and Dr. Sahar Ghanipoor-Machiani** **Total: \$74,948**  
San Jose State University Foundation: *"Developing a Computer Vision-based Decision Support System for Intersection Safety Monitoring and Assessment of Vulnerable Road Users,"* \$74,948

**Dr. Changqi Liu, Dr. David Larom, Dr. John Love and Dr. Ramona Perez** **Total: \$250,000**  
U.S. Department of Agriculture: *"Integrating Indigenous and Urban Farming to Incentivize Latino Agricultural Career Choices,"* \$250,000



Aubrey, Yazeley and Genesis from the Sustainable, Optimized Urban and Latino-driven Agriculture (SOULA) project in the milpa  
PIs: Dr. Changqi Liu, Dr. David Larom, Dr. John Love, Dr. Ramona Perez  
Photo: Ramona Perez

**Dr. Mary Ann Lyman-Hager and Dr. Cristina Alfaro** **Total: \$21,526**  
University of California Office of the President: *"Southern Area International Languages Network (SAILN): State Funds CSMP,"* \$21,526

**Dr. Georg Matt, Dr. P.J.E. Quintana and Dr. Eunha Hoh** **Total: \$270,033**  
Cincinnati Childrens Hospital: *"Contribution of Thirdhand Smoke to Overall Tobacco Smoke Exposure in a Pediatric Population,"* \$270,033

**Dr. Hilary K. McMillan, Dr. Chun-Ta Lai and Dr. Trent Biggs** **Total: \$65,216**  
City of San Diego: *"Surface Water Isotope Composition, Mission Valley,"* \$65,216



Dr. Hilary McMillan collects a water sample after rainfall in San Diego's Murphy Canyon  
PIs: Dr. Hilary McMillan, Dr. Chun-Ta Lai and Dr. Trent Biggs  
Photo: Hilary McMillan

**Dr. Natalie Mladenov and Dr. Eunha Hoh** **Total: \$304,532**  
National Science Foundation: *"WERF: Enhanced Evaluation of the Removal of Contaminants of Emerging Concern in Decentralized Water Reuse Systems by Non-targeted Analysis,"* \$304,532

**Dr. Susan Nickerson, Dr. Janet Bowers and Dr. Randolph Philipp** **Total: \$623,763**

National Science Foundation: *"UPTEMPO: Upgrading the Path to Mathematics Teaching by Adding Express and MultiPle On-ramps,"* \$623,763



Noyce Scholarship recipients with Drs. Janet Bowers (rear, far right), Randy Philipp (rear, second from right), and Susan Nickerson (seated, far left)  
PIs: Dr. Susan Nickerson, Dr. Janet Bowers, Dr. Randolph Philipp  
Photo: Donna Ross

**Dr. Mathias Schulze and Dr. Cristina Alfaro** **Total: \$35,128**

University of California Office of the President: *"Southern Area International Languages Network (SAILN): NCLB Funds,"* \$35,128

**Dr. Bongsik Shin, Dr. Eric G. Frost, Dr. Lance Larson, Dr. Aaron Elkins and Dr. Murray Jennex** **Total: \$80,000**

U.S. Office of Naval Research: *"Augmenting Effectiveness of Threat Modeling Through Threat Intelligence Attributes,"* \$80,000



Threat intelligence researchers participated in the Navy-sponsored Maritime/Air Systems and Technologie (MAST) conference. From left to right, Marc Perez, Dr. Bongsik Shin, Dr. Aaron Elkins, Eric Monette, Alexander Nestler, Lance Cameron, and Dr. Lance Larson  
PIs: Dr. Bongsik Shin, Dr. Eric Frost, Dr. Lance Larson, Dr. Aaron Elkins, Dr. Murray Jennex

**Dr. Dustin B. Thoman and Dr. Felisha A. Herrera Villarreal** **Total: \$1,103,645**

National Science Foundation: *"Understanding and Removing Faculty Barriers for the Adoption and Implementation of Proven Interventions,"* \$1,103,645

**Dr. Kenneth Walsh and Dr. Chukuka Enwemeka** **Total: \$6,813,123**

Millennium Challenge Account - Georgia: *"Georgia Regional Development Fund (GRDF): STEM Support, English Language Center and Student Life Activities,"* \$568,229; *"Georgia-SDSU: Degree Accreditation and Institutional Support Initiative for Science, Technology, Engineering and Mathematics,"* \$6,244,894