Awards Received
July 1, 2017 - June 30, 2018

COLLEGE OF ARTS & LETTERS
Office of the Dean

Dr. Norma Bouchard
Total: $134,992
County of San Diego Office of Financial Planning: "Confucius Statue for The Confucius Institute," $65,000
Grossmont Cuyamaca Community College District: "Basic Skills Partnership Grant," $69,992

Dr. Mary Ann Lyman-Hager and Dr. Christopher P. Brown
Total: $2,521,555
The Institute of International Education: "Language Training Center," $2,000,000; "Project GO (Global Officers)," $380,400

Dr. Mathias Schulze and Dr. Christopher P. Brown
Total: $1,434,085
The Institute of International Education: "Language Training Center," $159,702; "Project GO (Global Officers)," $181,978

Anthropology

Dr. Todd J. Braje
Total: $79,484
National Park Service: "Santa Rosa Island Archaeological Data Recovery," $79,484

Dr. Matthew Lauer
Total: $164,874

SDSU graduate student Mark Strother conducts a household survey with a Mo'orean family
PI: Dr. Matthew Lauer
Photo: Mark Strother
Dr. Seth Mallios
California Office of Historic Preservation: "South Coastal Information Center - FEMA Records Searches," $5,555
San Diego Gas and Electric Company: "Geographic Information System Data Maintenance," $133,056

Moments after discovery, an SDSU student holds two late 19th-century harness buckles that tie directly to Nate Harrison's ranching activities
PI and photo: Dr. Seth Mallios

Chicana & Chicano Studies
Dr. Michael C. Dominguez
Spencer Foundation: "Constructing Latinidad: Literacy, Identity, and Affect Across the Latina/o Diaspora," $35,721

Economics
Dr. Jennifer Imazeki
University of California at Berkeley: "Transforming College Teaching: Statewide Implementation of the Faculty Learning Program," $2,800

Dr. Joseph J. Sabia
Charles Koch Foundation: "Public Policy Interventions and Risky Behaviors," $49,000
University of California at Irvine: "When the War is Done: Combat Exposure and Economic Outcomes of Veterans," $75,000

Geography
Dr. Li An
Dr. Trent Biggs  
San Diego River Park Foundation: "Dissolved Oxygen Improvement Project: Assessment," $12,000  
Southern California Coastal Water Research Project: "Application of Stable Isotope Techniques to Identify Inputs from Local and Imported Water Sources in Non-Stormwater Flows from the MS4," $19,971

Trent Biggs (left) and Garret McGurk (right) monitoring stream flow at Boulder Creek, San Diego County  
PI: Dr. Trent Biggs  
Photo: Martin Offenhauser

Dr. Kathleen Farley  

Dr. Thomas Herman  
Esri Inc: "Coordination of Statewide Student GIS Mapping Competition," $1,000  
Gilder Lehrman Institute: "A More Perfect Union (funded through U.S. Department of Education American History and Civics Education—National Activities Grants Program)," $4,500  
Monterey County Office of Education: "MCOE Teacher Professional Development Workshop," $4,000  
San Diego Unified School District: "Evaluation of School-Age Prevention and Early Intervention Program Central," $40,000; "Evaluation of School-Age Prevention and Early Intervention Program in Central Southeastern Region," $40,000  
South Bay Community Services: "Creating a Culture of Hope and Healing for Traumatized Latino Children," $25,000; "Evaluation of First 5 Targeted Home Visiting Program for South Bay Community Services," $42,000; "Evaluation of School-Age Prevention and Early Intervention Program in South Region of San Diego County," $50,000; "South Region Evaluation: First 5-Healthy Development Services for Children," $79,344

Dr. Piotr Jankowski  
National Institute of Justice: "Development of Advanced Computational and Geographic Visualization Methods for Geospatial and Temporal Strategic Risk Assessment of Crime - C. English," $50,000
Awards Received July 1, 2017 - June 30, 2018

**Dr. Douglas Stow**
National Aeronautics and Space Administration: "Uncoupling Fire and Drought Impacts on Chaparral - E. Storey," $40,390


**Dr. Katherine Swanson and Dr. Thomas Herman**
National Geographic Society: "Coordination of the California Geographic Alliance," $89,675

**Dr. Ming-Hsiang Tsou**

**Institute for Region Studies**
**Dr. Paul Ganster**
California Department of Resources Recycling and Recovery: "The Flow of Used and Waste Tires in California-Mexico Border Region," $27,404

**Latin American Studies**
**Dr. Ramona Perez**
Tinker Foundation Inc: "SDSU/Tinker Foundation Field Research Grants for Latin America," $10,000

**Linguistics & Oriental Languages**
**Dr. Zheng-Sheng Zhang**
U.S. Air Force: "Distinguished Visiting Professor," $343,718

Dr. Zheng-Sheng Zhang (left), SDSU teacher of Chinese, auditing Russian at the U.S. Air Force Academy
PI: Dr. Zheng-Sheng Zhang
Photo: Olga Scarborough

**Political Science**
**Dr. Lei Guang**
University of California at San Diego: "China Data Lab: Understanding China’s Changing Politics, Society and Economics in the Information Age," $33,309; "Making Effective Policy Toward China by Understanding China’s Internal Political Dynamics," $63,048

**Religious Studies**
**Dr. Risa Levitt**
Israel Institute: "Visiting Israeli Professor," $70,000; "Visiting Professor," $60,000
Awards Received July 1, 2017 - June 30, 2018

**Sociology**

**Dr. Minjeong Kim**
Total: $191,000

Academy of Korean Studies: "Workshop for an Edited Volume: Immigration, Marriage, and Multicultural Families in South Korea: Reflections and Future Directions," $18,000

National Science Foundation: "Ethnic Movement, Economy, and Incorporation in a Border Region," $173,000

![Dr. Minjeong Kim](Image)

Dr. Minjeong Kim
Photo: Inyi Choi

**Dr. Sheldon Zhang**
Total: $134,202

European University Institute: "MAPS - Migrants and People Smugglers: A Comparative Study of Smuggling Networks in the Eastern Mediterranean and the Central American Corridors/European University Institute," $23,503


**Women's Studies**

**Dr. Doreen Mattingly**
Total: $446

John Randolph and Dora Haynes Foundation: "In a Feminist State? Women’s Policy Activism in California, 1966-1980," $446
Awards Received July 1, 2017 - June 30, 2018

COLLEGE OF EDUCATION
Office of the Dean

Dr. Joseph F. Johnson, Jr. Total: $3,203,525
San Diego State University: "City Heights Educational Collaborative - Staff Support," $381,540
University of California Office of the President: "California International Studies Project Statewide Office NCLB," $73,110

Dr. Joseph F. Johnson, Jr. and Dr. Emily Schell Total: $168,082
University of California Office of the President: "California International Studies Project Statewide Office CSMP," $168,082

Administration, Rehabilitation & Postsecondary Education
Dr. Charles Degeneffe Total: $630,122
California Department of Rehabilitation: "CaPromise Intern Contract," $405,466
San Diego State University: "CES Master of Science in Rehabilitation Counseling," $24,656

Dr. Frank Harris Total: $40,000
Equal Measure: "RISE for Boys and Men of Color Advisory Board," $40,000

Dr. Marjorie Olney Total: $149,999

Dr. Caren Sax Total: $6,954,712
Association for Learning Environments: "Association for Learning Environments (A4LE) 17/18," $23,460
California Department of Rehabilitation: "EFRC Family Empowerment Center," $254,786
California Department of Rehabilitation: "CA Promise Initiative: California's Proposal for Promoting the Readiness of Minors in Supplement Security Income," $731,491
California Employment Development Department: "Disability Employment Initiative (DEI)," $153,089
Commonwealth of the Northern Marianas Islands: "CNMI Comprehensive Statewide Needs Assessment," $12,087
Federated States of Micronesia: "Special Education Program Monitoring and Technical Assistance," $56,320
Awards Received July 1, 2017 - June 30, 2018

Florida Division of Vocational Rehabilitation: "Florida General CSNA," $103,348
Nevada Department of Employment Training and Rehabilitation: "E/Rehab Website Upgrade, Hosting and Maintenance," $65,740

Poway Unified School District: "EFRC Poway Alternative Dispute Resolution 17/18," $10,000

Rady Children's Hospital San Diego: "High School SUCCESS: Vocational Soft Skills Program for Transition-Age ASD Youth," $28,682

San Diego County Superintendent of Schools: "17/18 EFRC Early Start Referral Services," $25,672; "EFRC Resolutions for Student Success," $73,980

San Diego State University: "Bachelors of Arts Degree in Liberal Arts and Sciences with a Major in Interdisciplinary Studies in Three Departments," $110,266; "MA In Education 15/17-Palau," $16,403

South Carolina Commission for the Blind: "Customized Employment Training and Technical Assistance," $32,400

U.S. Department of Education Office of Special Education and Rehabilitation Services: "Workforce Innovation Technical Assistance Center (WITAC)," $4,838,909

Yosemite Community College District: "DSPS Technical Assistance 17/18," $418,079

Successful CaPROMISE student, Prabjoat (PJ) Swan with Joe Xavier, Director of the CA Department of Rehabilitation and Kristin Wright, Director of the CA Department of Education, Special Education Division PI: Dr. Caren Sax
Photo: Liz Zastrow

Dr. Caren Sax and Dr. Nan Hampton
Total: $200,000

Dr. Mark Tucker
Total: $667,052

California Department of Rehabilitation: "The California Innovations: Work-Based Learning Initiatives (CA Innovations)," $302,407

Florida Department of Education, Division of Blind Services: "Florida Blind Comprehensive Statewide Needs Assessment," $79,989

Virginia Department of the Blind and Vision Impaired: "Virginia DBVI Statewide Comprehensive Needs Assessment," $60,648
Awards Received July 1, 2017 - June 30, 2018

Wisconsin Department of Workforce Development: "Wisconsin Comprehensive Statewide Needs Assessment," $224,008

Dr. J. Luke Wood
California Community College Athletic Association: "Community College Equity Assessment Lab," $40,263

Equal Measure: "RISE for Boys and Men of Color," $40,000

Dr. J. Luke Wood, Dr. Frank Harris and Dr. Marissa Vasquez Urias
Antelope Valley College: "Minority Male Community College Collaborative (M2C3)," $18,597
Northeastern Technical College: "M2C3 Northeastern Technical," $35,000
University of Southern California: "Community College Equity Assessment Lab (CCEAL)," $18,000

Child & Family Development

Dr. Sarah M. Garrity

Preschoolers at Chollas Mead Elementary School make letters of the alphabet using strips of cloth as part of their study of clothes
PI and photo: Dr. Sarah Garrity

Dr. Karen S. Myers-Bowman
YMCA of San Diego County: "San Diego CARES Program," $965

Dr. Sarah R. Rieth
Organization for Autism Research: "Building Community Capacity: Evaluating a Distance Training Model for Underserved, Rural Areas," $29,958

Total: $178,791
Awards Received July 1, 2017 - June 30, 2018

University of California at Davis: "Examining the Efficacy of Classroom Pivotal Response Teaching in Classroom Environments," $22,637

University of California at San Diego: "Building Capacity for Children with ASD in Imperial County: The BRIDGE Collaborative," $14,988; "Reducing Disparities in Early Identification and Intervention for Traditionally Underserved Children and Families," $111,208

**Dr. Shulamit Ritblatt**

**Dr. Rachel H. Schlagel**
Georgia State University: "Mixed Methods Adaptation and Pilot Testing of a Toolkit to Enhance Parent Participation in Home Visitation Programs," $5,000

Palo Alto Veterans Institute for Research: "Improving and Sustaining Delivery of CPT for PTSD in Mental Health Systems," $21,320

University of California at San Diego: "Analysis and Evaluation for Mental Health Services Act (MHSA) Innovation Funded Behavioral Health Programs," $5,926

**Counseling & School Psychology**

**Dr. Patricia Hatch**
California State University Office of the Chancellor: "Professional Learning for College Going Culture Extension Grantees Counseling," $80,000

**Dr. Katina M. Lambros Ortega and Dr. Bonnie Kraemer**

**Dr. Carol Robinson-Zanartu**
U.S. Department of Education Office of Special Education and Rehabilitation Services: "The Native American and Indigenous Scholars Collaborative (NAISC)," $250,000

**Dr. Brent Taylor**
Price Philanthropies Foundation: "Price Charities Counseling Program," $100,000

**Educational Leadership**

**Dr. Douglas Fisher**
The Stuart Foundation: "Principal Preparation and Support 2017," $200,000

The Wallace Foundation: "University Principal Preparation Initiative 2018," $1,860,000
Awards Received July 1, 2017 - June 30, 2018

Dr. Joseph F. Johnson, Jr.
America's Finest Charter School: "School Leadership Support," $15,000

Dallas Independent School District: "District Equity Assessment," $139,712

Inspire Charter Schools: "A-PLUS Program," $20,000

Integrity Charter School: "NCUST Professional Services," $40,000

La Mesa Spring Valley School District: "Equity Audit," $8,400

Marin County Office of Education: "NCUST Professional Learning Networks," $278,160

National University: "Sanford Institute Contract for Services," $60,000

River Springs Charter School: "A-PLUS Program," $64,890

Romoland School District: "School & District Leadership Support," $56,826


Dr. Ian Pumpian
Valley Mountain Regional Center: "Creative Support Alternatives: Independent Living Services Program 2018," $127,478

Dr. Ian Pumpian and Dr. Caren Sax
Alta California Regional Center: "Creative Support Alternatives - Alta Vista 2017," $1,051


Valley Mountain Regional Center: "Creative Support Alternatives: Independent Living Services Program," $54,599

Dr. Johnson visits Chula Vista’s Finney Elementary School, winner of America's Best Urban School Award from NCUST
PI: Dr. Joseph F. Johnson, Jr.
Photo: Joanna Costello
Awards Received July 1, 2017 - June 30, 2018

**Special Education**

**Dr. Jessica Suhrheinrich**
National Institute of Mental Health: "Evaluation of Implementation Factors for ASD Services in School Settings," $178,642

University of California at Davis: "Exploring Multi-level System Factors Facilitating Teacher Training and Implementation of EBP," $73,958

**Teacher Education**

**Dr. Nadine Bezuk and Dr. Estella Chizhik**
CSU Northridge Foundation: "The Future Minority Male Teachers of California (F2MTC) Project," $5,000

**Dr. Lisa Lamb and Dr. Melissa M. Soto**

![Dave Honda, Origami Artist shares his paper art pieces](image)

Pls: Dr. Lisa Lamb, Dr. Melissa Soto
Photo: Jennifer Rolf

**Dr. Cynthia Park**
California Department of Education: "Upward Bound Summer Residential Program 2017," $8,865


**Dr. Randolph Philipp and Dr. Luke Duesbery**
California Community Foundation: "FEDCO Teacher Program," $40,000

**Dr. Johanna Rodenberg**
California State University Long Beach: "Long-Term Institutionalization of CSU Educator Development Reforms in Linked Learning," $25,000
Awards Received July 1, 2017 - June 30, 2018

Dr. Raquel Santa Cruz
San Diego State University: "San Diego Mathematics Project," $6,000

Dr. Emily Schell
California State University Office of the Chancellor: "California Academic Partnerships Program College Going Culture Extension Grant Project," $30,000

Ten Strands: "CISP Environmental Literacy Grant," $60,000

University of California Office of the President: "International Studies Education Project of San Diego (ISTEP) - CSMP State," $31,713; "International Studies Education Project of San Diego (ISTEP) - NCLB," $25,799

Intercultural Ambassador Mohammed Alsehali (Saudi Arabia) teaches students how to write their names in Arabic
PI and photo: Dr. Emily Schell
Awards Received July 1, 2017 - June 30, 2018

COLLEGE OF ENGINEERING
Office of the Dean

Dr. Fredric J. Harris
Astrapi Corporation: "SBIR Phase II: Spiral Polynomial Division Multiplexing (SPDM)," $14,062

Dr. Morteza M. Mehrabadi
San Diego Unified School District: "MESA Summer Camp 2017," $18,860

University of California Office of the President: "2017-2018 MESA Engineering Program (MEP)," $10,000; "Math, Engineering, Science Achievement (MESA) MESA Schools Program (MSP)," $375,000; "MESA Oracle Summer Program," $9,469; "MSP Oracle Summer Program - J. Espino," $9,469

Dr. Eugene Olevsky
University of California Office of the President: "MSP/Oracle Summer Java Program," $8,688

Aerospace

Dr. Gustaaf Jacobs
U.S. Air Force Office of Scientific Research: "Simulation of Particle-Laden Blast Waves with Inter-Scale Coupling and Uncertainty Quantification," $318,231

University of Southern California: "Control of Lagrangian Coherent Structures at Stagnation and Separation Location on Airfoils," $100,925

Dr. Ping Lu

Civil & Environmental Engineering

Dr. Sahar Ghanipoor-Machiani
Virginia Polytechnic Institute and State University: "Safe-D University Transportation Center," $236,203

Driving Simulator at Smart Transportation Analytics Research (STAR) Lab
PI: Dr. Sahar Ghanipoor-Machiani
Photo: Debbie Brighton

Dr. Natalie Mladenov
San Diego River Conservancy: "Increasing Preparedness in the San Diego River Watershed for Potential Contamination Events," $70,000
Awards Received July 1, 2017 - June 30, 2018

**Dr. Natalie Mladenov and Dr. Matthew L. Verbyla**
City of San Diego: "Increasing Preparedness in the San Diego River Watershed for Potential Contamination Events," $20,000

**Dr. Matthew L. Verbyla and Dr. Victor Ponce**
Michigan State University: "Knowledge-to-Practice – K2P: Mapping and Implementing Knowledge to Practice Utilizing the Global Water Pathogen Project (GWPP)," $100,536

**Dr. Thomas A. Zink**
U.S. Army Corps of Engineers: "Dune Enhancement to Support the California Least Tern and Western Snowy Plover at the Silver Strand Training Complex, Naval Base Coronado, California," $60,000; "Proposed Research for Natural Resources Monitoring Navy Region Southwest," $67,783; "San Clemente Island Botanical Program Implementation, NALF San Clemente Island, Naval Base Coronado, California," $544,325

U.S. Naval Facilities Engineering Command: "Dune Restoration at Naval Base Coronado," $19,906

U.S. Navy: "Botany Management Naval Auxiliary Landing Field San Clemente Island," $87,768; "Naval Base Coronado Dune Restoration and Sensitive Plant Species Surveys," $36,580

**Electrical & Computer Engineering**

**Dr. Baris Aksanli**
CSU Fullerton Auxiliary Services Corporation: "GE Digital CSU Innovation Design Challenge," $10,000

**Dr. Madhu Gupta**
Minority Serving Institutions STEM R&D Consortium: "RF/Optical Receiver Sensitivity Degradation from Exposure to High-Power Electrophogenic Pulses or Microwave Signals," $140,614

**Dr. Sunil Kumar**

**Dr. Sunil Kumar and Dr. Huu N. Nguyen**

**Dr. Chunting C. Mi**

Gotion, Inc: "Active Balancing Technology in BMS for Power Battery Systems," $230,930

Huawei Technologies: "200KW Wireless Charging System for EV Project," $239,533

Rutgers University: "Uncertainty Management and Proactive Maintenance for Lithium-ion Batteries in Electrified Vehicles," $91,846

Awards Received July 1, 2017 - June 30, 2018

U.S. Department of Energy Argonne National Laboratory: "High Power Wireless Charging System," $70,000

**Dr. Sridhar Seshagiri and Dr. Yusuf Ozturk**
Total: $22,113
University of Central Florida: "Solar Training and Education for Professionals (STEP)," $22,113

**Dr. Satish Sharma**
Total: $152,224
Fuse Integration: "Resilient Directional Mesh Enhanced Tactical Airborne Networks," $45,000

Space and Naval Warfare Systems Command: "PWS 062 X-band Active Aperture Design and Measurement," $107,224

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Inside view of the anechoic chamber, Antenna and Microwave Lab
PI: Dr. Satish Sharma
Photo: Mr. Abdelkabir Sahnoun

**Dr. Lal Tummala**
Total: $124,950

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**Mechanical Engineering**

**Dr. Asfaw Beyene**
Total: $255,792
U.S. Department of Energy: "Industrial Assessment Centers, SDSU," $255,792

**Dr. Subrata Bhattacharjee**
Total: $115,000
National Aeronautics and Space Administration: "Residence Time Driven Flame Spread Over Solid Fuels," $115,000

**Dr. Randall German and Dr. Eugene Olevsky**
Total: $125,000
National Aeronautics and Space Administration: "Multi-Scale Modeling and Experimentation on Liquid Phase Sintering in Gravity and Microgravity Environments," $125,000
Awards Received July 1, 2017 - June 30, 2018

Dr. Samuel Kassegne
University of Washington: "Engineering Research Center for Sensorimotor Neural Engineering," $321,735

Dr. Kassegne’s NanoFab lab members Ryan Burks, Saray Vazquez, and Abhi Gautam with the PECVD (Plasma Enhanced Chemical Vapor Deposition) chamber in the SDSU’s Cleanroom Facility
PI: Dr. Sam Kassegne
Photo: Debbie Brighton

Total: $321,735

Dr. Parag Katira
U.S. Army: "Biomathematics: Predicting Tissue Dynamics based on Stochastic Variations in Cell Stiffness and Spatial Clustering within the Tissue Environment," $143,797

Total: $143,797

Dr. Fletcher Miller
Excet Inc.: Support to the Wildland-Urban Interface (WUI) Communities Research Program," $136,362

San Diego State University: "ARPA-E Focus Project Post-Doctoral Fellow," $38,262

University of San Diego: “Hybrid Solar Converter with Integrated Thermal Storage," $49,286

Total: $223,910

Dr. Kee Moon
Amosense Co: “Development of Sustainable Power Module for Implantable Medical Devices Based on Ultrasonic Wireless Power Transfer," $112,611

Sejong University South Korea: "Winter Program in SDSU," $58,900

Total: $171,511

Dr. Khaled Morsi
National Science Foundation: "Processing of Fully Dense Nanocomposites through Novel Design," $16,000

Total: $16,000

Dr. Eugene Olevsky

Rapid3materials LLC: "Joining of Nuclear-Grade SiC-SiC Composites by Localized Spark-Plasma Sintering," $44,744

Total: $154,079

Dr. George Youssef

National Aeronautics and Space Administration: "Multifunctional Space Structures," $16,000; "Rim Driven Impeller Pumps for Space Applications," $18,534

Total: $61,231
Awards Received July 1, 2017 - June 30, 2018

COLLEGE OF EXTENDED STUDIES
Office of the Dean

Dr. Joseph F. Johnson  Total: $1,132,762
Al-Elm Information Security Co: "2018 Spring"; "2018 Spring"; "2017 Fall"
Asia University - Japan: "2018 Spring to 2018 Summer"; "2018 Spring"; "2017 Fall to 2018 Spring"
Beijing Hecate Center of Cultural Communication: "2018 Summer"; "2018 Spring"
Busan University of Foreign Studies: "2018 Spring to 2018 Summer"
CETYS Universidad: "Global Leadership"
Cymer Inc: "Lean Six Sigma"
DWGHEUC LLC: "2017 Fall"; "2018 Spring"; "2018 Summer"
Gunma University: "2018 Spring"
International Business School/STS: "2017 Fall"
Miyazaki International College: "2017 Fall"
Navy Federal Credit Union: "Management and Leadership"
Oita University: "2017 Fall"
Semestre de Management Interculturel: "2018 Spring"
Shirayuri Women's University: "2017 Fall"
Toyo Eiwa Jogakuin University: "2017 Fall to 2018 Spring"
UNIVentures, Inc: "Digital Marketing"
American Language Institute

Dr. Barbara Bass

Institute of International Education: "Three-Week English for Graduate Studies Programs for Fulbright Foreign Students," $135,513

Foreign Fulbright students participated in the American Language Institute’s English for Graduate Studies Program

PI: Barbara Bass

Photo: Theresa Perales
FOWLER COLLEGE OF BUSINESS

Finance

Dr. Ning Tang  
TIAA Institute: "Financial Literacy and the Use of Financial Advice," $33,857

Total: $33,857

Management

Dr. Alex DeNoble  
Ilia State University: "Entrepreneurship Training Program," $33,708

Total: $33,708

Dr. John D. Francis  
City of San Diego: "City of San Diego - Small Business Enhancement Program FY 2018 Grant Application," $17,500

Total: $17,500

Dr. Martina Musteen  
U.S. Department of Education Office of Postsecondary Education: "San Diego State University Center for International Business Education Research (CIBER), " $276,800

Total: $276,800

The Spring 2018 Aztec Consulting team worked with Car’s Jars, a local salad delivery company
PI: Dr. John Francis
Photo: Aztec Consulting
Awards Received July 1, 2017 - June 30, 2018

COLLEGE OF HEALTH & HUMAN SERVICES

Exercise & Nutritional Science

Dr. Michael Buono
Cosmetic Laser Dermatology: "A Randomized, Controlled Trial Examining the Effect of Lower-Body Compression on Cycling Performance," $25,000

Leidos Inc: "Validity and Reliability of Energy Expenditure of a Cycle Ergometer," $55,524

Total: $80,524

Dr. Antoinette Domingo
University of California at San Diego: "Functional Comparison Between Nerve and Tendon Transfer after SCI," $16,530

Total: $16,530

Dr. Mark Kern
American Pistachio Growers: "Pistachios as a Recovery Food Following Rigorous Exercise in Trained Athletes," $125,000

Total: $125,000

Dr. Susan Levy
American College of Sports Medicine Foundation: Stand Up Now (SUN): An intervention to increase sit-to-stand transitions in older adults in assisted living facilities- K. Thralls," $5,000

Total: $5,000

Dr. Matt Soto
Northrop Grumman Corporation: "ECHO Grant Submission," $2,542

Total: $2,542

SDSU student and client work on walking during an early morning session at the SDSU Adaptive Fitness Lab

PI: Dr. Matthew Soto
Photo: Jaclyn Zamudio

Dr. Lori Tuttle
National Institute of Child Health and Human Development: "An Innovative Rehabilitation Approach for Women with Anal Incontinence," $1,067,743

Total: $1,067,743

Dr. Lori Tuttle
Photo: Sim Baweja

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Awards Received July 1, 2017 - June 30, 2018

### Graduate School of Public Health

**Dr. Lisa Asmus**

Total: $189,800


**Dr. Guadalupe X. Ayala**

Total: $163,088

- San Diego State University: "IBACH Staff Support," $93,814; "IBACH Multi-Disciplinary Research," $37,500

- Seattle Children's Hospital & Regional Medical Center: "Parents as Peer Interventionists in Treatment for Pediatric Weight Management," $31,774

**Dr. John W. Ayers**

Total: $500,000

- Burroughs Wellcome Fund: "Increasing Citizen Participation in E-Rulemaking by Harnessing Social Media," $500,000

**Dr. Stephanie Brodine**

Total: $74,136

- Indian Health Council: "CORE Native American Research Centers for Health (NARCH) 7 Project," $7,730; "Student Development Native American Research Centers for Health (NARCH) 7 Project," $51,856

- University of California at San Diego: "Centers of Excellence," $14,550

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Collaborator meeting. (From left) Nasreen Nabizadeh (SDSU Research Assistant), Leticia McClure (Family Health Centers of San Diego, FHCSD), Verna Gant (FHCSD), Shannon Hansen (FHCSD), Jennifer Lehner (San Diego Workforce Partnership), Gabriela Granados-Hannosh (FHCSD), Malia Green (Townspeople), Lisa Asmus, Ruthanne Marcus (Yale University)

PI: Dr. Lisa Asmus

Photo: Luis Granados
Awards Received July 1, 2017 - June 30, 2018

**Dr. Eric Walsh-Buhi**
Total: $862,940
Centers for Disease Control and Prevention: "A Community-Based Participatory Approach for Reducing STDs among Latino Youth in South Bay, San Diego," $306,470

**Dr. Jerel Calzo**
Total: $59,249
Boston College: "Mechanisms of Health Promotion in Diverse Youth through Gay-Straight Alliances," $59,249

**Dr. Sheila F. Castaneda**
Total: $278,710
Regents of the University of California: "Biopsychosocial and Ecological Correlates of Latina Women’s Sedentary Behavior," $177,029
University of California at San Diego: "Evaluating a Mindfulness-Based Intervention for Diverse Prehypertensive Women," $101,681

**Dr. Heather Corliss**
Total: $63,577
University of Minnesota: "Multilevel Protective Factors for LGB Youth in North America," $63,577

**Dr. Noe Crespo**
Total: $4,854
American Heart Association: "Community-Academic Partnership to Promote Cardiovascular Health among Underserved Children and Families," $4,854

**Dr. Nathan G. Dodder**
Total: $47,900
San Francisco Estuary Institute: "Non-targeted Analysis of Stormwater Runoff Post Wildfires," $12,800; "Non-targeted Analysis of Sediment and Water in San Francisco Bay," $35,100

**Dr. John Elder**
Total: $104,336
University of California at Davis: "Quantifying Heterogeneities in Dengue Virus Transmission Dynamics," $104,336

**Dr. Tracy Finlayson**
Total: $1,455,949
National Institute of Dental and Craniofacial Research: "Developing an Oral Health Behavior Social Support Scale for Mexican-Origin Adults," $1,435,898
University of California at San Francisco: "Influence of Financial Incentives on Oral Disease Management in Young Children," $20,051
Awards Received July 1, 2017 - June 30, 2018

**Dr. Eunha Hoh**

Orange County Water District: "Understanding Formation of a Critical Disinfection Byproduct," $25,000

University of Alaska Fairbanks: "Testing Cellulose Filter Paper to Quantify Whole-Blood POPs in Two Marine Mammals," $22,575

University of Texas Health Science Center at Houston: "Thirdhand Smoke Contamination in a Neonatal Intensive Care Unit (NICU)," $17,000

University of Texas Medical Branch: "Motivational Incentives to Reduce Secondhand Smoke in NICU Infants' Homes," $8,000

**Dr. Eunha Hoh and Dr. Nathan G. Dodder**

California Sea Grant College Program: "Assessing Marine Endocrine Disrupting Chemicals in the Critically Endangered California Condor: Implications for Reintroduction to Coastal Environments," $136,771

**Dr. Melbourne Hovell**

California Department of Health Services: "Women, Infants and Children," $7,433,677

**Dr. Nada O. Kassem**

National Institute on Drug Abuse: "Assessing Toxicity of Waterpipe Tobacco Smoking in Laboratory and Naturalistic Settings," $903,845

**Dr. Susan M. Kiene**

National Institute of Mental Health: "Enhanced Linkage to HIV Care Following Home-Based HIV Testing in Rural Uganda," $1,122,895

**Dr. Brandy J. Lipton**


Dr. Brandy Lipton presents results at the Western Economic Association International meeting in Vancouver.

PI: Dr. Brandy Lipton

Photo: Tim Bersak

**Dr. Hala Madanat**

San Diego County Health and Human Services Agency: "Evaluation of Resident Leadership Academy Program," $95,000
Awards Received July 1, 2017 - June 30, 2018

**Dr. Corinne McDaniels**
Total: $160,357
The Clearity Foundation: "Ovarian Cancer Pilot Project Evaluation," $31,500
University of California at San Diego: "MCC HealthDAT Portal - Proof of Concept," $6,000; "UC San Diego Clinical and Translational Research Institute," $122,857

Dr. Corinne McDaniels
Photo: Kanako Sturgis

**Dr. Thomas E. Novotny**
Total: $70,638
Simon Fraser University: "Tobacco Companies, Public Policy and Global Health," $70,638

**Dr. Eyal Oren**
Total: $6,350
University of California at Berkeley: "Chagas Disease in Pregnant Mexicans of Hospital General de Mexico and Migrants Seen at Johns Hopkins," $6,350

**Dr. Amy Pan**
Total: $34,594
Harder + Company Community Research: "Evaluation Services - Healthy Works: Prevention Initiative and Resident Leadership Academy," $5,665
The Children's Initiative: "Data to Action - Reducing Child Injury and Death," $16,229

**Dr. Tanya E. Penn**
Total: $163,269
Hospital Association of San Diego and Imperial Counties: "2019 HASDIC CHNA," $151,630
Kaiser Foundation Research Institute: "Cultivate Growth Workforce Capacity Assessment," $11,639

**Dr. P.J.E. Quintana**
Total: $7,750
University of Washington: "San Ysidro Port-Of-Entry Community Air Study," $7,750

**Dr. P.J.E. Quintana and Dr. Eunha Hoh**
Total: $601,884
California Tobacco-Related Disease Research Program: "Remediation of Tobacco Toxicants Polluting Low-Income Multiunit Housing," $601,884

**Dr. Elizabeth Reed**
Total: $174,974
National Institute of Mental Health: "ESTIMA: Empowerment of Sex Workers To Increase Social and Economic Mobility," $174,974
Awards Received July 1, 2017 - June 30, 2018

**Dr. Gregory Talavera**
Total: $2,015,329
National Heart, Lung, and Blood Institute: "Hispanic Community Health Study-Study of Latinos (HCHS-SOL) San Diego Field Centers," $1,118,128
National Institute of Nursing Research: "Latinos Understanding the Need for Adherence in Diabetes (LUNA-D)," $596,921
University of California at San Diego: "Effects of Avocado Intake on the Nutritional Status of Families," $97,996
University of Illinois: "Persistent Organic Pollutants, Endogenous Hormones and Diabetes in Latinos," $3,443
Wake Forest University Health Sciences: "Epidemiologic Determinants of Cardiac Structure and Function (ECHO-SOL2)," $54,430

**Dr. Tianying Wu**
Total: $26,000
University of Michigan: "Randomized Controlled Trial to Improve Oncology Nurses' Protective Equipment Use," $26,000

**Nursing**

**Dr. Beverly Carlson**
Total: $29,760
University of California at San Diego: "UC San Diego Clinical and Translational Research Institute," $29,760

**Dr. Philip A. Greiner**
Total: $2,000
The American Geriatrics Society: "Geriatrics Workforce Enhancement Program (GWEP)," $2,000

**Social Work**

**Dr. Melinda Hohman**
Total: $2,442,344
University of California at Berkeley: "Title IV E Bachelors of Social Work Programs," $2,442,344

**Dr. Steven Hornberger**
Total: $664,822
California Department of Social Services: "Strategies 2.0," $610,969
Casey Family Programs: "Priority Access to Services and Support," $53,853

**Dr. Jong Won Min**
Total: $2,435,199
San Diego County Alcohol and Drug Services: "Driving Under the Influence Program (DUIP)," $2,435,199
Awards Received July 1, 2017 - June 30, 2018

Ms. Jennifer Tucker-Tatlow

County of Riverside Department of Public Social Services: "Riverside County New Practice Implementation," $454,913

County of San Bernardino: "Safety Organized Practice Implementation (2015-18)," $1,893,900


Ventura County: "PCWTA Simulation Preparedness Training Plan," $46,507; "Ventura Child Welfare Training 18/19," $583,750

Ms. Jennifer Tucker-Tatlow and Dr. Jennifer N. Baum
California Department of Social Services: "Child Welfare Training," $6,520,345

County of Riverside Department of Public Social Services: "Riverside County New Practice 18/19," $559,899

County of San Bernardino: "SB Children and Family Services," $2,243,367

Imperial County Department of Social Services: "Imperial County Training & Coaching 17/18," $105,600

University of California at Berkeley: "CPM Circles-Berkeley FY 17-18," $20,560

Dr. Lianne Urada
National Institute on Drug Abuse: "Community Mobilization and HIV/STI Epidemiology of Female Sex Workers in Mexico," $187,553

Dr. Maria L. Zuniga
San Ysidro Health Center: "Special Projects of National Significance System-Level Workforce Capacity Building Project for Integrating HIV Primary Care in Community Health Care Settings," $53,851
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<tr>
<th>Name</th>
<th>Organization</th>
<th>Title</th>
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<tr>
<td>Dr. Arthur Boothroyd</td>
<td>University of California at San Diego</td>
<td>&quot;A Realtime, Open, Portable, Extensible Speech Lab,&quot; $73,335</td>
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<td>Dr. Karen Emmorey</td>
<td>National Institute on Deafness and Other Communication Disorders</td>
<td>&quot;Language, Modality and the Brain,&quot; $858,742</td>
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<td>National Science Foundation: &quot;Assessing the Contribution of Lexical Quality Variables to Skilled Reading in Profoundly Deaf Adults,&quot; $485,004</td>
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<td>Dr. Carol Mackersie</td>
<td>National Institute on Deafness and Other Communication Disorders</td>
<td>&quot;Self Fitting of Amplification: Methodology and Candidacy,&quot; $453,571</td>
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<td>Dr. Giang T. Pham</td>
<td>National Institute on Deafness and Other Communication Disorders</td>
<td>&quot;Language-Literacy Growth in Vietnamese Children With and Without Language Impairment,&quot; $137,211</td>
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<td>Dr. Sonja Pruitt</td>
<td>American Speech Language Hearing Association</td>
<td>&quot;ASHA BOD, National NSSLHA Institutional Stipend,&quot; $7,801</td>
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<td>Dr. Lewis Shapiro</td>
<td>National Institute on Deafness and Other Communication Disorders</td>
<td>&quot;Neurocognitive Approaches to Communication Disorders,&quot; $201,922</td>
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<td>Dr. Peter Torre</td>
<td>Georgetown University</td>
<td>&quot;Central Auditory Processing Function among HIV-infected and Uninfected Adult Men and Women,&quot; $71,258</td>
<td>$582,538</td>
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<td>National Institute on Deafness and Other Communication Disorders: &quot;The Association of Perinatal HIV Infection and Hearing Loss in Children of Cape Town, South Africa,&quot; $474,090</td>
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<td>Tulane University: &quot;Pediatric HIV/AIDS Cohort Study III Coordinating Center,&quot; $13,260</td>
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Dr. Torre and colleagues at the Association of Perinatal HIV Infection and Hearing Loss in Children meeting. (From left) Peter Torre, Barbara Laughton (Stellenbosch University), Tzy-Jyun Yao (Harvard University), Ernesta Meintjes (University of Cape Town), and Marcin Jankiewicz (University of Cape Town)

PI and photo: Dr. Peter Torre
Awards Received July 1, 2017 - June 30, 2018

IMPERIAL VALLEY CAMPUS

Dr. Suzanna Fuentes-Ferreiro  
Total: $668,744

Imperial County Department of Social Services: "Basic Computer & Interpersonal Skills & Employment Empowerment Training," $355,168

Imperial County Office of Education: "2018 Migrant Summer Institute," $237,076

Imperial County Workforce Development Board: "Medical Office Assistant Training 2018," $76,500

Graduates of the “Teaching English Language Learners” program in Ensenada with Ms. Suzanna Fuentes (front, second from right), Francisco Javier Fernandez, Baja California English Language Coordinator (front, second from left) and Ing. Jorge Menchaca, Ensenada Chamber of Commerce and Tourism President (front, third from right)  
PI: Dr. Suzanna Fuentes-Ferreiro  
Photo: Sistema Educativo Estatal de Ensenada
Awards Received July 1, 2017 - June 30, 2018

COLLEGE OF PROFESSIONAL STUDIES & FINE ARTS

Music & Dance

Dr. Charles Friedrichs
University of California Office of the President: "Southern California Arts Project (NCLB)," $62,802; "Southern Counties Arts Project (CSMP)," $67,198

Total: $130,000

Recreation & Tourism Management

Dr. Gene Lamke
City of Coronado: "Camperships for Coronado Residents, Camp Able," $7,320

Total: $7,320

School of Public Affairs

Dr. Shawn Flanigan
University of Southern California: "Access to Opportunity- Housing Policy and Multigenerational Poverty," $56,800

Total: $56,800

Dr. Alan C. Mobley
California State University San Francisco: "Project Rebound," $82,142

Total: $82,142

Dr. Reynaldo T. Rojo-Mendoza

Total: $87,925

Dr. Sherry Ryan
San Diego Association of Governments: "GO by BIKE Mini-Grant - SDSU Bike to Campus Day," $3,000

San Jose State University Foundation: "A Micro-Scale Analysis of Cycling Demand, Safety and Network Quality," $75,000

Total: $78,000
Awards Received July 1, 2017 - June 30, 2018

COLLEGE OF SCIENCES
Office of the Dean

Dr. Catherine Atkins Total: $256,186
University of California at San Diego: “Institutional Research and Academic Career Development Award," $13,104

Dr. Catherine Atkins and Dr. Stanley Maloy Total: $2,449

Dr. Susan Baxter Total: $100,000
National Science Foundation: "Type II: California State University Innovation Site," $100,000

Dr. Lance Larson Total: $7,899

The United States Cyber Command unifies the direction of cyberspace operations and strengthens Department of Defense cyberspace capabilities. SDSU researchers help create standard operating procedures and support systems for Defensive Cyber Operators.
P1: Dr. Lance Larson
Photo: U.S. Navy

Dr. Estralita Martin Total: $45,250
CSU Sacramento University Enterprises Inc: "CSU Louis Stokes Alliance for Minority Participation Phase IV," $15,000; "CSU Louis Stokes Alliance for Minority Participation Senior Alliance (2013-2018)," $30,250

Dr. Dena Plemmons Total: $259,665

Dr. Patrick Shoemaker Total: $97,882
Awards Received July 1, 2017 - June 30, 2018

**Astronomy**

**Dr. Robert Quimby**

California Institute of Technology: "GROWTH: Global Relay of Observatories Watching Transients Happen," $7,500

Space Telescope Science Institute: "Resolving the Connection Between Superluminous Supernovae and Star Formation in Dwarf Galaxies," $8,965

University of California at San Diego: "Panoramic SETI," $7,410


![Image of SDSU's 1.3m Phillips Claud telescope](image)

- SDSU’s 1.3m Phillips Claud telescope is used to classify and study rare supernovae
- PI: Dr. Robert Quimby
- Photo: Jeneene Chatowsky

**Dr. Eric Sandquist**

National Aeronautics and Space Administration: "The Open Cluster NGC 1817: A Meeting of Asteroseismology, Stellar Pulsation, and Eclipsing Binaries," $22,369

**Dr. Allen Shafter**


**Biology**

**Dr. Sanford Bernstein**


National Institute of General Medical Sciences: "Genetics and Molecular Biology of Striated Muscle Myosin," $540,693
Awards Received July 1, 2017 - June 30, 2018

**Dr. Kevin Burns**
Total: $97,000
National Science Foundation: "Collaborative Research: Admixture Mapping of a Hybrid Zone to Test Tinbergen's Emancipation Hypothesis," $51,000; "The Relative Roles of Natural and Sexual Selection in Speciation: A Case Study in the Tanagers (Thraupidae) - R. Price-Waldman," $46,000

Brian Myers, PhD student in Evolutionary Biology, recording hummingbird sounds for his project on the role of hummingbird courtship in speciation.
PI: Dr. Kevin Burns
Photo: Brian Myers

**Dr. Richard M. Cripps**
Total: $247,758
National Science Foundation: "Defining a Molecular Mechanism for Paralogous Compensation," $247,758

**Dr. Douglas Deutschman**
Total: $30,000
U.S. Department of Interior: "Hermes copper butterfly translocation, reintroduction, and surveys," $30,000

**Dr. Douglas Deutschman and Dr. Jeremy D. Long**
Total: $17,026
U.S. Department of the Interior National Park Service: "Partnership to Provide Student Internships in Field Sciences," $17,026

**Dr. Matthew Edwards**
Total: $65,493
California Sea Grant College Program: "Minimizing Disturbance Impacts by California Vessel Mooring Systems on Living Rhodolith Benthos in Catalina MPA's: An Experimental Assessment," $65,493

**Dr. Kim Finley**
Total: $9,545
Labyrinth Holdings, LLC: "Assessing the Impact of Generally Regarded as Safe Compounds on Adult Longevity Profiles, Stress and Inflammation Responses using a Drosophila Model," $9,545

**Dr. Christopher Glembotski**
Total: $423,930
National Heart Lung and Blood Institute: "Harnessing the Adaptive ER Stress Response in Myocardial Ischemia," $376,250

National Institutes of Health: "The Adaptive Cardiac Sensor, ATF6, Regulates ANP Secretion and Decreases Hypertensive Stress- E. Blackwood," $31,573

University of Cincinnati: "Molecular Mechanism of Hypertrophic Cardiomyopathy in South Asian Descents," $16,107

**Dr. Marshal C. Hedin**
Total: $518,999
National Science Foundation: "Collaborative Research: Phylogenetics, Hybridization and Speciation in Habronattus Jumping Spiders (Salticidae)," $518,999
Awards Received July 1, 2017 - June 30, 2018

Dr. Kevin Hovel

Dr. Marina Kalyuzhnaya
Intrexon Corporation: "Intrexon Training Grant," $100,000
San Diego State University: "Optimization of Methane Utilization," $8,000
Tradewater LLC: "Bacterial Production of Ectoine and Lipase: Coal Mine Methane Valorization," $107,360

Dr. Scott Kelley
University of California at San Diego: "MSI Graduate Fellowship – P. Torres," $23,768
University of Chicago: "Mechanistic Modeling of Microbial Metabolic Succession in the Built Environment," $25,009

Dr. Rebecca Lewison
California Department of Fish and Wildlife: "Climate Resilient Connectivity for the South Coast Province," $59,565; "Modeling Mule Deer Sighting in San Diego County," $118,696
National Science Foundation: "Spatial ecology of wild felids in the context of a fragmented and rapidly developing landscape - G. Schmidt," $46,000
University of California at Santa Barbara: "Center for Excellence and Diversity in Team Science (CREDITS)," $15,842

Ecology MS Student, Kylie Curtis, conducts radio telemetry to locate a collared mule deer for a study on deer distribution and conservation in San Diego County in partnership with the California Department of Fish and Wildlife.
PI: Dr. Rebecca Lewison
Photo: Emma Tomaszewski

Dr. Rebecca Lewison and Dr. Douglas Deutschman

Dr. Rebecca Lewison and Dr. Megan K. Jennings
City of San Diego: "Monitoring of the San Diego Feral Pig Removal Program in San Diego County," $10,000

Dr. David Lipson
University of Exeter: "Methane Production in the Arctic: Under-recognized Cold Season and Upland Tundra Methane Sources Arctic Methane Sources (UAMS)," $182,049

Total: $113,720
Total: $215,360
Total: $48,777
Total: $240,103
Total: $117,620
Total: $10,000
Total: $182,049
Dr. Jeremy D. Long  
**Total:** $46,800  
National Science Foundation: "What You Can't See CAN Hurt You: Interspecific Indirect Genetic Effects, Omnivores Fellowship – S. Rinehart," $46,000  
The Wetland Foundation: "Testing for Latitudinal Variation in Feeding Preferences of the Lined Shore Crab Pachygrapsus Crassipes in California Salt Marshes," $800  

![Photo](image1.jpg)  
Graduate student Jan Walker studies the effects of the lined shore crab, Pachygrapsus crassipes on the California salt marsh plant community  
PI and photo: Dr. Jeremy Long  

Dr. Kathleen McGuire  
**Total:** $42,240  
Vaxiion: "Efficacy, Immune Mechanism(s), and Pharmacokinetic/Biodistribution Properties of Vaxiion’s Investigational Minicell Product Intended for Use in Bladder Cancer," $42,240  

Dr. Walter Oechel  
**Total:** $49,990  
U.S. Department of Agriculture Foreign Agricultural Service: "Norman E. Borlaug International Agricultural Science and Technology Fellowship Program," $49,990  

Dr. Walter Oechel and Dr. Samuel Shen  
**Total:** $222,580  
City College of New York: "Cooperative Remote Sensing and Technology Center (CREST)," $222,580  

Dr. Walter Oechel and Dr. Donatella Zona  
**Total:** $8,534  
Harvard University: "Multi-scale Data Assimilation and Model Comparison for ABoVE to Identify Processes Controlling CO2 and CH4 Exchange and Influencing Seasonal Transitions in Arctic Tundra Ecosystems," $8,534  

![Photo](image2.jpg)  
SDSU/UC Davis PhD student Kyle Arndt troubleshooting equipment in an eddy covariance tower measuring CO2 and CH4 fluxes from tundra ecosystems  
PIs: Dr. Donatella Zona, Dr. Walter Oechel, Dr. David Lipson  
Photo: Josh Hashemi
Dr. Walter Oechel, Dr. Donatella Zona and Dr. David Lipson  
Total: $259,000  
National Aeronautics and Space Administration: "Temporal and Spatial Patterns of and Controls on Arctic and Boreal Forest CO2 and CH4 Fluxes in the ABoVE Domain," $259,000

Dr. Joy A. Phillips  
Total: $30,040  
University of Nebraska Medical Center: "EP67 - Based Targeted Mucosal Vaccines to Prevent Primary Infection with CMV," $30,040

Dr. Javier Piedrafita  
Total: $709,551  
Torrey Pines Institute for Molecular Studies: "Novel RORgamma Antagonists for Inflammation and Autoimmune Disease," $709,551

Dr. Forest Rohwer  
Total: $60,000  
Cystic Fibrosis Research Inc: "Bacteriophage-mediated spread of virulence factors in cystic fibrosis microbiome," $60,000

Dr. Forest Rohwer and Dr. Robert Edwards  
Total: $28,595  
AmpliPhi Biosciences Corporation: "Metagenomic Analysis of Patient BAL Samples," $28,595

Dr. Joy Phillips presents a poster at the Center for Medicinal Cannabis Research Symposium  
PI: Dr. Joy Phillips  
Photo: Roberto Gallardo

Dr. Javier Piedrafita  
Total: $709,551  
Torrey Pines Institute for Molecular Studies: "Novel RORgamma Antagonists for Inflammation and Autoimmune Disease," $709,551

Dr. Forest Rohwer  
Total: $60,000  
Cystic Fibrosis Research Inc: "Bacteriophage-mediated spread of virulence factors in cystic fibrosis microbiome," $60,000

Dr. Forest Rohwer and Dr. Robert Edwards  
Total: $28,595  
AmpliPhi Biosciences Corporation: "Metagenomic Analysis of Patient BAL Samples," $28,595

Undergraduate Holly Norman works in the anaerobic chamber growing phages  
PI: Dr. Robert Edwards  
Photo: Ashelyn Lutrick
Awards Received July 1, 2017 - June 30, 2018

Dr. Anca Segall  
Virginia Polytechnic Institute and State University: "Integrative Genomics Approach to Computational Assessment of Threats," $24,505

Dr. Nicholas Shikuma  

National Science Foundation: "Transcriptional Response of Coral Larvae to Known Metamorphosis-Inducing Bacterial Product and its Implication for Natural Coral Repopulation - A. Alker," $46,000

San Diego State University: "Mechanisms of Bacteria-Induced Animal Metamorphosis," $60,000

Alexandra Strom, an undergraduate majoring in Cell and Molecular Biology in the Shikuma lab  
PI and photo: Dr. Nicholas Shikuma

Dr. Michael Simpson and Dr. Lluvia H. Flores Renteria  
National Science Foundation: "Digitization TCN: Collaborative Research: Capturing California Flowers: Using Digital Images to Investigate Phenological Change in Biodiversity Hotspot," $25,602

Dr. Mark Sussman  
American Heart Association: "Lineage Contribution of Adult c-Kit+ Cardiac Progenitor Cells in Embryonic and Neonatal Development," $26,844

National Heart, Lung, and Blood Institute: "Chromatin Content and Regenerative Potential of Cardiac Progenitor Cells -K. Broughton," $59,166; "Restoring Myocardial Healing," $1,742,983; "Stemness" and Differentiation Potential is Defined by Metabolism in Cardiac Progenitor Cells: D. Kubli," $60,990

National Institutes of Health: "Regulation of Signal Transduction to Treat Heart Failure," $376,250

Dr. Mark Sussman and Dr. Natalie A. Gude  
National Heart Lung and Blood Institute: "Resolving Myocardial Regeneration by Tracking Commitment of C-Kit+Cells," $376,250

Dr. Ricardo Zayas  
National Science Foundation: "CAREER: Functional Analysis of Ubiquitin-Mediated Pathways Controlling Stem Cell Fate and Tissue Regeneration," $140,000

Dr. Thomas A. Zink  
AECOM Technology Corporation: "AECOM SDGE Seed Testing - CNF EPM Restoration," $94,162

Total: $25,602  
Total: $2,266,233  
Total: $376,250  
Total: $140,000  
Total: $408,052
Awards Received July 1, 2017 - June 30, 2018


Dr. Donatella Zona, Dr. Walter Oechel, Dr. Xiaofeng Xu and Dr. David Lipson Total: $350,005
National Science Foundation: "Methane at the Zero Curtain," $350,005

Chemistry & Biochemistry

Dr. Bernt Mikael Bergdahl Total: $8,000
Law Offices of Quintin G. Shammam: "Chemical Synthesis of Lagunamide A, an Important Cyanobacterial Metabolite with Extraordinary High Anti-Cancer Activity," $8,000

Dr. Douglas Grotjahn and Dr. Andrew L. Cooksy Total: $180,000
National Science Foundation: "Experimental and Computational Studies of Bifunctional Organometallic Catalysis," $180,000

Dr. Douglas Grotjahn and Dr. Diane Smith Total: $235,210

Dr. Jeffrey Gustafson Total: $766,250
National Institute of General Medical Sciences: "MIRA: Atropisomerism as a Means to Increase Target Selectivity and as Inspiration for New Chemistry," $766,250

National Science Foundation: "Regio- and Enantioselective Electrophilic Aromatic Substitution on Drug-Like Molecules," $390,000

Dr. Gregory P. Holland Total: $452,957

Graduate student David Onofrei matches and tunes the Nuclear Magnetic Resonance probe
PI: Dr. Greg Holland
Photo: Dillan Stengal
Awards Received July 1, 2017 - June 30, 2018

Dr. Tom Huxford
InhibRx: "X-Ray crystallography of InhibRx antibody complexes," $9,000
University of Nebraska Medical Center: "Development of Quinoxaline-Based IKKbeta Inhibitors for Kras Driven Cancers," $52,679

Total: $61,679

Dr. John Love
U.S. Department of Agriculture Foreign Agricultural Service: "Brewing Resource Education Workshop," $61,745

Total: $61,745

USDA Fellows Watch Hop Harvesting at Star B Hop Farm
PI: Dr. John Love
Photo: John McMillan

Dr. Byron W. Purse
National Science Foundation: "Bright and Responsive Fluorescent Nucleosides from Structure-Photophysics Relationships," $130,000; "Next-Generation Fluorescent Nucleosides and Structure-Photophysics Relationships," $414,249

Total: $544,249

Undergraduate student McKenzie Wyllie works in the Purse lab on creating new fluorescent modifications of DNA for applications in biophysics
PI and photo: Dr. Byron Purse

Dr. Christal D. Sohl
National Cancer Institute: "The Molecular Mechanism of Isocitrate Dehydrogenase Mutations in Cancer," $219,412

Total: $219,412

Dr. William Stumph
California Metabolic Research Foundation: "Arne N Wick Fellowship," $41,000; "Enzyme Regulation, Lipid and Carbohydrate Metabolism," $80,000

Total: $720,998
National Science Foundation: "Exploring How Protein Conformation Influences Assembly of Transcriptional Complexes on snRNA Gene Promoters," $599,998

**Dr. Manal A. Swairjo**
National Institute of General Medical Sciences: "RNA Modification: Structure and Mechanism," $431,284

SDSU graduate student Susan Bayooz conducting purification of ancient enzymes on an FPLC system in the Swairjo Lab
PI: Dr. Manal Swairjo
Photo: Debbie Brighton

**Dr. William Tong**
American Chemical Society: "Georgia: Student Travel Award," $2,500

Audentia, Inc.: "Nonlinear Laser Wave Mixing for Trace Detection of Explosives," $43,000

National Institute of General Medical Sciences: "SDSU Initiative for Maximizing Student Development," $529,847

**Computer Science**

**Dr. Xiaobai Liu**

**Dr. Marie Roch**


**Dr. Marie Roch and Dr. Roger Whitney**
U.S. Department of Interior: "Phase II Development of the Tethys PAM Metadata System," $250,000

**Dr. Wei Wang**
National Science Foundation: "NeTS: EAGER: Exploring Smart Media Pricing In QoE-Driven Network Economics To Revitalize Wireless Multimedia Resource Allocation," $100,000

**Dr. Tao Xie**

**Dr. Bing Zhu and Dr. Jose Castillo**
The Henry Ford: "Web Archiving Service," $11,520
Awards Received July 1, 2017 - June 30, 2018

**Geological Science**

**Dr. Shuo Ma**
Total: $91,860
U.S. Geological Survey: "Further Validation of a Dynamic Earthquake Model to Produce Realistic Near-Field Ground Motion," $56,860

University of Southern California: "Can Fault Gouge Reduce Effects of Fault Roughness on Rupture Dynamics?," $25,000; "A Collaborative Project: Rupture Dynamics, Validation of the Numerical Simulation Method," $10,000

**Dr. Jillian M. Maloney**
Total: $6,498
California Sea Grant College Program: "Investigation of Blind Faults in the Sacramento-San Joaquin Delta – S. Klotsko," $6,498

**Dr. Kim Olsen**
Total: $299,827
U.S. Air Force Research Laboratory: "3D Regional Wave Propagation with Q(f) in East Asia for North Korea Nuclear Tests," $132,441

University of Southern California: "Community Software for Extreme-Scale Computing in Earthquake System Science," $77,000; "SDSU BBP Module Extension: Ground Motion Correlation, Duration, and Multi-Segment Ruptures," $25,000

Willis Limited: "Phase 1: Enhanced Loss Calculation Based on 3D Ground Motion Calculations for the Pacific Northwest," $65,386

**Dr. Kim Olsen and Dr. Daniel Roten**
Total: $180,408
National Science Foundation: "PREEVENTS Track 2: 3D Nonlinear Simulation of Large Earthquakes on the Southern San Andreas Fault," $180,408

**Dr. Thomas Rockwell**
Total: $137,220

Dr. Tom Rockwell in Santorini Caldera, Greece. On his left is the GPS and seismic equipment. The volcano last erupted in 1950, but it is the CA 1600 BC eruption that is attributed to causing the demise of the Minoan civilization.
PI: Dr. Tom Rockwell
Photo: Kim Rockwell
Awards Received July 1, 2017 - June 30, 2018

University of Southern California: "Collaboration to Construct a SCEC Community Paleoseismic Model," $33,000; "Crustal Architecture of the Western Transverse Ranges, Southern California: The Potential for Great Earthquakes," $30,000; "Refining the earthquake chronology of the last millennium along the Cholame segment of the San Andreas fault," $7,500

Dr. Daniel Roten
University of Southern California: "A Collaborative Project: Rupture Dynamics, Validation of the Numerical Simulation Method," $10,000

Dr. Daniel Roten and Dr. Kim Olsen
University of Southern California: "A Multi-surface Plasticity Model for 3D Wave Propagation Simulation Using AWP," $29,999

Dr. Stephen Schellenberg
National Science Foundation: "Investing in the Future of Paleoclimate Research: U.S. Graduate Student Fellowships for the Urbino Summer Schools in Paleoclimatology," $27,000

Mathematics & Statistics

Dr. Barbara Bailey

Dr. Ricardo Carretero

Dr. Christopher Curtis
National Science Foundation: "Collaborative Research: Nonlinear Waves and Vorticity in Oceanic Flows," $99,706

Dr. Jerome Gilles

Dr. Antonio Palacios

U.S. Space and Naval Warfare Systems Command: "Synchronization of Nonlinear Oscillators and Nonlinear Signal Reconstruction," $40,953

Dr. Daniel Reinholz
University of Colorado Boulder: "Collaborative Research: Access Network: Supporting Retention and Representation in Physics Through an Alliance of Campus-Based Diversity Programs," $14,324; "Departmental Action Teams: Sustaining Improvements in Undergraduate STEM Education Through Faculty Engagement," $62,297
Awards Received July 1, 2017 - June 30, 2018

Dr. Peter Salamon  

Dr. Samuel Shen  
University of Washington: "Collaborative Research: RNMS: Statistical Methods in Atmospheric and Oceanic Sciences," $40,000

Dr. Naveen Vaidya  
National Science Foundation: "Mathematical Models to Study the Effects of Drugs of Abuse on HIV Infection and Neurocognitive Disorder," $78,027

Dr. William Zahner  
National Science Foundation: "CAREER: Fostering Productive and Powerful Discussions among Linguistically Diverse Students in Secondary Mathematics," $175,106
SRI International: "Collaborative Research: Investigating How English Language Learners Use Dynamic Representational Technology to Participate in Middle School Mathematical Practices" $108,307

Dr. Calvin Johnson  
National Nuclear Security Administration: "Ab Initio Calculation of Neutron-Capture Reactions on Light Nuclei," $75,000
University of North Carolina-Chapel Hill: "Nuclear Theory for Double-Beta Decay and Fundamental Symmetries," $20,000

Dr. Lyubov P. Kuznetsova  
National Science Foundation: "Designing Optical Metamaterial Devices with Hyperbolic Dispersion Using Al/Dielectric Nanolayers - P. Kelly," $46,000
Awards Received July 1, 2017 - June 30, 2018

**Dr. Fridolin Weber**


Competing structures and novel phases of subatomic matter predicted by theory to make their appearance in the cores of neutron stars

PI and image: Fridolin Weber

**Psychology**

**Dr. Nader Amir**


Florida State University: "Attention Training to Modify ERN and Risk for Anxiety in Adolescence," $453,462

**Dr. Aaron Blashill**

American Cancer Society: "Skin Cancer Prevention among Sexual Minority Men," $396,000

National Center on Minority Health and Health Disparities: "A Brief, Peer Co-Led, Group-Based Eating Disorder Prevention Program for Sexual Minority Young Adult Men," $677,278


**Dr. Aaron Blashill and Dr. Kristen J. Wells**

National Institute of Mental Health: "Developing a Patient Navigation Intervention for PrEP Continuum of Care among Young Latino MSM," $413,547

**Dr. Thereasa Cronan**

Magee-Womens Research Institute and Foundation: "Frontiers in Aging and Regeneration Research," $12,641

National Institute on Aging: "SDSU ADAR Program," $377,999
Awards Received July 1, 2017 - June 30, 2018

**Dr. Mark Ehrhart**
Total: $11,157
University of California at San Diego: "Testing the Leadership and Organizational Change for Implementation Intervention in Substance Abuse Treatment," $11,157

**Dr. Inna Fishman**
Total: $544,583
National Institute of Mental Health: "Multimodal Imaging of Early Neural Signature in Autism Spectrum Disorder," $529,583
University of California at San Diego: "Community Partnership to Evaluate Clinical Outcomes of Improv Theater Intervention for Teens with Autism," $15,000

![A child participating in Dr. Fishman's MRI studies](Image)

PI: Inna Fishman
Photo: Jiwan Kohli

**Dr. Linda Gallo**
Total: $1,293,850
Michigan State University: "Study of Latinos-Investigation of Neurocognitive Aging," $188,227
University of California at Davis: "MRI Measures of Cerebrovascular Injury and AD Atrophy in a Study of Latinos," $425,355

**Dr. Linda Gallo and Dr. Scott Roesch**
Total: $236,526
Scripps/Whittier Institute for Diabetes: "Medical Assistant Health Coaching for Diabetes in Diverse Primary Care Settings," $236,526

**Dr. Phillip J. Holcomb**
Total: $70,250
National Institutes of Health: "Investigating the Neural Dynamics of Single-Word Reading in Deaf Readers - L. Schwarz-Glezer," $65,250
National Science Foundation: "NSF Graduate Research Opportunities Worldwide (GROW) - G. Meade," $5,000

**Dr. Phillip J. Holcomb and Dr. Katherine Midgley**
Total: $376,250
Awards Received July 1, 2017 - June 30, 2018

Dr. Ruth J. Keehn
Total: $195,916
National Institute of Mental Health: "Impact of Multisensory Function on Symptomatology in Young Children with ASD," $195,916

Dr. Alan Litrownik
Total: $15,730
University of Maryland: "Drug Use Trajectories and the Transition to Adulthood among Maltreated Youth," $15,730

Dr. Vanessa Malcarne
Total: $62,804
Regents of the University of California: "Creating Scientists to Address Cancer Disparities Program," $62,804

Dr. Ksenija Marinkovic
Total: $371,138
National Institute on Alcohol Abuse and Alcoholism: "Spatiotemporal Brain Imaging of Alcohol Effects on Inhibitory Control," $371,138

Dr. David Marx
Total: $30,479
National Science Foundation: "Investigating the Use of Peer Role Models to Inspire Women to Thrive in STEM," $30,479

Dr. Georg Matt
Total: $405,697
California Tobacco Related Disease Research Program: "Effects of Thirdhand Smoke Exposure on the Microbiome of Young Children," $361,180

Cincinnati Children’s Hospital: "An Intervention to Reduce Second Hand Smoke Exposure among Pediatric Emergency Patients," $27,517

U.S. Department of Housing and Urban Development: "Thirdhand Smoke as a Source of Lead in Settled House Dust and on Surfaces," $17,000

Dr. Sarah Mattson
Total: $777,106

Dr. Eileen Moore
Total: $614,692

Master’s student Ami Ikeda, Undergraduates Marissa DeVinny and Alicia Green at the Research Society on Alcoholism meeting
PI and photo: Dr. Eileen Moore
Awards Received July 1, 2017 - June 30, 2018

University of California at San Diego: "Pharmacological Treatment to Improve White Matter Plasticity in FASD," $30,000

**Dr. Ralph-Axel Müller**

National Institute of Mental Health: "Integrity and Dynamic Processing Efficiency of Networks in ASD," $637,056

National Science Foundation: "Too Much Information: Neural Mechanisms of Efficient Filtering - L. Mash," $46,000

**Dr. Ralph-Axel Müller and Dr. Inna Fishman**

Autism Speaks: "Neural Correlates of Psychological Well-being in ASD Throughout the Transition to Young Adulthood- M. Reiter," $32,000

Members of the Brain Development Imaging Labs tour the new SDSU MRI Center  
PIs: Dr. Inna Fishman and Dr. Ralph-Axel Müller  
Photo: Inna Fishman

**Dr. Edward Riley**

National Institute on Alcohol Abuse and Alcoholism: "Administrative Core of the CIFASD," $830,410;  
"Congresses of the International Society for Biomedical Research on Alcoholism," $30,790

**Dr. Edward Riley and Dr. Susan Tapert**

National Institute on Alcohol Abuse and Alcoholism: "Alcohol Research in the Science/Practitioner Model," $413,443

**Dr. Scott Roesch**

University of California at Davis: "2/2 Effectiveness of a Multi-Level Implementation Strategy for ASD Interventions," $21,094

University of California at Los Angeles: "Sustainment of Multiple EBP's Fiscally Mandated in Children's MH Services," $21,123

University of California at San Diego: "Effectiveness and Implementation of a Mental Health Intervention for ASD," $17,182;  
"Identifying Quality Indicators within Multiple EBP Delivery in Child Mental Health Services," $85,099;  
"Impact of Privacy Environments for Personal Health Data on Patients," $24,245;  
"System of Care Evaluation," $102,917;  
"Testing the Leadership and Organizational Change for Implementation Intervention in Substance Abuse Treatment Programs," $22,971

Total: $683,056

Total: $32,000

Total: $861,200

Total: $413,443

Total: $294,631
Awards Received July 1, 2017 - June 30, 2018

**Dr. Dustin B. Thoman**
University of Virginia: "Fostering Resilient Mindsets Through Customized Interventions," $33,255

University of Wisconsin-Madison: "Promoting Motivation in Undergraduate Biology and Chemistry Courses," $335,426

**Dr. Jennifer Thomas**
National Institute on Alcohol Abuse and Alcoholism: "Fetal Alcohol Effects and Choline Intervention," $364,195; "Fetal Alcohol Spectrum Disorders Study Group Annual Meeting" $20,650; "The Effects of Combined Developmental Ethanol and THC Exposure on Behavioral Development in Rats," $216,165

**Dr. Vanessa Robin Weersing**
National Institute of Mental Health: "2/2-Family Cognitive Behavioral Prevention of Depression in Youth and Parents," $343,378

**Dr. Vanessa Robin Weersing and Dr. Nader Amir**
Kaiser Foundation Research Institute: "Effectiveness Trial of Cognitive Bias Modifications for Adolescent Anxiety," $299,995
Awards Received July 1, 2017 - June 30, 2018

**Dr. Jillian L. Wiggins**  
Total: $35,000

Brain & Behavior Research Foundation: "Pathways of Risk and Resilience: Neural Predictors of Irritability in At-Risk Offspring of Mothers with Depression," $35,000

Ysabella Panggat sets up a cognitive test for a participant to perform during an MRI scan  
PI: Dr. Jillian Lee Wiggins  
Photo: Translational Emotion Neuroscience & Development Laboratory

**Dr. May Yeh**  
Total: $102,265

University of San Diego: "Personalizing Parent Training Interventions for Culturally Diverse Families," $102,265
Awards Received July 1, 2017 - June 30, 2018

ACADEMIC AFFAIRS
Office of the Vice President

Dr. Chukuka S. Enwemeka
Total: $105,204
Sonovia Holdings LLC: "Effect of Blue Light on Propionibacterium Acnes: Time-kill Studies II," $105,204

Division of Academic Engagement & Student Achievement

Dr. Jessica Barlow
Total: $25,000
Project Professionals Corporation: "SAGE Project," $25,000

Instructional Media Services

Mr. Sean W. Hauze
Total: $30,251
Sinclair Community College: "The STEM Guitar Project," $30,251

STEM Guitar Institute participants shape their custom headstock designs, putting the A in STEAM
PI and photo: Mr. Sean Hauze
Awards Received July 1, 2017 - June 30, 2018

BUSINESS & FINANCIAL AFFAIRS

Dr. Jessica C. Rentto  
Total: $216,000

California Office of Emergency Services: "Campus Sexual Assault (CT) Program," $216,000
## GRADUATE AND RESEARCH AFFAIRS

### Dr. John Crockett

Total: $334,395  


### Dr. Kevin R. Popovic

Total: $10,000  

- Kona Labs: "MeterDog Dashboard," $10,000

### Dr. Stephen C. Welter

Total: $1,323,962  

- San Diego State University: "Grant and Research Enterprise Writing Institute," $47,730

- The San Diego Foundation: "H. G. Fenton Company Idea Lab," $50,000


### Mr. W. Timothy Hushen

Total: $984,665  

Awards Received July 1, 2017 - June 30, 2018

**KPBS – EDUCATIONAL RADIO AND TELEVISION**

**Ms. Monica Medina**

California HealthCare Foundation: "Health Care Policy Reporting 18-19," $248,000

City of San Diego Commission for Arts & Culture: "One Book, One San Diego," $21,872

James Irvine Foundation: "The California Dream Project," $220,000

Media Arts Center San Diego: "Speak City Heights," $108,864

San Diego State University: "Content Desks," $200,000; "Explore Social Media," $40,000; "iMIS," $120,000; "KPBS eXPLORE," $450,000; "KPBS Succession Plan," $100,000; "Major Marketing Plan," $50,000; "One Book One San Diego," $115,000

Southern California Public Radio: "California Counts Collaborative," $121,711


A child hugs popular KPBS TV show character, Curious George, during the 2018 KPBS Kids event, World Thinking Day

PI: Ms. Monica Medina

Photo: KPBS

**Total: $1,834,525**

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**Mr. Vince Petronzio**

Corporation for Public Broadcasting: "Radio Community Service Grant," $596,548; "Television Community Service Grant," $2,526,015; "Television Interconnection Grant," $48,199; "Universal Services Support," $5,010

**Total: $3,175,772**
Awards Received July 1, 2017 - June 30, 2018

STUDENT AFFAIRS

Ms. Miriam C. Castañon  
California Department of Education: "Summer Bridge Program Food Services 17/18," $13,720

Mr. Tony C. Chung  
San Diego Housing Commission: "Guardian Scholar Program," $600,000

Dr. James Lange  
Ohio State University (The): "Director of the Higher Education Center for Alcohol and Drug Misuse Prevention and Recovery," $50,532

Dr. Pamela Starr  
U.S. Department of Education Office of Postsecondary Education: "Student Support Services Project for Students with Disabilities," $7,250
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  

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  

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

Dr. Susan Nickerson, Dr. Janet Bowers and Dr. Randolph Philipp  
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 Alfarо  
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  
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  
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  
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
2017-2018 Sponsor List
The following sponsors support the many programs conducted by SDSU faculty and staff. We are grateful to them for their critical financial support and their commitment to these important programs.

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San Diego County Health and Human Services Agency
San Diego County Superintendent of Schools
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Virginia Department of the Blind and Vision Impaired
Wisconsin Department of Workforce Development

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