Awards Received  
July 1, 2016 - June 30, 2017

ACADEMIC AFFAIRS  
Dr. Chukuka S. Enwemeka, Provost

**Dr. Jessica Barlow**

National Science Foundation: "International Replication of the Epic-N Model," $7,395
San Diego State University: "SAGE Project - Program Administrator," $50,000

Sage Project Director Jessica Barlow presented a session at the Educational Partnerships for Innovation in Communities (EPIC) Framework Workshop in Bonn, Germany  
Photo: ICLEI - Local Governments for Sustainability  
PI: Dr. Jessica Barlow

**Dr. Chukuka S. Enwemeka**

Sonovia Holdings LLC: "Effect of Blue Light on Propionibacterium Acnes: Time-kill Studies II," $281,417

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**Total: $57,395**

**Total: $281,417**
Dr. Norma Bouchard
Grossmont Cuyamaca Community College District: "Basic Skills Partnership Grant," $69,030

Dr. Mary Ann Lyman-Hager


Dr. Mary Ann Lyman-Hager and Dr. Christopher P. Brown
Institute of International Education: "Language Training Center," $1,800,000; "Project GO (Global Officers) at LARC at SDSU," $349,844


SDSU Project GO Chinese Supermarket Excursion
PIs: Dr. MaryAnn Lyman-Hager and Dr. Chris Brown
Anthropology

Dr. Seth Mallios
California Department of Parks and Recreation: "2016-2017 South Coastal Information Center Historic Resources Archive Maintenance (SCIC)," $2,500

Dudek: "Geographic Information System Data Maintenance," $38,400

San Diego County Water Authority: "Geographic Information System Data Maintenance Partnership between San Diego County Water Authority and SDSU Research Foundation," $36,822

San Diego Gas and Electric Company: "Geographic Information System Data Maintenance Between SDG&E and SDSU Research Foundation," $29,400

SDSU undergraduates Leah Hail (left) and Melissa Hare Allen (right) excavate a wealth of late 19th-century cans, bottles, bones, and ceramics at the Nate Harrison site

Photo and PI: Dr. Seth Mallios

Geography

Dr. Li An
Pennsylvania State University: "CNH: Feedbacks Between Human Community Dynamics and Socio-Ecological Vulnerability in a Biodiversity Hotspot," $76,296

Dr. Li An and Dr. Piotr Jankowski

Dr. Trent Biggs
San Diego River Park Foundation: "Sustaining Healthy Tributaries to the Upper San Diego River," $65,000

U.S. Department of Agriculture Agricultural Research Service: "Sediment Source and Load Estimation in the Goat Canyon Watershed, Tijuana, Mexico," $41,000


Dr. Thomas Herman
Esri, Inc.: "Coordination of Statewide Student GIS Mapping Competition," $1,000

San Diego Unified School District: "Evaluation of School-Age Prevention and Early Intervention Program in Central Southeastern Region," $45,000; "Evaluation of School-Age Prevention and Early Intervention Program Central," $45,000
San Ysidro Health Center: "Evaluation of a Youth Empowerment Program II Grant for San Ysidro Health Centers," $18,000

South Bay Community Services: "Creating a Culture of Hope and Healing for Traumatized Latino Children," $27,500; "South Region Evaluation: First 5-Healthy Development Services for Children," $79,344; "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

Dr. Piotr Jankowski
National Science Foundation: "Geoprivacy Attitudes and Personal Location Masking Strategies of Internet User - D. Seidl," $12,528

Total: $62,528


Dr. Arielle Levine
National Fish and Wildlife Foundation: "Socioeconomic Assessment of Coral Reef Dependent Communities in American Samoa and Hawaii," $67,118

Total: $67,118

Dr. Douglas Stow
National Science Foundation: "Landscape-Level Measurements of and Controls on Wildfire Spread Rates," $91,761

Total: $116,726


Dr. Katherine Swanson and Dr. Thomas Herman
National Geographic Education Foundation: "Coordination of California Geographic Alliance," $87,253

Total: $87,253

Institute for Regional Studies of the Californias

Dr. Paul Ganster
California Department of Resources Recycling and Recovery: "The Flow of Used and Waste Tires in California-Mexico Border Region," $139,681

Total: $139,681
**Political Science**  
Dr. Lei Guang  
University of California at San Diego: "The Domestic Roots of China's International Behavior," $83,854

**Religious Studies**  
Dr. Risa Levitt  
Israel Institute: "2017-2018 Visiting Israeli Professor," $70,000

**Sociology**  
Dr. Sheldon Zhang  
California Department of Corrections: "A Descriptive Analysis of Community-Based Programs for California Parolees," $77,778  
California Department of Health Care Services: "DUI Program Curriculum Development and Preparation for Outcome-Oriented Assessment Using Participant Survey and DMV Records," $144,000  

**Women's Studies**  
Dr. Kathleen Jones  
National Endowment for the Humanities: "The Political Theory of Hannah Arendt," $130,161  
Dr. Doreen Mattingly  
John Randolph and Dora Haynes Foundation: "In a Feminist State? Women's Policy Activism in California, 1966-1980," $11,144
Office of the Dean  
Dr. Teresa Cisneros-Donahue  
Total: $2,070  
Berlin School of Economics and Law: "Erasmus: Staff Mobility for Teaching and Training between Programme and Partner Countries," $2,070

Management  
Dr. Alex DeNoble  
Total: $350,000  

Dr. John D. Francis  
Total: $24,974  
City of San Diego: "Small Business Enhancement Program," $24,974

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

Marketing  
Dr. Heather Honea  
Total: $115,000  
P3M: "3M Frontline Sales Conference," $115,000
Dr. Joseph F. Johnson, Jr.                Total: $2,118,927


Integrity Charter School: "NCUST Professional Services Integrity Charter School," $20,000

Price Family Charitable Fund: "School in the Park Aide," $468,958


San Bernardino City Unified School District: "Educational Equity Consultancy Proposal to San Bernardino City Unified School District," $35,834

San Diego State University: "City Heights Educational Collaborative - Staff Support," $376,817


Students at New York City’s PS 31, an America’s Best Urban Schools (ABUS) winner
Photo: courtesy of NCUST
PI: Dr. Joseph F. Johnson, Jr.

Dr. Joseph F. Johnson and Dr. Emily Schell                Total: $286,618
University of California Office of the President: "California International Studies Project Statewide Office CSMP," $286,618
2016-2017 SDSU Awards Listing

**Administration, Rehabilitation & Postsecondary Education**

**Dr. Charles Degeneffe**
California Department of Rehabilitation: "CaPromise Intern Contract," $369,792
San Diego State University: "CES Master of Science in Rehabilitation Counseling (CDER)," $221,341
U.S. Department of Education: "Rehabilitation Long-Term Training Program-Vocational Rehabilitation Counseling," $200,000

Total: $791,133

**Dr. Nan Hampton and Dr. Caren Sax**
U.S. Department of Education Office of Special Education and Rehabilitation Services: "Raising the Bar: Long-Term Training in Rehabilitation Counseling," $400,000

Total: $400,000

**Dr. Felisha A. Herrera Villarreal**
National Science Foundation: "EDUCATIONAL SYSTEMS: Settings Yielding Science, Technology, Engineering, & Math Success (ED-SYSTEMS)," $323,039
Facilitating a workshop for the Society for the Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS) conference (L-R: Research Analysts Gabriela Kovats Sanchez, Melissa Navarro, Maria-Jose Zeledon, & Director Felisha Herrera Villarreal

Total: $323,039

**Dr. Marjorie Olney**

Total: $149,999

**Dr. Caren Sax**
Association for Learning Environments: "Association for Learning Environment (A4LE)," $20,700
California Department of Developmental Services: "EFRC Exceptional Family Resource Center," $163,979
California Department of Education: "EFRC Family Empowerment Center," $254,599
California Department of Rehabilitation: "CaPromise Initiative: California's Proposal for Promoting the Readiness of Minors in Supplement Security Income," $3,921,156
California Employment Development Department: "Disability Employment Initiative (DEI) Round 2," $38,606
Down Syndrome Association: "EFRC: Down Syndrome Association of San Diego Family Support Services 17/18," $15,000
Family Resource Center Network of California: "EFRC Early Start Plus 17/18," $124,353
Federated States of Micronesia: "Special Education Program Monitoring and Technical Assistance," $58,520

Total: $10,954,586
Hawaii Vocational Rehabilitation & Services for the Blind: "2016-17 Hawaii Needs Assessment," $58,624; "Hawaii Vocational Rehabilitation Management Services," $72,949

Idaho Division of Vocational Rehabilitation: "Idaho Comprehensive Statewide Needs Assessment," $46,608

Imperial County Children & Families First Commission: "EFRC Together We're Better," $73,283


Nevada Department of Employment Training and Rehabilitation: "Nevada Training and Technical Assistance 15/17," $44,686

New Jersey Commission for the Blind and Visually Impaired: "New Jersey Needs Assessment," $37,227

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

Rady Children's Hospital San Diego: "High School SUCCESS: Vocational Soft Skills Program for Transition-Age ASD Youth," $30,350; "Pilot Studies of Service Strategies for Adults with ASD," $13,442

San Diego County Office of Education: "EFRC Resolutions for Student Success," $73,980

San Diego County Superintendent of Schools: "EFRC Early Start Referral Services," $17,960

San Diego State University: "Bachelors of Arts Degree in Liberal Arts and Sciences with a Major in Interdisciplinary Studies in Three Departments," $114,234
San Diego/Imperial Counties Developmental Services, Inc.: "EFRC Spanish Phone Calls/Faxes & English Faxes," $138,600


U.S. Department of Education Office of Special Education and Rehabilitation Services: "Workforce Innovation Technical Assistance Center (WITAC)," $5,004,193

Yosemite Community College District: "DSPS Technical Assistance Project," $369,825; "New Directors Project - DSPS Technical Assistance," $92,249

Vice President Steve Welter and Professor Caren Sax hand out SDSU diplomas at the 54th Commencement of Palau Community College
Photo: courtesy of Palau Community College Development Office
PI: Dr. Caren Sax
Dr. Caren Sax and Dr. Nan Hampton
U.S. Department of Education Office of Special Education/Rehabilitation Services: "Collaborative for Distance Education in Rehabilitation: Comprehensive System of Personal Development Rehabilitation Training," $200,000

Dr. Mark Tucker
California Department of Rehabilitation: "The California Innovations: Work Based Learning Initiatives (CA Innovations)," $221,460

Dr. J. Luke Wood
National Science Foundation: "Collaborative Research: Transitioning Learners to Calculus in Community Colleges (TLC3): Advancing Strategies for Success in STEM," $389,569
State Center Community College District: "M2C3 - State Center Community College District," $18,000

Dr. J. Luke Wood and Dr. Frank Harris
College Futures Foundation: "Promising Practices for Improving Student Success for Community College Men of Color," $100,000

Dr. J. Luke Wood, Dr. Frank Harris, and Dr. Marissa Vasquez Urias
Calhoun Community College: "Minority Male Community College Collaborative (M2C3)," $18,597
Milwaukee Area Technical College: "Minority Male Community College Collaborative (M2C3)," $9,889
Mohawk Valley Community College: "Minority Male Community College Collaborative (M2C3)," $18,000
Mt. San Antonio College: "Minority Male Community College Collaborative (M2C3)," $18,597
Napa Valley College: "Minority Male Community College Collaborative (M2C3)," $47,888
Pasadena City College: "Minority Male Community College Collaborative (M2C3)," $33,000
Santiago Canyon College: "Minority Male Community College Collaborative (M2C3)-Santiago Canyon," $47,888

Child & Family Development
Dr. Sascha L. Longstreth
YMCA of San Diego County: "San Diego CARES Program," $835
Dr. Sarah R. Rieth
University of California at San Diego: "Adapting an Evidence Based Program for Infants and Toddlers at High Risk for Autism," $19,932; Examining the Efficacy of Classroom Pivotal Response Teaching in Classroom Environments," $48,389

Dr. Shulamit Ritblatt
Fontana Unified School District: "Families and Schools: Allies for Achievement," $21,015
Hemet Unified School District: "Professional Development Institute, Allies for Achievement," $25,680

Dr. Rachel H. Schlagel
Georgia State University: "Mixed Methods Adaptation and Pilot Testing of a Toolkit to Enhance Parent Participation in Home Visitation Programs," $7,560
Palo Alto Veterans Institute for Research: "Improving and Sustaining Delivery of CPT for PTSD in Mental Health Systems," $10,663
University of California at San Diego: "Analysis and Evaluation for Mental Health Services Act (MHSA) Innovation Funded Behavioral Health Programs," $8,933

Counseling & School Psychology

Dr. Tonika Green
U.S. Department of Education: "Preparing Culturally Affirming Responsive Education Specialists for Foster Youth," $250,000

Dr. Patricia Hatch
California State University Office of the Chancellor: "Professional Learning for College Going Culture Extension Grantees Counseling," $80,000
Fresno Unified School District: "Center for Excellence in School Counseling and Leadership (CESCaL)," $50,000
Imperial County Office of Education: "School Counselor and Administrator Training," $16,500

Dr. Diana Camilo, Coordinator of Special Projects and Dr. Trish Hatch (left), Executive Director of the Center for Excellence in School Counseling and Leadership with Dr. Carl Cohn, Executive Director California Collaborative for Educational Excellence
Photo: Cherri A. Cary
PI: Dr. Trish Hatch
Dr. Brent Taylor                    Total: $100,000
Price Philanthropies Foundation: "Price Charities Counseling Program," $100,000

Dr. Carol Robinson-Zanartu                   Total: $650,000
U.S. Department of Education: "Cultural-Linguistic Advocates for Spanish-Speaking English-Learners (CLASS-EL)," $400,000; "The Native American and Indigenous Scholars Collaborative (NAISC)," $250,000

Dr. Cristina Alfaro                      Total: $12,720
San Diego County Office of Education: "Dual Language & English Learner Conference 2017," $12,720

Dr. Karen Cadiero-Kaplan                   Total: $249,858
State of California Commission on Teacher Credentialing: "Integrated Teacher Preparation Program - Dual Language & English Learner Education," $249,858

Dr. Saul Maldonado          Total: $20,000
Stanford University: "Learning Through Performance in Middle School Mathematics and Science," $20,000

Dr. Douglas Fisher                 Total: $2,434,576
The Stuart Foundation: "California Principal Preparation Re-design," $60,000
The Wallace Foundation: "University Principal Preparation Initiative," $2,374,576

Dr. Joseph F. Johnson, Jr.                    Total: $2,118,927
Lakeside Union School District: "Capacity Building for Principals and Instructional Leadership Teams," $82,681
Romoland School District: "Capacity Building for Principals and Instructional Leadership Teams," $48,951
San Diego Unified School District: "Capacity Building for Principals and Instructional Leadership Teams," $207,850

Dr. James Marshall                    Total: $150,909
California State University San Marcos: "Sustaining and Expanding Mobile Making in Underserved Communities," $150,909

Dr. Ian Pumpian and Dr. Caren Sax       Total: $2,074,649
San Diego Regional Center for the Developmentally Disabled: "Creative Support Alternatives- Supported Living," $1,039,161
Valley Mountain Regional Center: "Creative Support Alternatives: Independent Living Services Program," $100,809
Creative Support Alternative’s 25th Anniversary Picnic
Photo: Kristoffel van de Burgt
PI: Dr. Ian Pumpian and Dr. Caren Sax

**Special Education**

**Dr. Anne Graves**
U.S. Department of Education Office of Elementary and Secondary Education: "Academic Development for the Achievement of Noteworthy Teacher Educators (ADANTE): Bilingual and Special Education Dual Credential Programs to Enhance Language Acquisition and Literacy," $181,723

San Diego/Imperial Counties Developmental Services, Inc.: "The Voices of Latino Families: Enabling Educators, Families and Children-Youth with Special Needs," $5,000

**Dr. Laura Hall**
State of California Commission on Teacher Credentialing: "Integrated Teacher Preparation Grant," $249,887

**Dr. Laura Hall and Dr. Bonnie Kraemer**
University of North Carolina-Chapel Hill: "The Center for Secondary Education for Students with Autism Spectrum Disorders (CSESA)," $525,000

**Dr. Laura Hall and Dr. Yasemin Turan-Qian**
U.S. Department of Education: "Personnel Preparation in Special Education, Early Intervention, and Related Services," $249,999

**Dr. Jessica Suhrheinrich**
National Institute of Mental Health: "Evaluation of Implementation Factors for ASD Services in School Settings," $174,987

Dr. Jessica Suhrheinrich
Photo: Debbie Brighton
2016-2017 SDSU Awards Listing

Teacher Education

**Dr. Luke Duesbery**  
Total: $30,000  
San Diego Unified School District: "Advanced Studies Certification Program," $30,000

**Dr. Lisa Lamb**  
Total: $60,155  
University of California Office of the President: "San Diego Mathematics Project - CSMP (2016)," $24,000; "San Diego Mathematics Project - NCLB13," $36,155

**Dr. Cynthia Park**  
Total: $2,173,495  
California Department of Education: "Upward Bound Summer Residential Program 2016," $12,258; "Upward Bound Summer Residential Program 2017," $1,816  

SDSU Talent Search seniors from Morse H.S. with Talent Search lead advisor, Rachel Rojas  
PI: Dr. Cynthia Park

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

A student tends to Tubman Charter School’s community garden.  
Photo: Fardusa Sharif  
PI: Dr. Randolph Philipp
2016-2017 SDSU Awards Listing

Dr. Johanna Rodenberg
California State University Long Beach: "Advancing Educator Preparation and Communities of Practice for Linked Learning," $25,000

Dr. Rafaela Santa Cruz
San Diego State University: "San Diego Mathematics Project," $5,500


Dr. Emily Schell
California State University Office of the Chancellor: "CAPP College Going Culture Extension Grant Project," $25,000

Ten Strands: "CISP Environmental Literacy Grant," $42,482


Third grade students practice their French language skills with SDSU Intercultural Ambassador Jeremy Normand

Photo and PI: Dr. Emily Schell
University of California Office of the President: "2016-2017 MESA Engineering Program (MEP)," $10,000; "Math, Engineering, Science Achievement (MESA) MESA School Program (MSP) - Imperial Valley," $180,000; "Math, Engineering, Science Achievement (MESA) MESA Schools Program (MSP)," $195,000; "Oracle Summer Program - Java Academy," $7,500

Aerospace Engineering

California Space Grant Consortium: "STEM Research Academy and Outreach," $24,000

National Science Foundation: "Collaborative Research: Shock Interaction with a Complex Hydrodynamic Medium," $207,637

U.S. Department of Defense Air Force Office of Scientific Research: "Simulation of Particle-Laden Blast Waves with Inter-Scale Coupling and Uncertainty Quantification," $312,225

University of Southern California: "Control of Lagrangian Coherent Structures at Stagnation and Separation Location on Airfoils," $114,773

Complete airfoil setup in the SDSU subsonic windunnel. This setup is used to measure aerodynamic loads, such as lift and drag. Photo: Jacobs Lab

Dr. Ping Lu

Dr. Satchi Venkataraman
N&R Engineering: "Uncertainty Quantification of Test Derived Model Parameters for Life Prediction of Composite Bolted Joints in an ICME Framework," $199,800
University of California at San Diego: "Baseline and Residual Strength Characterization of Composite Laminates Under Bearing and Bypass Loading," $12,407

Civil, Construction & Environmental Engineering
Dr. Sahar Ghanipoor-Machiani
Virginia Polytechnic Institute and State University: "National Safety University Transportation Center," $233,751

Dr. Alicia M. Kinoshita
National Aeronautics and Space Administration: "Developing a Satellite-based Post-fire Evapotranspiration Model," $75,000; "Developing a Satellite-based Post-fire Evapotranspiration Model - P. Poon," $45,000

Dr. Alicia M. Kinoshita and Mr. Thomas A. Zink
U.S. Department of Defense Army Corps of Engineers: "Evaluating Potential Environmental Impacts from Channel Morphology and Habitat Changes to the Santa Ana River Downstream," $74,637

Mr. Thomas A. Zink
ACS Habitat Management: "San Clemente Island P-704F Project Restoration," $65,735
<table>
<thead>
<tr>
<th>Researcher/Project</th>
<th>Total</th>
<th>Funding Source</th>
<th>Description</th>
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<tbody>
<tr>
<td>Dr. Baris Aksanli</td>
<td>$10,000</td>
<td>CSU Fullerton Auxiliary Services Corporation</td>
<td>&quot;GE Digital CSU Innovation Design Challenge,&quot;</td>
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<td>Dr. Arif E. Engin</td>
<td>$25,000</td>
<td>Sumitomo Corporation</td>
<td>&quot;Stepped-Impedance Common-Mode Filter in Differential Lines,&quot;</td>
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<td>Dr. Fredric Harris</td>
<td>$61,108</td>
<td>Astrapi Corporation</td>
<td>&quot;Spiral Polynomial Division Multiplexing (SPDM),&quot;</td>
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<td>Atmospheric and Space Technology Research Associates ASTRA</td>
<td>&quot;Programmable Multi-Frequency Transmitter,&quot;</td>
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<td>U.S. Department of Defense Space and Naval Warfare Systems Command</td>
<td>&quot;Tactical Secure Voice SDR Support (FY16),&quot;</td>
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<td>Dr. Sunil Kumar</td>
<td>$157,000</td>
<td>U.S. Department of Defense Air Force Research Laboratory</td>
<td>&quot;Prioritized, QoS-aware Information Transmission Over Congested/Contested Wireless Mesh,&quot;</td>
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<td>Dr. Sunil Kumar and Dr. Huu N. Nguyen</td>
<td>$31,702</td>
<td>U.S. Department of Defense Air Force Research Laboratory</td>
<td>&quot;Design of Novel, Cross-Layer Neighbor Discovery Schemes for Directional Mesh Networks,&quot;</td>
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<td>Dr. Chunting C. Mi</td>
<td>$361,846</td>
<td>Argonne National Laboratory</td>
<td>&quot;High Power Wireless Charging System,&quot;</td>
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<td>Nanjing Golden Dragon Bus Manufacturing Company Ltd</td>
<td>&quot;Joint Laboratory Development and Training,&quot;</td>
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<td>University of Tennessee</td>
<td>&quot;Uncertainty Management and Proactive Maintenance for Lithium-ion Batteries in Electrified Vehicles,&quot;</td>
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</table>
Mr. Yunlong Shang, exchange doctoral student from Shandong University, sets up an experiment to conduct research in battery prognostics.
Photo: Mi Lab
PI: Dr. Chunting C. Mi

Dr. Mahasweta Sarkar                    Total: $60,000
ViaSat Inc.: "Investigation Into a High Quality Customer Experience on a WiFi Network on a Commercial Airliner via ViaSat’s Ka-band High Throughput," $60,000

Dr. Satish Sharma                    Total: $220,000
Space Micro, Inc.: "Compact, Broadband, Efficient and High Power Transmit Antenna for Airborne Electronic Attack Platform," $60,000

Dr. Lal Tummala                    Total: $248,930

Dr. Kaveh Akbari Hamed                    Total: $612,213
National Science Foundation: "NRI: Decentralized Feedback Control Design for Cooperative Robotic Walking with Application to Powered Prosthetic Legs," $612,213
Dr. Ilenia Battiato  
Total: $325,132

Dr. Asfaw Beyene  
U.S. Department of Energy: "Industrial Assessment Centers, SDSU," $308,498  
Total: $308,498

Dr. Subrata Bhattacharjee  
National Aeronautics and Space Administration: "Residence Time Driven Flame Spread Over Solid Fuels," $60,000  
Total: $60,000

Dr. Joaquin Camacho  
National Science Foundation: "International Travel Support for Chemistry and Diagnostics for Clean Combustion International Bunsen Discussion Meeting," $10,000  
Total: $10,000

Dr. Randall German and Dr. Eugene Olevsky  
National Aeronautics and Space Administration: "Multi-Scale Modeling and Experimentation on Liquid Phase Sintering in Gravity and Microgravity Environments," $175,000  
Total: $175,000

Dr. Parag Katira  
University of California at San Diego: "Patient Specific Characterization of Cancer Cell Metastatic Potential using In-Vitro and In-Silico Models of Tumor Microenvironments," $19,244  
Total: $19,244

Dr. Karen May-Newman  
St. Jude Medical Business Services, Inc.: "Effect of a Programmed Pulse on Flow in the Native Cardiovascular System during LVAD Support with the HeartMate III LVAD, Studied in a Mock Circulatory Loop," $17,000  
Total: $17,000

Dr. Fletcher Miller  
San Diego State University: "ARPA-E Focus Project Post-Doc," $30,697  
Total: $30,697

Dr. Kee Moon  
Amosense Co: "Development of Sustainable Power Module for Implantable Medical Devices Based on Ultrasonic Wireless Power Transfer," $106,092  
Total: $167,992
Kagoshima University: "International Academic Cooperation Program," $15,400

Sejong University South Korea: "Winter Program in SDSU," $46,500

**Dr. Khaled Morsi**
National Science Foundation: "Pressure Unassisted Processing of Fully-Dense Nanocomposites through Novel Nano/Micro-Structural Design," $344,517

**Total: $344,517**

**Dr. Eugene Olevsky**
General Atomics Corporation: "Investigation of Novel Joining and Sintering Techniques with Regard to Nuclear Core Materials," $50,000; "Nano-Crystalline Refractory Alloy Development," $45,000


**Total: $220,000**

**Dr. George Youssef**

**Total: $76,531**

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Summer ‘17 Research Experience for Undergraduates
Sophia Do and Sophia Stepp discuss u-spheres characterization.
Photo: Ian Johnson
PI: Dr. George Youssef
Dr. Joseph B. Shapiro, Dean

Office of the Dean

Dr. Joseph B. Shapiro

Aichi University: "2016 Summer"

Al-Elm Information Security Co: "2017 Spring"; "2016 Fall"; "2016 Summer"

Asia University Junior College: "2016 Fall"; "2017 Spring"

BELA Education Group: "2016 Fall - 2017 Spring"

Beijing Hecate Center of Cultural Communication: "2016 Fall"; "2017 Spring"; "2017 Spring and Fall"; "2016 Fall"; "2016 Summer"

Busan University of Foreign Studies: "2017 Spring"; "2016 Fall"

DWGHEUC LLC: "2016 Fall"; "2017 Spring"; "Disney 2017 Spring"; "Disney 2016 Fall"

Gunma University: "2017 Spring"

Gyeongbuk Provincial College: "2016 Summer"

ICD France: "2017 Spring"

International Business School/STS: "2016 Fall"; "BSMP 2016 Summer"

Kagoshima University: "2016 Summer"

Kyoto University: "2016 Summer"

Miyazaki International College: "2016 Fall"

Navy Federal Credit Union: "Various"

Oita University: "2016 Fall"

Shirayuri Women's University: "2017 Spring"; "2016 Summer"

Toyo Eiwa Jogakuin University: "STA Travel 2016 Fall"; "2017 Spring"

U.S. Department of Defense: "ROTC 2016 Summer"

University of California at Santa Cruz: "2016 Fall"; "2016 Summer"

Yokohama National University: "2016 Fall"
COLLEGE OF HEALTH & HUMAN SERVICES
Dr. Lawrence Verity, Interim Dean

**Exercise & Nutritional Science**

**Dr. Michael Buono**

**Dr. Mee Young Hong, Dr. Mark Kern, Dr. Shirin Hooshmand, Dr. Changqi Liu**
National Watermelon Promotion Board: "Effects of Fresh Watermelon Consumption on Satiety and Cardiometabolic Healing," $48,000

SDSU graduate student Jaclyn B. Gaylis and Dr. Mee Young Hong examine effects of watermelon powder on gene expression in colon carcinogenesis.
Photo: Debbie Brighton
PIs: Dr. Mee Young Hong, Dr. Mark Kern, Dr. Shirin Hooshmand, Dr. Changqi Liu

**Dr. Shirin Hooshmand and Dr. Mark Kern**
California Dried Plum Board: "Effect of Dried Plum on Bone and Markers of Bone Status in Osteopenic Men," $120,000

**Dr. Mark Kern**
AmperSand Biopharma LLC: "Double-blind, Placebo Controlled, Randomized Crossover Pilot Study Evaluating the Impacts of Sodium Bicarbonate in Perconium Carrier on Blood Buffering Effects and Exercise Performance," $15,502

**Dr. Mark Kern, Dr. Mee Young Hong, Dr. Shirin Hooshmand, Dr. Changqi Liu**
Columbine Vineyards: "Glycemic and Insulinemic Responses to the Milano Green Grape," $10,047

**Dr. Changqi Liu**
Southern California Section Institute of Food Technologists: "Nutrient Composition of Edible Insects," $11,681

**Graduate School of Public Health**

**Dr. Elva Arredondo**

**Dr. Lisa Asmus**
$5,000; "Minority AIDS Initiative (MAI) Integrated Care Coordination Program Evaluation," $18,000; "Project Pride Evaluation Services," $78,000

San Diego County Health and Human Services Agency: "Program Evaluation Services," $30,000

Dr. Guadalupe X. Ayala
San Diego State University: "IBACH Multi-Disciplinary Research," $37,500

University of North Carolina-Chapel Hill: "Hispanic Community Children's Health: Study of Latino Youth (SOL-Youth)," $20,000;

Seattle Children’s Hospital & Regional Medical Center: "Parents as Peer Interventionists in Treatment for Pediatric Weight Management," $35,630

Dr. Stephanie Brodine
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," $64,702

Dr. Eric R. Buhi

University of Michigan: "Sexual and Reproductive Health for Latina Adolescents," $1,500

Dr. Jerel Calzo
Boston Children's Hospital: "Mechanisms of Health Promotion in Diverse Youth through Gay-Straight Alliances," $16,430

National Institute on Drug Abuse: "Substance Use and Disordered Weight Behaviors in Sexual Minority Youth Contexts," $143,806

Dr. Sheila F. Castaneda
Regents of the University of California: "Biopsychosocial and Ecological Correlates of Latina Women's Sedentary Behavior," $359,314

Dr. Heather Corliss
Brigham and Women's Hospital: "Substance Disorders, Substance Use Treatment, and Sexual Orientation in Youth," $863,678

Community-based participatory research in the South Bay
Photo and PI: Dr. Eric R. Buhi

Total: $93,130

Total: $72,432

Total: $201,500

Total: $160,236

Total: $359,314

Total: $871,178
University of Minnesota: "Multilevel Protective Factors for LGB Youth in North America," $7,500

Dr. Noe Crespo                    Total: $153,881
American Heart Association: "Community-Academic Partnership to Promote Cardiovascular Health Among Underserved Children and Families," $153,881

Face painting activity during AFL Olympics
Photo and PI: Dr. Noe Crespo

Dr. John Elder                     Total: $118,413
Patient Centered Outcomes Research Institute (PCORI): "The Imperial County Asthma CER Project," $66,821
University of California at Davis: "Quantifying Heterogeneities in Dengue Virus Transmission Dynamics," $51,592

Dr. Tracy Finlayson               Total: $10,156
University of California at San Francisco: "Behavioral Economics for Oral Health Innovation (BEECON)," $10,156

Dr. Tracy Finlayson with students at SDSU’s Student Research Symposium
PI: Dr. Tracy Finlayson

Dr. Eunha Hoh                     Total: $324,640
National Water Research Institute: "Non-Targeted Analysis for Discovery of Chemicals of Emerging Concerns in Treated Water for Drinking and Source Investigation," $5,000
Orange County Water District: "Confirmation and Further Analysis of Non-Targeted Trace Organics Recovered from ROP and UVP Source Waters of the AWPF," $19,990
Oregon State University: "PAHs: New Technologies and Emerging Health Risks," $4,450
Regents of the University of California: "Pesticides and Mental Health among Adolescents in Ecuadorian Agricultural Communities," $50,824

Southern California Coastal Water Research Project: "Identification of Unknown Chemicals in Southern California Inland Waters by Non-targeted Chemical Analysis," $60,000

University of California at San Diego: "Distribution, Provenance & Human Health," $138,876

University of Texas Medical Branch: "Motivational Incentives to Reduce Secondhand Smoke in NICU Infants' Homes," $31,500; "Thirdhand Smoke Contamination in a Neonatal Intensive Care Unit (NICU)," $14,000

Dr. Melbourne Hovell
California Department of Health Services: "Women, Infants and Children," $7,358,650

Dr. Nada 0. Kassem
National Institute on Drug Abuse: "Assessing Toxicity of Waterpipe Tobacco Smoking in Laboratory and Naturalistic Settings," $483,314

Dr. Susan M. Kiene
National Institute of Mental Health: "Enhanced Linkage to HIV Care Following Home-Based HIV Testing in Rural Uganda," $587,545

Study field team members walk to a Uganda household with the Village Health Team representative.
Photo: Rashid Muyingo
PI: Dr. Susan Kiene

Dr. Suzanne Lindsay

University of California at San Diego: "UC San Diego Clinical and Translational Research Institute (CTRI)," $122,856

Dr. Suzanne Lindsay and Dr. Corinne McDaniels
California Department of Public Health: "Every Woman Counts (EWC) Continuous Quality Improvement (CQI)," $781,455
Dr. Amy Pan  
Total: $233,469  
Harder + Company Community Research: "Age Friendly Community - Consultant Services," $87,962; "Evaluation Services - Healthy Works: Prevention Initiative and Resident Leadership Academy," $34,802  
The Children's Initiative: "Data to Action - Reducing Child Injury and Death," $16,229

Dr. Tanya E. Penn  
Total: $38,700  
Hospital Association of San Diego and Imperial Counties: "2016 CHNA (Community Health Needs Assessment)-Phase 1 & 2," $21,700  
Sharp Healthcare: "2016 Community Health Needs Assessment (CHNA) - Phase 2," $17,000

Dr. PJE Quintana and Dr. Zohir Chowdhury  
Total: $32,949  
California Office of Environmental Health Hazard Assessment: "Spatial Distribution of Particulate Matter and BC Pollution in the Border Community of San Ysidro, CA," $32,949

Dr. Robert Seidman and Dr. Amy Pan  
Total: $51,200  
California Office of Environmental Health Hazard Assessment: "Spatial Distribution of Particulate Matter and BC Pollution in the Border Community of San Ysidro, CA," $51,200

Dr. Gregory Talavera  
Total: $1,335,747  
National Institute of Nursing Research: "Latinos Understanding the Need for Adherence in Diabetes (LUNA-D)," $503,637  
Regents of the University of California: "Randomized Control Trial to Reduce Sitting Time in Postmenopausal Latina Women at Increased Risk for Heart Disease," $382,516  
University of California at San Diego: "Effects of Avocado Intake on the Nutritional Status of Families," $97,588
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)," $195,623

**Dr. Caroline A. Thompson**

University of California at San Diego: "Is it Race, or Place? Disentangling Racial, Socioeconomic and Geographic Disparities in the Cancer Burden of San Diego and Imperial Counties," $31,259; "UC San Diego Clinical and Translational Research Institute," $157,444

**Nursing**

**Dr. Beverly Carlson**

University of California at San Diego: "UC San Diego Clinical and Translational Research Institute," $29,760

**Dr. Philip A. Greiner, Dr. Hala Madanat, Dr. Jennifer Tucker-Tatlow, and Dr. Jong Won Min**

Health Resources and Services Administration: "San Diego/Imperial Geriatric Education Center," $829,419

**Social Work**

**Dr. Anita Harbert and Dr. Jennifer Tucker-Tatlow**

San Diego County Health and Human Services Agency: "MHSA Workforce Education and Training (WET): Training and Technical Assistance-Behavioral Health Training Curriculum (BHTC)," $474,810

**Dr. Melinda Hohman**


SDSU students attend National Social Work Conference

PI: Dr. Melinda Hohman

**Dr. Steven Hornberger**

California Department of Social Services: "In-Home Supportive Services (IHSS) Program," $2,957,239; "Strategies 2.0," $1,235,138

Casey Family Programs: "Priority Access to Services & Support," $33,120
San Diego County Health and Human Services Agency: "Live Well San Diego Alignment Research Project," $60,000

**Dr. Jennifer Tucker-Tatlow**


Total: $9,391,931

Casey Family Programs: "Casey Family Programs FY 16/17," $220,800

County of Riverside Department of Public Social Services: "Riverside County New Practice Implementation," $312,459

County of San Bernardino: "Safety Organized Practice Implementation (2015-18)," $280,840

ICF Incorporated, LLC: "CFS eLearning Development," $16,818

Imperial County Department of Social Services: "Imperial County Lineworker Core, Advanced Training, and Coaching," $201,845; "Imperial County Strategic Planning Dec. 1, 2016 - June 1, 2017," $44,951


University of California at Berkeley: "Planning and Implementation of CPM Implementation Circles," $21,735

Ventura County: "County of Ventura Training Project," $408,240; "Ventura Child Welfare Training 17/18," $534,109

Youth panelists share their experiences as refugees at Behavioral Health Education and Training Academy's (BHETA) Children Youth and Families System of Care Conference, June 2017

Photo courtesy of BHETA
PI: Jennifer Tucker-Tatlow

**Dr. Lianne Urada**

National Institute on Drug Abuse: "Community Mobilization and HIV/STI Epidemiology of Female Sex Workers in Mexico," $341,795

Total: $341,795

**Dr. Susan Woodruff**

San Diego County Alcohol and Drug Services: "Driving Under the Influence Program (DUIP)," $2,236,881

Total: $2,236,881
Dr. Maria L. Zuniga  
San Ysidro Health Center: "Special Projects of National Significance (SPNS) System-Level Workforce Capacity Building Project for Integrating HIV Primary Care in Community Health Care Settings," $57,131

Members of Latino Student Social Work Association during monthly meeting at the home of the group's faculty mentor
Photo and PI: Dr. Maria L. Zuniga

Speech, Language and Hearing Sciences

Dr. Arthur Boothroyd  
University of California at San Diego: "A Realtime, Open, Portable, Extensible Speech Lab," $72,776

Dr. Karen Emmorey  
National Science Foundation: "REU Supplement: ASL-LEX," $32,583; "The Structure of the ASL Lexicon: Experimental and Statistical Evidence from a Large Lexical Database (ASL_LEX)," $287,454

Dr. Tracy E. Love-Geffen and Dr. Lewis Shapiro  
National Institute on Deafness and Other Communication Disorders: "Perfusion Informed Lesion Mapping Aphasia," $187,500

Dr. Carol Mackersie  
National Institute on Deafness and Other Communication Disorders: "Self Fitting of Amplification: Methodology and Candidacy," $453,292

Dr. Alyson Abel-Mills  
University of Texas Dallas: "How Poverty Impacts Brain and Language Development: Understanding the Vocabulary Gap," $61,245

Dr. Giang T. Pham  
National Institute on Deafness and Other Communication Disorders: "Language-Literacy Growth in Vietnamese Children With and Without Language Impairment," $282,924

Dr. Giang Pham and research team at Hanoi National University of Education in Vietnam. L to R: Mai Nguyen, Yen Pham, Dr. Pham, Van Pham, Sinh Pham, Chinh Le, Yen Nguyen, Thuy Dao, and Ngoc Tran
Photo: Khoi Lang
PI: Dr. Giang T. Pham
Dr. Sonja Pruitt  
Price Philanthropies Foundation: "City Heights Educational Collaborative - Pilot Project for Preschool Intervention at Rosa Parks Elementary School," $31,500 
Daena Taylor, MA student, facilitates a literacy lesson with preschoolers  
Photo: Abby Wade  
PI: Dr. Sonja Pruitt

Dr. Lewis Shapiro  
National Institute on Deafness and Other Communication Disorders: "Neurocognitive Approaches to Communication Disorders," $199,330
COLLEGE OF PROFESSIONAL STUDIES & FINE ARTS
Dr. Joyce Gattas, Dean

Hospitality & Tourism Management
Dr. Katherine A. Spilde
The Ohio State University: "Implementation Planning and Technical Assistance Related to the Achievement of the Objectives of the Anheuser-Busch In-Bev Global Smart Drinking Goals to Reduce the Harmful Effects of Alcohol," $200,000

Music & Dance
Dr. Charles Friedrichs

University of California Office of the President: "Southern Counties Arts Project (CSMP)," $20,000; "Southern California Arts Project (NCLB)," $85,000

Dr. Marian Liebowitz
National Endowment for the Arts: "San Diego State University Heartpower Performances," $10,000

Recreation and Tourism Management
Dr. Gene Lamke
City of Coronado: "Camp Able 2016-2017," $12,070

School of Public Affairs
Dr. Joshua M. Chanin
City of San Diego Police: "An Examination of Police-Community Relations in San Diego, CA," $1,200

Dr. Shawn Flanigan
University of Southern California: "Access to Opportunity- Housing Policy and Multigenerational Poverty," $144,544

Dr. Alan C. Mobley
University of California at San Francisco: "Project Rebound," $71,440
Dr. Reynaldo T. Rojo-Mendoza  Total: $145,336

First cohort of the Academy for Security Analysis with participants from El Salvador, Guatemala, and Honduras
Photo: courtesy of Academy for Security Analysis
PI: Dr. Reynaldo T. Rojo-Mendoza

Dr. Sherry Ryan  Total: $92,514
The Walton Family Foundation: "Northwest Arkansas Trail Usage Monitoring," $92,514

School of Public Affairs faculty are developing and implementing a trail usage monitoring program along the Razorback Regional Greenway in Northwest Arkansas
Photo: courtesy of The Walton Family Foundation
PI: Dr. Sherry Ryan
Dr. Catherine Atkins
University of California at San Diego: "Institutional Research and Academic Career Development Award," $13,104

Dr. Catherine Atkins and Dr. Stanley Maloy
National Institute of General Medical Sciences: "Maximizing Access to Research Careers," $283,797

Dr. Jose Castillo
San Diego State University: "SDSU Bridge Funding," $105,070

Dr. Jose Castillo, Dr. Paul Paolini, and Dr. Catherine Atkins
National Institute of General Medical Sciences: "SDSU Bridges to the Baccalaureate Program," $198,597

Dr. Eric G. Frost
California Seismic Safety Commission: "Education and Outreach Web Site Development," $28,213

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

Dr. Dena Plemmons
National Center on Minority Health and Health Disparities: "Minority Health and Health Disparities International Research Training Program," $213,640

Dr. Patrick Shoemaker

Dr. Faramarz Valafar
National Institute of Allergy and Infectious Diseases: "Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB," $640,241

Dr. Robert Quimby
California Institute of Technology: "GROWTH: Global Relay of Observatories Watching Transients Happen," $7,500
Space Telescope Science Institute: "Far UV Spectroscopy of Superluminous Supernovae," $84,216; "UV Spectroscopy of the Superluminous Supernova Gaia16apd," $12,203
University of Kansas: "Shared Time: Phillips Claud Telescope (PCT) and the Mount Laguna Observatory (MLO) 40-inch Telescope (FIT)," $125,000
SDSU’s 1.3m Phillips Claud Telescope is used to classify and study rare supernovae
Photo and PI: Dr. Robert Quimby

Dr. Kate Rubin  
National Science Foundation: "Cool Galactic Winds and Gas Accretion: Joint Constraints from Integral Field Spectroscopy and Pencil Beam Probes," $276,406


Dr. Eric Sandquist  
National Aeronautics and Space Administration: "The Open Cluster NGC 1817: A Meeting of Asteroseismology, Stellar Pulsation, and Eclipsing Binaries," $27,630

Dr. Allen Shafter  

Artist's rendition of mass transfer from a normal star similar to the sun to a dense white dwarf star. Due to the orbit of the stars, the gaseous material leaving the surface of the normal star initially swings wide and forms an accretion disk before eventually falling onto the surface of the white dwarf.
Image credit: NASA/JPL-Caltech  
PI: Dr. Allen Shafter
2016-2017 SDSU Awards Listing

**Biology**

**Dr. Sanford Bernstein**  
Total: $847,144


The Bernstein and Melkani Labs  
PIs: Sandy Bernstein (front row, middle) and Girish Melkani (third row, middle)

**Dr. Kevin Burns**  
Total: $50,000

National Science Foundation: "Collaborative Research: Admixture Mapping of a Hybrid Zone to Test Tinbergen's Emancipation Hypothesis," $50,000

**Dr. Ted Cranford**  
Total: $231,267


**Dr. Douglas Deutschman**  
Total: $39,544

Conservation Biology Institute: "Quino Checkerspot Augmentation Project," $22,704

Helix Environmental Planning, Inc.: "Design and Analysis of a Monitoring Program to Estimate Recreational Use of City Parks, Phase 2," $6,840

The San Diego Foundation:"The Impact of Climate on Pollinators Communities," $10,000

Rare butterfly field trip to Hermes copper butterfly site, Cleveland National Forest. L to R, Emily Perkins (San Diego Monitoring and Management Program), Elyse Levy (California Department of Fish and Wildlife) and Daniel Marschalek (SDSU).  
Photo: Kris Preston  
PI: Dr. Douglas Deutschman
Dr. Douglas Deutschman, Dr. Rulon Clark, and Dr. Jeremy D. Long  
U.S. Department of the Interior National Park Service: "Partnership to Provide Student Internships in Field Sciences," $17,998

Dr. Kelly Doran  
National Institute of Allergy and Infectious Diseases: "Development of a Probiotic Therapy for Limiting Group B Streptococcal Vaginal Carriage," $75,146

National Institute of Neurological Disorders and Stroke: "Blood-Brain Barrier Failure During Bacterial Meningitis," $382,912

Dr. Ralph Feuer  
California Institute for Regenerative Medicine: "2017 CIRM Bridges Annual Meeting," $160,000; "CIRM Training Program," $3,045,000

Dr. Christopher Glembotski  
American Heart Association: "ATF6 and the Adaptive ER Stress Response in the Ischemic Heart - J. Jin," $44,000; "The Adaptive Cardiac Sensor, ATF6, Regulates ANP Secretion and Decreases Hypertensive Stress - Blackwood," $26,844

National Heart Lung and Blood Institute: "Role of the SR/ER E3 Ubiquitin Ligase Synoviolin 1 in Cardiac Hypertrophy," $376,250; "Role of the SR/ER E3 Ubiquitin Ligase Synoviolin 1 in Cardiac Hypertrophy - A. Arrieta," $133,794; "Harnessing the Adaptive ER Stress Response in Myocardial Ischemia," $376,146;

Sharp Rees-Stealy Research Foundation: "Rees-Stealy Research Foundation Fellowship Program," $100,000

University of Cincinnati: "Molecular Mechanism of Hypertrophic Cardiomyopathy in South Asian Descents," $16,949

Dr. Marshal C. Hedin  
Bowman Consulting: "Resolving the Species Status of Cicurina Venii (And Geographic Relatives) Using Sequence Capture of Ultra-Conserved Elements," $63,661

[Image 72x135 to 295x284]  
Tasmanian cave spider  
Photo and PI: Dr. Marshal C. Hedin
Dr. Kevin Hovel  
California Department of Fish and Wildlife: "White Seabass Gillnet Survey," $113,720


Dr. Marina Kalyuzhnaya  
Alliance for Sustainable Energy LLC: "Biogas Valorization: Development of a Methane-to-Muconic Acid Bioprocess," $100,000; "Strain-Engineering and Fermentation Optimization in Support of Methane Bioconversion Efforts," $25,000

Intrexon Corporation: "Intrexon Training Grant," $100,000

National Science Foundation: "REU Site: Microbial Conversion of Greenhouse Gases into Fermentation-Ready Sugars," $4,720

San Diego State University: "Optimization of Methane Utilization," $28,060

Tradewater LLC: "Bacterial Production of Ectoine and Lipase: Coal Mine Methane Valorization," $123,637

UT-Battelle LLC: "Flexible Microbial Biogas Conversion Technology for Sustainable Animal Nutrition," $15,000

Dr. Marina Kalyuzhnaya and Dr. Forest Rohwer  
National Science Foundation: "Microbial Conversion of Greenhouse Gases into Fermentation-Ready Sugars," $350,000

Dr. Scott Kelley  
National Science Foundation: "Engaged Student Learning: Development of Active Learning Bioinformatics Education Apps for Mobile Technology," $300,000

Dr. Linda Kelly  
Dr. Rebecca Lewison
California Department of Fish and Wildlife: "Climate Resilient Connectivity for the South Coast Province," $117,396


Dr. Rebecca Lewison and Dr. John Crockett
University of California at Santa Barbara: "Center for Excellence and Diversity in Team Science (CCREDITS)," $15,498

Dr. Rebecca Lewison and Dr. Douglas Deutschman

Dr. David Lipson
National Science Foundation: "EAGER: Linking the Chlorine and Carbon Cycles in the Arctic Coastal Plain," $211,359

Dr. David Lipson and high school teacher Jason Rogalski use a SIPRE auger to collect a soil core near Toolik Lake, Alaska
Photo: Ted Raab
PI: Dr. David Lipson

Dr. Jeremy D. Long
National Science Foundation: "NSF Graduate Research Opportunities Worldwide (GROW)," $5,000; "What You Can't See CAN Hurt You: Interspecific Indirect Genetic Effects, Omnivores, and Salt Marshes Fellowship - Rinehart," $46,000

Experimental manipulation of crab densities testing the effects of crabs on plant community composition at San Dieguito Lagoon, Del Mar, CA.
Photo: Janet Walker
PI: Dr. Jeremy D. Long
Dr. Kathleen McGuire  
University of Michigan:  "Inflammatory Differentiation of Colorectal Cancer Among African Americans," $107,640

Dr. Walter Oechel  
University of Montana:  "Satellite Data Driven Model Assessment of Landscape Variability and Environmental Controls on the Artic-Boreal Carbon Budget," $115,000  
University of Southern California:  "Regional Mapping of Soil Conditions in Northern Alaska Permafrost Landscape Using AirMOSS and Land Model Data Assimilation, and Associated Impacts on Terrestrial Carbon Fluxes," $84,892

Dr. Walter Oechel and Dr. Samuel Shen  
City College of New York:  "Cooperative Remote Sensing and Technology Center (CREST)," $214,800

Dr. Walter Oechel and Dr. Donatella Zona  
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.," $8,247

Dr. Walter Oechel, Dr. Donatella Zona, and Dr. David Lipson  
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," $251,429

Dr. Joy A. Phillips  
National Institute of Allergy and Infectious Diseases:  "Neonatal Antibiotic Therapy, The Pulmonary Microbiome, and the Cholinergic Anti-Inflammatory Pathway," $225,375  
University of Nebraska Medical Center:  "EP67 - Based Targeted Mucosal Vaccines to Prevent Primary Infection with CMV," $30,040

Dr. Forest Rohwer  
Canadian Institute for Advanced Research:  "Integrated Microbial Biodiversity Fellowship," $24,000  
The Gordon and Betty Moore Foundation: "Development of Isothermal Calorimeter to Measure Marine Microbial Activity," $541,069

**Dr. Anca Segall**  
Texas A&M University System Health Science Center: "Phagocins: Precision Tools for Remodeling the Microbiota," $49,999  
**Total: $49,999**

**Dr. Nicholas Shikuma**  
**Total: $150,034**

Dr. Mark Sussman  
CardioCreate: "Next Generation Regenerative Therapy with Pim-1 Enhanced Cardiac Progenitor Cells," $70,736  
**Total: $3,563,310**

Leducq Foundation: "Transatlantic Networks of Excellence Program: Cellular and Molecular Targets to Promote Therapeutic Cardiac Regeneration," $398,440

Human cardiac derived mesenchymal stem cells (MSCs) co-stained for CD90 (red) and CD105 (blue); Phalloidin (green) was used to stain the actin filaments and Nuclei (white).

Photo: Megan Monsanto
PI: Dr. Mark Sussman

Dr. Mark Sussman and Dr. Natalie A. Gude
National Heart Lung and Blood Institute: "Resolving Myocardial Regeneration by Tracking Commitment of C-Kit+Cells," $375,730

Dr. Roland Wolkowicz
National Science Foundation: "Innovation Corps Teams Program," $50,000
San Diego State University: "FACS Center Support," $10,000

Graduate student Joy Nader plating cells for a transfection
Photo: Wolkowicz Lab
PI: Dr. Roland Wolkowicz

Dr. Xiaofeng Xu
U.S. Department of Energy Oak Ridge National Laboratory: "Data-Model Integration for CH4 Flux in Temperate and Arctic Regions," $74,999
### Dr. Ricardo Zayas  
**Total:** $100,000  
National Science Foundation: "CAREER: Functional Analysis of Ubiquitin-Mediated Pathways Controlling Stem Cell Fate and Tissue Regeneration," $100,000

### Dr. Thomas A. Zink  
**Total:** $447,422  
California Department of Fish and Wildlife: "Rancho Jamul Grass Farm Project," $30,406  
Zoological Society of San Diego: "Argentine Ant (Linepithema humile) Control in San Diego Zoo Cactus Nursery, San Diego, CA," $3,000

### Chemistry & Biochemistry

#### Dr. Carl Carrano and Dr. Frithjof Kuepper  
**Total:** $145,068  

#### Dr. Jing Gu  
**Total:** $222,115  
National Science Foundation: "Collaborative Research: Self-sustaining Microbial Photoelectrosynthesis for Energy and Fuel Production," $222,115

#### Dr. Christopher Harrison  
**Total:** $119,864  
Partnership for Clean Competition: "Electrophoretic Screening for Autologous Blood Transfusions," $119,864

#### Dr. Gregory P. Holland  
**Total:** $250,705  

#### Dr. Tom Huxford  
**Total:** $69,911  
Inhibrx: "X-Ray crystallography of InhibRx antibody complexes," $22,500

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**A crystallographic model of the eicosanoid inflammatory mediator leukotriene C₄ (represented as cpk spheres) in complex with a humanized version of the 10G4 murine monoclonal antibody (blue ribbon diagram with contacting side chains depicted as sticks).**  
PI and photo: Dr. Tom Huxford

University of Nebraska Medical Center: "Development of Quinoxaline-Based IKKbeta Inhibitors for Kras Driven Cancers," $47,411
Dr. Diane Smith  
National Science Foundation: "Redox-Responsive H-Bonding Systems for Supramolecular Applications," $425,000

Dr. Christal D. Sohl  
National Cancer Institute: "The Molecular Mechanism of Isocitrate Dehydrogenase (IDH) Mutations in Cancer," $224,577

Dr. Christal Sohl guides graduate student Anna Uvarova in the use of the rapid chemical quench.

Photo: Stacy Anselmo

PI: Dr. Christal Sohl

Dr. William Stumph  
California Metabolic Research Foundation: "Enzyme Regulation, Lipid and Carbohydrate Metabolism," $80,000;  
"Arne N. Wick Fellowship," $39,991

National Science Foundation: "Exploring How Protein Conformation Influences Assembly of Transcriptional Complexes on snRNA Gene Promoters," $300,000

Dr. Manal A. Swairjo  
National Institute of General Medical Sciences: "RNA Modification: Structure and Mechanism," $413,667

The X-ray crystal structure of QueF-L from the thermophilic crenarchaeon *Pyrobaculum calidifontis.*  
Photo: Swairjo Lab  
PI: Dr. Manal Swairjo
Dr. William Tong                    Total: $267,000
Audentia, Inc.: "Nonlinear Laser Wave Mixing for Trace Detection of Explosives," $267,000

Photo and PI: William Tong

Dr. William Tong and Dr. Sanford Bernstein                    Total: $529,847
National Institute of General Medical Sciences: "SDSU Initiative for Maximizing Student Development," $529,847

Computer Science

Dr. Xiaobai Liu                    Total: $188,625

University of California at Los Angeles: "Learning Homogeneous Knowledge Representation from Heterogeneous Data for Quantitative and Qualitative Reasoning in Autonomy," $73,563

Dr. Marie Roch                    Total: $194,936
Cornell University: "Data Analytics Through High Performance Computing," $42,557


U.S. Department of Defense Office of Naval Research: "Unsupervised Learning (Clustering) of Odontocete Echolocation Clicks," $120,425

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

Students at SDSU’s Cyber Innovation Group study the system throughput and Quality of Service performance of wireless networks and energy harvesting wireless sensor network - Ph.D. student Mr. Shuan He (left) and undergraduate student Mr. Edwin Perez (right)
Photo: Edwin Perez and Shuan He
PI: Dr. Wei Wang
Dr. Wei Wang

Dr. Wei Wang and Dr. Kazem A. Sohraby

Geological Science
Dr. John Crockett
Arizona State University: "Geo Opportunities for Leadership in Diversity: Ideas Lab," $19,875

Cleantech San Diego: "San Diego Regional Energy Innovation Cluster," $1,035,279

Dr. Barry Hanan
National Science Foundation: "Collaborative Research: Constraining the Temporal Evolution of Mantle Plume Contributions to Magmatism in the Turkana Depression," $100,794

Dr. Shuo Ma
National Science Foundation: "Integrating Three-Dimensional Earthquake Rupture Dynamics, Ocean Acoustic Waves, and Tsunami: Effects of Inelastic Failure in the Accretionary Wedge," $272,652


Dr. Jillian M. Maloney
California Sea Grant College Program: "Investigation of Blind Faults in the Sacramento-San Joaquin Delta - (Fellow: Shannon Klotsko)," $219,310

Louisiana State University: "Mass Wasting Processes and Products of the Mississippi Delta Front: Synthesis and Observation," $14,999
Dr. Kim Olsen  Total: $220,728
U.S. Department of Defense Air Force Research Laboratory: "3D Regional Wave Propagation with Q(f) in East Asia for North Korea Nuclear Tests," $60,000


University of Southern California: "Community Software for Extreme-Scale Computing in Earthquake System Science," $126,983

A geology student measuring the total magnetic field with a portable magnetometer, to estimate the location of subsurface objects such as the trolley tunnel and shallow metal pipes
Photo and PI: Dr. Kim Olsen

Math & Statistics

Dr. Barbara Bailey  Total: $10,809
University of Washington: "NSF Statistical Methods for Atmospheric and Ocean Sciences (STATMOS) Travel Request - C. Smirniotis," $10,809

Summer at the National Center for Atmospheric Research Mesa Lab, Boulder, CO
Photo: Colette Smirniotis
PI: Dr. Barbara Bailey
Dr. Janet Bowers                    Total: $160,027
National Science Foundation: "Collaborative Research: Redesigning the Calculus Pipeline," $160,027

Students use their cell phones to collect video data to model the distance a ball rolls down a pool noodle plank as a function of time
Photo and PI: Dr. Janet Bowers

Dr. Ricardo Carretero          Total: $47,097
National Science Foundation: "OP: Collaborative Research: Non-Hamiltonian Wave Dynamics in Atomic Optical Models," $47,097

Dr. Joanne Lobato          Total: $51,000
National Science Foundation: "A Controlled Trial of Active Versus Passive Learning Strategies: An Exploration of Online Precalculus Course Design - Fellowship M. Voigt," $46,000
"NSF Graduate Research Opportunities Worldwide (GROW) - Voight," $5,000

Dr. Antonio Palacios                    Total: $167,817

Dr. Chris Rasmussen            Total: $2,780
University of Agder: "Mathematical Education through Modelling Authentic Situations - METMAS," $2,780

Dr. Chris Rasmussen, Dr. Janet Bowers, and Dr. Michael O'Sullivan Total: $286,060
National Science Foundation: "Collaborative Research: Engagement in Mathematics through an Institutional Network for Active Learning," $286,060
Dr. Samuel Shen  
North Carolina State University: "Simplified and Optimal Analysis of NOAA Global Temperature Data: Data Validation, New Insights, Climate Dynamics and Uncertainty Quantification," $84,307

University of Washington: "Statistical Methods for Atmospheric and Ocean Sciences (STATMOS) – X. Tong," $76,800

Dr. William Zahner  
National Science Foundation: "CAREER: Fostering Productive and Powerful Discussions among Linguistically Diverse Students in Secondary Mathematics," $180,876

SRI International: "Investigating How English Language Learners use Dynamic Representational Technology to Participate in Middle School Mathematical Practices," $63,319

Physics

Dr. Fred Goldberg  
University Auxiliary & Research Services at CSU San Marcos: "A Model of Educational Transformation: Developing A Community of Faculty Implementing Next Generation Physical Science and Everyday Thinking," $400,713

Dr. Calvin Johnson  
National Nuclear Security Administration: "Ab Initio Calculations of Neutron-Capture Reactions on Light Nuclei," $75,000

U.S. Department of Energy: "Nuclear Structure and Transitions: Computational Studies and Resources," $95,000

Dr. Lyubov P. Kuznetsova  
National Science Foundation: "Designing Optical Metamaterial Devices with Hyperbolic Dispersion Using Al/Dielectric Nanolayers - P. Kelly," $46,000

Psychology

Dr. Nader Amir  
National Institute of Mental Health: "Behavioral and Neurobiological Mechanisms of Treatment Response in Pediatric OCD - J. Kuckertz," $30,756

State University of New York: "Attention Training to Modify Error-related Negativity and Risk for Anxiety in Adolescence," $350,453

Dr. Thereasa Cronan, Dr. Claire Murphy, and Dr. Scott Roesch  
National Institute on Aging: "SDSU Advancing Diversity in Aging Research (ADAR) Undergraduate Education Program," $360,489

Dr. Thierry Devos and Dr. Melody Sadler  

Dr. Mark Ehrhart  
San Diego State University: "Testing the Leadership and Organizational Change for Implementation (LOCI) Intervention in Substance Abuse Treatment," $62,490

Total: $161,107

Total: $244,195

Total: $400,713

Total: $170,000

Total: $46,000

Total: $381,209

Total: $381,209

Total: $33,727

Total: $75,339
University of Washington: "The Organizational Assessment for Strategic Implementation in Schools (OASIS): A Measurement Suite to Support Educator Adoption of Evidence-Based Practices," $12,849

**Dr. Inna Fishman**
Autism Science Foundation: "Undergraduate Summer Research Award - E. Pueschel," $3,000

National Institute of Mental Health: "Multimodal Imaging of Early Neural Signature in Autism Spectrum Disorder," $531,432

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[Image: Dr. Inna Fishman (center) with graduate student Jiwandeep Kohli, postdoctoral fellow Dr. Mikaela Kinnear, joint doctoral program student Lindsay Olson, and undergraduate research assistants; Seraphina Solders and Natalia Witkowska. Photo: Debbie Brighton. PI: Dr. Inna Fishman]

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**Dr. Margaret Friend**
National Institute of Child Health and Human Development: "Investigating Lexical Structure in Monolingual and Bilingual Spanish-Speaking Children in the U.S. - S. De Anda," $35,083

**Dr. Linda Gallo**

Scripps Research Institute: "Dulce Digital-ME: An Adaptive mHealth Intervention for Undeserved Hispanics with Diabetes," $170,710

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[Image: Escondido recruitment clinic (left to right), Magdalena Hernandez (Medical Assistant), Javier Segura (Research Assistant), Daniela Vital (Project Coordinator), and Elizabeth Alvarez (Research Assistant). Photo and PI: Dr. Linda Gallo]

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**Dr. Linda Gallo and Dr. Scott Roesch**
San Diego State University: "Medical Assistant Health Coaching for Diabetes in Diverse Primary Care Settings," $213,848

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<table>
<thead>
<tr>
<th>Name</th>
<th>Funding Organization</th>
<th>Project Title</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Dr. Phillip J. Holcomb</td>
<td>Total: $107,010</td>
<td>National Institute on Deafness and Other Communication Disorders:  &quot;Investigating the Neural Dynamics of Single-Word Reading in Deaf Readers - L. Schwarz-Glezer,&quot; $61,010</td>
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<td>National Science Foundation:  &quot;Effect of Learning Mode on Mechanisms Underlying Second Language Vocabulary Acquisition in Adults -G. Meade,&quot; $46,000</td>
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<td>Dr. Phillip J. Holcomb and Dr. Katherine Midgley</td>
<td>Total: $376,040</td>
<td>National Institute of Child Health and Human Development:  &quot;The Neuro-Cognition of Word Comprehension,&quot; $376,040</td>
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<td>Dr. Emily S. Kappenman</td>
<td>Total: $13,955</td>
<td>Center for Open Science:  &quot;Reproducibility Project: Transcranial Direct Current Stimulation (tDCS),&quot; $13,955</td>
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<td>Dr. Emily S. Kappenman and Dr. Nader Amir</td>
<td>Total: $45,270</td>
<td>Brain &amp; Behavior Research Foundation:  &quot;Toward the Use of Transcranial Direct Current Stimulation (tDCS) as a Treatment in Anxiety,&quot; $45,270</td>
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<td>Regents of the University of California:  &quot;Creating Scientists to Address Cancer Disparities Program,&quot; $63,542</td>
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<td>University of California at San Diego:  &quot;Coping with Cancer: A Program for the Deaf Community in American Sign Language,&quot; $25,000</td>
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<td>Dr. Ksenija Marinkovic</td>
<td>Total: $492,054</td>
<td>Advanced Brain Monitoring, Inc.:  &quot;Behavioral and ERP Indices of Face Processing,&quot; $46,080</td>
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<td>National Institute on Alcohol Abuse and Alcoholism:  &quot;Spatiotemporal Brain Imaging of Alcohol Effects on Inhibitory Control,&quot; $445,974</td>
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<td>Dr. Georg Matt</td>
<td>Total: $20,393</td>
<td>Cincinnati Children’s Hospital:  &quot;An Intervention to Reduce Second Hand Smoke Exposure among Pediatric Emergency Patients,&quot; $20,393</td>
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**Dr. Sarah Mattson**
Indiana University: "A Multisite Neurobehavioral Assessment of Fetal Alcohol Spectrum Disorder," $12,050

**Dr. Eileen Moore**

**Dr. Ralph-Axel Mueller**
National Institute of Mental Health: "Integrity and Dynamic Processing Efficiency of Networks in ASD," $538,210; "The Autistic Brain Over 45: The Anatomic, Functional, and Cognitive Phenotype," $691,010

**Dr. Joseph Price**
San Diego Social Advocates for Youth: "Keeping Foster and Kinship Parents Trained and Supported (KEEP)," $22,432

University of California at San Diego: "System of Care Evaluation (SOCE)," $123,732

**Dr. Edward Riley**
National Institute on Alcohol Abuse and Alcoholism: "Alcohol Research in the Science/Practitioner Model," $322,159

**Dr. Scott Roesch**
University of California at Davis: "2/2 Effectiveness of a Multi-Level Implementation Strategy for ASD Interventions," $19,915

University of California at Los Angeles: "Sustainment of Multiple EBP's Fiscally Mandated in Children's MH Services," $16,549; "Sustainment of Multiple EBP's Fiscally Mandated in Children's MH Services (Supplement)," $10,577

University of California at San Diego: "Effectiveness and Implementation of a Mental Health Intervention for ASD," $18,618; "Impact of Privacy Environments for Personal Health Data on Patients," $25,469
Dr. Rachel H. Schlagel
University of California at San Diego: "Analysis and Evaluation for Mental Health Services Act (MHSA) Innovation Funded Behavioral Health Programs," $9,201; "Training Community Providers to Implement an Evidence-based Early Intervention Program," $39,756

Dr. Dustin B. Thoman
National Science Foundation: "REU Supplement," $16,640

Dr. Jennifer Thomas
National Institute on Alcohol Abuse and Alcoholism: "Fetal Alcohol Spectrum Disorders Study Group Annual Meeting," $20,650

Dr. Vanessa Robin Weersing
National Institute of Mental Health: "2/2-Family Cognitive Behavioral Prevention of Depression in Youth and Parents," $303,446

Dr. Vanessa Robin Weersing and Dr. Nader Amir
Kaiser Foundation Research Institute: "Effectiveness Trial of Cognitive Bias Modifications (CBM) for Adolescent Anxiety," $232,156

Dr. Jillian L. Wiggins
University of California at San Diego: "Pathways of Risk and Resilience: Neural Predictors of Irritability in At-Risk Offspring of Mothers with Depression," $30,000

TENDLab members: L-R, Ysabella Panggat, Carly Farrington, research assistants; Maria Kryza-Lacombe, PhD student; Dr. Jill Weisberg, postdoctoral research associate; Cindy Kiefer, masters student; Sophie Bills, research assistant; Karen Schwartz, PhD student; Katrina Cole, research assistant; Dr. Jillian Lee Wiggins, Director; Raechel Rodda, research assistant.
Photo: Nathalie Belanger
PI: Dr. Jillian L. Wiggins

Dr. May Yeh
University of San Diego: "Personalizing Parent Training Interventions for Culturally Diverse Families," $105,328

Total: $48,957
Total: $16,640
Total: $20,650
Total: $303,446
Total: $232,156
Total: $30,000
Total: $105,328
BUSINESS & FINANCIAL AFFAIRS

Ms. Jessica C. Rentto
California Office of Emergency Services: "SDSU Campus Sexual Assault Response Program," $334,567

Total: $334,567
GRADUATE AND RESEARCH AFFAIRS
Dr. Stephen Welter, Vice President

Dr. John Crockett                    Total: $107,513

Dr. Stephen C. Welter                 Total: $1,321,364
San Diego State University: "Grant and Research Enterprise Writing Institute," $45,813
The San Diego Foundation: "H. G. Fenton Company Idea Lab," $50,000
ViaSat Inc.: "Innovation Lab Support," $9,390

Caption: John Crockett (second from left) and GREW participants Nicholas Shikuma, Sara Gombatto, Sahar Ghanipoor Machiani and Xianfeng (Terry) Yang visit the National Academy of Sciences.
Photo: Thomas Rudin
PI: Dr. Stephen C. Welter

Mr. W. Timothy Hushen                   Total: $941,595

Mr. Kevin R. Popovic                    Total: $7,500
E3 Civic High: "Teach the Teachers Design Thinking Program," $7,500
Ms. Suzanna Fuentes-Ferreiro  
Imperial County Department of Social Services: "Basic Computer & Interpersonal Skills & Employment Empowerment Training (Plan A)," $383,511; "Medical Office Assistant Training Course," $19,400

Imperial County Workforce Development Board: "Employee Development & Advancement Program," $35,000; "Medical Office Assistant," $104,275

Medical Office Assistant Program participants Tarsha Roberts and Melanie Aguirre are instructed by Vianney Acosta, Certified CPR & First Aid Instructor during the CPR certification course
Photo: Priscilla A. Lopez
PI: Ms. Suzanna Fuentes-Ferreiro

Dr. Carlos R. Herrera  
Imperial County Office of Education: "2017 Migrant Education Summer Institutes," $195,975

Dr. David E. Pearson  
Southwestern Community College: "SDSU-IV Host Services for the Imperial Valley Small Business Development Center," $4,074
Ms. Monica Medina  
Akaloa Resource Foundation: “Content Desks,” $185,000; “Multicasting and Disaster Coverage Equipment,” $75,000; “Non-PBS Programming,” $290,000; “One Book One San Diego,” $40,000; “Research and Evaluation Manager,” $30,000

California HealthCare Foundation: "Health Care Policy Reporting 2017," $124,000

City of San Diego Commission for Arts & Culture: "One Book, One San Diego," $25,330

The Jim Henson Company: "Splash and Bubbles," $250,000

Mr. Vince Petronzio  
Corporation for Public Broadcasting: "Television Community Service Grant," $2,627,786; "Television Interconnection Grant," $49,694; "Universal Services Support," $5,022; "Radio Community Service Grant," $607,721
<table>
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<th>Name</th>
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<tr>
<td>Ms. Miriam C. Castanon</td>
<td>$12,522</td>
<td>California Department of Education: &quot;Summer Bridge Program Food Services 16/17,&quot;</td>
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<td>Ms. Vitaliano B. Figueroa</td>
<td>$600,000</td>
<td>San Diego Housing Commission: &quot;Guardian Scholar Program,&quot;</td>
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<td>Dr. James Lange</td>
<td>$35,192</td>
<td>RADD: &quot;Evaluation of the RADD California College DUI Awareness Project,&quot;</td>
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<td>Dr. Jennifer Rikard</td>
<td>$10,000</td>
<td>Responsible Retailing Forum: &quot;Great Plays Grant,&quot;</td>
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<td>Dr. Pamela Starr</td>
<td>$579,909</td>
<td>U.S. Department of Education Office of Postsecondary Education: &quot;Student Support Services Project for Students with Disabilities,&quot;</td>
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INTERDISCIPLINARY PROGRAMS

Dr. Alyson Abel-Mills, Dr. Inna Fishman, Dr. Tracy E. Love-Geffen  
San Diego State University: "Neural Correlates of Specific Language Impairment (SLI)," $9,974

Dr. Elva Arredondo and Dr. Mark Sussman  
National Cancer Institute: "2/2 SDSU/UCSD Cancer Center Comprehensive Partnership," $1,282,969

Dr. Guadalupe X. Ayala, Dr. Jose Castillo, Dr. Morteza M. Mehrabadi, Dr. Stanley Maloy, and Dr. Kee Moon  
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. Susan Baxter and Dr. Alex DeNoble  
National Science Foundation: "I-Corps Site: A Biological Sciences Site for the California State University," $30,000

Dr. Todd J. Braje and Dr. Jillian M. Maloney  
U.S. Department of Interior: "Archaeological and Biological Assessment of Submerged Landforms in the Pacific Coast," $399,670

SDSU graduate student Joseph McCain holds a 10,000 year old chipped stone crescent from Santa Rosa Island, CA
Photo: Todd Braje  
PIs: Todd Braje and Jillian Maloney
Dr. Iana A. Castro and Dr. Guadalupe X. Ayala
National Institute of Child Health and Human Development: "In-Store and Parent-Child Influences on Food Shopping," $190,022

Parent and child participants in the Shop 2gether Project
Photo: Project team
PIs: Iana Castro and Guadalupe X. Ayala

Dr. Karen Emmorey and Dr. Phillip J. Holcomb
National Institute on Deafness and Other Communication Disorders: "Assessing the Neural Dynamics of Reading in Deaf Adults," $219,852

Dr. Linda Gallo, Dr. Gregory Talavera, Dr. Patricia Gonzalez, and Dr. Scott Roesch
University of California at San Diego: "Neighborhood Environments and Cardiometabolic Disorders in Hispanic/Latinos," $338,435

Dr. Mee Young Hong, Dr. Mark Kern, Dr. Jennifer Thomas, and Dr. Shirin Hooshmand
American Heart Association Western States Affiliate: "Effects of Mixed Nut Consumption on Satiety and Weight Management," $77,000

Dr. Arielle Levine and Dr. Kevin Hovel
National Science Foundation: "Climate Change Impacts on the Sustainability of Key Fisheries in the California Current System," $520,150

Dr. Richard A. Levine, Dr. Bernard Dodge, and Dr. Juanjuan Fan
National Science Foundation: "BIGDATA: IA: Acting on Actionable Intelligence: A Learning Analytics Methodology for Student Success Efficacy Studies," $1,096,196
Dr. Christopher Paolini, Dr. Jose Castillo, Dr. Gustaaf Jacobs, Dr. John Abraham, and Dr. Aram Alimohammad Kalhori  
Total: $199,998  
National Science Foundation: "CC* Storage: Implementation of a Distributed, Shareable, and Parallel Storage Resource at San Diego State University to Facilitate High-Performance Computing for Climate Science," $199,998

Dr. PJE Quintana, Dr. Zohir Chowdhury, Dr. Trent Biggs, and Dr. Fernando De Sales  
Total: $150,000  
California Air Resources Board: "Improving the CalEnviroScreen Score at the US-Mexico Border," $150,000

Dr. PJE Quintana and Dr. Georg Matt  
Total: $64,269  
University of California at San Francisco: "Persistent Thirdhand Smoke Toxicants in Indoor Environments," $64,269

Dr. PJE Quintana, Dr. Georg Matt and Dr. Eunha Hoh  
Total: $360,608  
California Tobacco Related Disease Research Program: "Silicone Wristbands as Personal Samplers for Exposure to Tobacco Toxicants," $360,608

Dr. Osvaldo D. Soto, Dr. Randolph Philipp, and Dr. William Zahner  
Total: $1,280,000  
California Department of Education: "California Mathematics Readiness Challenge Initiative," $1,280,000

Dr. Ming-Hsiang Tsou, Dr. Atsushi Nara, Dr. Sahar Ghanipoor-Machiani, and Dr. Xianfeng Yang  
Total: $465,189  

Dr. Kenneth Walsh and Dr. Chukuka Enwemeka  
Total: $5,106,223  

U.S. Department of State: "Scholarships for SDSU-Georgia Program," $150,000

Georgia Days at SDSU; visitors included Georgian government officials, Millenium Challenge Fund staff, SDSU Georgia staff and SDSU/RF staff.  
Photo: Debbie Brighton  
PIs: Dr. Ken Walsh and Dr. Chukuka S. Enwemeka
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National Aeronautics and Space Administration  
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National Institute of Allergy and Infectious Diseases  
National Institute of Arthritis and Musculoskeletal and Skin Diseases  
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California Department of Resources Recycling and Recovery
California Department of Social Services
California Employment Development Department
California Institute for Regenerative Medicine
California Office of Emergency Services
California Office of Environmental Health Hazard Assessment
California Sea Grant College Program
California Seismic Safety Commission
California Space Grant Consortium
California Tobacco-Related Disease Research Program
City of Coronado
City of San Diego
City of San Diego Commission for Arts and Culture
City of San Diego Police
County of Riverside Department of Public Social Services
County of San Bernardino Department of California Highway Patrol
Imperial County Department of Social Services
Imperial County Office of Education
Imperial County Workforce Development Board
Nevada Department of Employment Training and Rehabilitation
Orange County Water District
Judicial Council of California
San Diego/Imperial Counties Developmental Services, Inc.
San Diego County Alcohol and Drug Services
San Diego County Health and Human Services Agency
San Diego County Office of Education
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State of California Commission on Teacher Credentialing
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Romoland School District
San Bernardino City Unified School District
San Diego Unified School District
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American Heart Association Western States Affiliate
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BELA Education Group
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Brigham and Women's Hospital
California Dried Plum Board
Center for Open Science
Cincinnati Children’s Hospital
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Conservation Biology Institute
Corporation for Public Broadcasting
Down Syndrome Association
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Family Health Centers of San Diego
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Federated States of Micronesia
Hawaii Vocational Rehabilitation and Services for the Blind
Hospital Association of San Diego and Imperial Counties
ICD France
Idaho Division of Vocational Rehabilitation
Imperial County Children and Families First Commission
Indian Health Council
Institute of International Education
Integrity Charter School
International Business School/STS
Jewish General Hospital
Minnesota Department of Employment and Economic Development
Nanjing Golden Dragon Bus Manufacturing Company Ltd.
National Water Research Institute
National Watermelon Promotion Board
The Nature Conservancy
Navy Federal Credit Union
New Jersey Commission for the Blind and Visually Impaired
Palo Alto Veterans Institute for Research
Patient Centered Outcomes Research Institute (PCORI)
Partnership for Clean Competition
RADD
Rady Children's Hospital San Diego
Regional Task Force on the Homeless
Responsible Retailing Forum
River Springs Charter School
San Diego Association of Governments
San Diego Regional Center for the Developmentally Disabled
San Diego Social Advocates for Youth
San Ysidro Health Center
Seattle Children's Hospital and Regional Medical Center
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