Awards Received
July 1, 2019 - June 30, 2020

COLLEGE OF ARTS & LETTERS
Dr. Glen McClish, Interim Dean

Office of the Dean

Dr. Atsushi Nara
Total: $18,000
Perspecta: “Developing Alert San Diego Response Tool (ART) for Facilitating Emergency Evacuation Decision-Making,” $18,000

Dr. Atsushi Nara with the project team members at San Diego County Sheriff’s Department discussing the functionality of the developed tool for emergency management operations.
PI: Atsushi Nara
Photo courtesy of: San Diego County Sheriff’s Department

Dr. Christopher Brown and Dr. Mathias Schulze
Total: $4,648,766
Department of Defense National Security Agency: “SDSU STARTALK Teacher Program,” $63,682
Institute of International Education: “Language Training Center Instructor Workshop at SDSU-LARC,” $73,384; “SDSU-LARC National Language Training Center,” $3,901,224; “Language Acquisition Resource Center at San Diego State University Project GO,” $428,466

Dr. Mathias Schulze
Total: $52,000
University of California Office of the President: “California Subject Matter Project – CSMP,” $17,000; “Every Student Succeeds Act – ESSA,” $35,000

Anthropology

Dr. Matthew Lauer
Total: $158,232

Dr. Erin Riley
Total: $5,200
American Society of Primatologists: “Expanding Local Capacity in Methods in Primate Behavior, Ecology, and Conservation in South Sulawesi, Indonesia,” $2,000
Dr. Erika Robb Larkins  
Consulate General of Brazil in Los Angeles: “Traditions of the Northeast of Brazil,” $2,000  
Opening performance, Bandits and Heroes, Poets & Saints exhibit.  
PI: Erika Robb Larkins  
Photo: Joel Ortiz  

National Endowment for the Humanities: “The Making of Modern Brazil,” $105,000  

**Economics**  

Dr. Joseph Sabia  
Troesh Family Foundation: “Center for Health Economics & Policy Studies: Labor and Health Projects I,” $250,000  

**European Studies**  

Dr. Clarissa Clo  
Institute of Italian Culture: “Online Elementary Italian II course (ITAL100B),” $3,329
Geography

**Dr. Trent Biggs**
Salisbury University: “Estimating the Social Benefits of Satellite Imagery used to Enforce the Brazilian Forest Code and Reduce Deforestation,” $6,210

Geography Professor Trent Biggs measuring streamflow in a pasture in the Amazon with Brazilian collaborators Tatiane Checchia and Janielson Lima.
PI: Trent Biggs
Photo: Zack Werner


**Dr. Trent Biggs and Dr. Fernando De Sales**

**Dr. Thomas Herman**
Esri Inc: “Coordination of Statewide Student Geographical Information Systems (GIS) Mapping Competition,” $1,000

San Diego County Office of Education: “Contributions to San Diego County of Education History-Social Science Conference 2020,” $3,000

San Diego Unified School District: “Evaluation of School-Age Prevention and Early Intervention Program Central,” $38,000; “Evaluation of School-Age Prevention and Early Intervention Program in Central Southeastern Region,” $38,000

South Bay Community Services: “Evaluation of CalWORKs Home Visiting Program,” $12,000; “Evaluation of First 5 Targeted Home Visiting Program for South Bay Community Services,” $42,000; “Local Evaluation of the Proud Parenting Program for South Bay Community Services,” $20,000; “South Region Evaluation: First 5-Healthy Development Services for Children,” $79,344

**Dr. Piotr Jankowski**
Portland State University: “Convergence Accelerator Phase I (RAISE): Open Knowledge Network for Spatial Decision Support,” $37,962

**Dr. Hilary McMillan**
Hilary McMillan at CSU Sacramento conducting field monitoring of groundwater responses in preparation for their COAST project.
PI: Hilary McMillan
Photo: David Dralle, Sacramento State and U.S. Forest Service.

Dr. Andre Skupin          Total: $15,000
Scripps Clinic Medical Group: “Stroke After Aspiration Thrombectomy: Using Machine Learning to Find Clinically Relevant Patterns in the Minneapolis Heart Institute Foundation STEMI Registry,” $15,000

Dr. Douglas Stow          Total: $47,952
USDA Forest Service: “Effects of Drought Stress and Forest Management on Fire Behavior and Post-Fire Forest Structure in a Western Coniferous Forest,” $47,952

Dr. Ming-Hsiang Tsou      Total: $49,442
University of California at San Diego: “Geographical Information Systems (GIS) and Data Visualization Enhancement with the Data Mart Infrastructure in the California Teachers Study (CTS),” $49,442

Latin American Studies

Dr. Ramona Perez          Total: $20,000
Tinker Foundation Inc: “SDSU/Tinker Foundation Field Research Grants for Latin America,” $20,000

Political Science

Dr. Lei Guang              Total: $69,484
University of California at San Diego: “Making Effective Policy Toward China by Understanding China’s Internal Political Dynamics,” $69,484
Awards Received July 1, 2019 - June 30, 2020

**Sociology**

**Dr. Sheldon Zhang**  
Total: $93,276

The City University of New York-John Jay College: “San Diego Trafficking Prevention Collective,” $93,276

**Spanish and Portuguese Languages and Literatures**

**Dr. Ricardo Vasconcelos**  
Total: $27,778

Camoses Institute: “Support for SDSU Portuguese Program — Teaching and Research,” $27,778

Portuguese 110 students with guest author  
Portuguese novelist David Machado.  
PI: Ricardo Vasconcelos
Awards Received July 1, 2019 - June 30, 2020

COLLEGE OF EDUCATION
Dr. Y. Barry Chung, Dean

Office of the Dean

Dr. Y. Barry Chung
Price Philanthropies Foundation: “College Avenue Compact,” $998,106; “Programs at Monroe Clark Wilson Middle Schools,” $56,495


Administration, Rehabilitation & Postsecondary Education

Dr. Charles Degeneffe and Dr. Mark Tucker
U.S. Department of Education Rehabilitation Services Administration: “Rehabilitation Counseling in the Pacific,” $199,999

Dr. Felisha Herrera Villarreal
National Science Foundation: “Building Capacity: Undergraduate STEM Transitions, Experiences, and Mobility,” $147,714

Dr. Sonia Peterson
U.S. Department of Education Office of Special Education/Rehabilitation Services: “Rehabilitation Services Administration,” $149,993

Dr. Caren Sax
Association for Learning Environments: “Association for Learning Environments (A4LE),” $23,460

California Community Colleges-Chancellor’s Office: “Disability Support Programs and Services (DSPS) Technical Assistance 18/19,” $395,847

California Department of Developmental Services: “Exceptional Family Resource Center (EFRC) DDS 20/21,” $294,998

CaPROMISE participant at a worksite developed through the Riverside County of Education. PI and photo: Caren Sax
California Department of Education: “Exceptional Family Resource Center (EFRC) Family Empowerment Center 19/20,” $255,914; “Collaboration to Utilize Existing Data-Based Evidence to guide CDOR Planning and Decision Making,” $129,149


Health Sciences High and Middle College: “Adult Transition Services,” $45,428

Nevada Department of Employment Training and Rehabilitation: “E/Rehab Website Upgrade, Hosting and Maintenance,” $16,485

Poway Unified School District: “Exceptional Family Resource Center (EFRC) Poway Alternative Dispute Resolution 19/20,” $7,000

San Diego County Office of Education: “Exceptional Family Resource Center (EFRC) Resolutions for Student Success 19/20,” $70,000

San Diego County Superintendent of Schools: “19/20 Exceptional Family Resource Center (EFRC) Early Start Referral Services,” $25,671

San Diego State University: “MA Degree in Education with a Concentration in Post-Secondary Education Leadership,” $70,283

San Diego/Imperial Counties Developmental Services Inc: “19/20 Exceptional Family Resource Center (EFRC) Spanish Phone Calls/Faxes and English Faxes,” $105,456


Utah State University: “Targeting Special Education Vocational Rehabilitation Secondary Transition Collaboration Competencies for Improved Transition Outcomes,” $77,089

U.S. Department of Education Office of Special Education/Rehabilitation Services: “Workforce Innovation Technical Assistance Center (WITAC),” $3,498,393

Dr. Nan Hampton and Dr. Caren Sax  
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; “Raising the Bar: Long Term Training in Rehabilitation Counseling,” $200,000  
Total: $400,000

Dr. Mark Tucker  

George Washington University: “GW-CRCRE Center for Innovative Training in VR,” $187,037

Nevada Department of Employment Training and Rehabilitation: “Nevada Bureau of Vocational Rehabilitation - Comprehensive Statewide Needs Assessment,” $59,883

Total: $1,630,349

Total: $400,000

Total: $1,630,349
Awards Received July 1, 2019 - June 30, 2020

**Dr. Felisha Herrera Villarreal and Dr. Melo-Jean Yap**  
Total: $349,997  
National Science Foundation: “Influential Networks for Women of Color in STEM Community College Pathways,” $349,997

![Women of Color in STEM Community College Pathways photo collage. PIs: Dr. Felisha Herrera Villarreal and Dr. Melo-Jean Yap](image)

**Child & Family Development**

**Dr. Sarah Garrity and Dr. Sascha Longstreth**  
Total: $174,320  
Price Philanthropies Foundation: “Strengthening Family Childcare Providers Program,” $19,320  
San Diego Grantmakers: “Family Child Care Curriculum,” $155,000

**Dr. Kelsey Dickson**  
Total: $168,779  
National Institute of Mental Health: “Adapting an Autism Spectrum Disorder (ASD) Executive Functioning Intervention for Implementation in Children’s Mental Health Services,” $168,779

**Dr. Sarah Garrity**  
Total: $2,791  
YMCA of San Diego County: “San Diego Comprehensive Approaches to Raising Education Standards (CARES) Program,” $2,791

**Dr. Sarah Garrity, Dr. Lisa Linder, and Dr. Sascha Longstreth**  
Total: $154,139  
Escondido Community Child Development Center: “Early Childhood Mental Health Consultation Pilot - Escondido Community Child Development Center,” $52,247

**Dr. Audrey Hokoda**  
Total: $20,000  
California Endowment: “Trauma-Informed Parent Leadership at Cherokee Point Elementary,” $20,000
Parents lead workshops on media and social norms. PI and photo: Audrey Hokoda

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<tr>
<th>Dr. Lisa Linder</th>
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<th>Dr. Sarah Rieth</th>
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<td>San Diego Regional Center for the Developmentally Disabled: “PUENTE (Padres Unidos En Transformacion y Empoderamiento),” $16,894</td>
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<td>University of California at San Diego: “Reducing Disparities in Early Identification and Intervention for Traditionally Underserved Children and Families,” $19,312</td>
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<th>Dr. Rachel Schlagel</th>
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<td>Palo Alto Veterans Institute for Research: “Improving and Sustaining Delivery of Cognitive Processing Therapy (CPT) for Post-traumatic Stress Disorder (PTSD) in Mental Health Systems,” $25,198</td>
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<tr>
<td>University of California at San Diego: “Clinic for Child and Youth Psychiatry (CCYP) Evaluation,” $22,308</td>
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**Counseling & School Psychology**

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<tr>
<th>Dr. Jose Estrada and Dr. Laura Owen</th>
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<td>Price Philanthropies Foundation: “College Avenue Compact,” $959,118</td>
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<tr>
<th>Dr. Tonika Green</th>
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<td>U.S. Department of Education Office of Special Education/Rehabilitation Services: “Trauma Leaders Consortium (TLC): Fostering Positive Outcomes for Students with Disabilities in Foster Care,” $249,997</td>
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<tr>
<th>Dr. Bonnie Kraemer and Dr. Katina Lambros Ortega</th>
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<th>Dr. Katheryne Leigh and Dr. Carol Robinson-Zanartu</th>
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<td>U.S. Department of Education Office of Special Education/Rehabilitation Services: “Supporting High-Intensity Mental Health Needs of Native and Indigenous Youth: School Psychologist and Counselor Advanced Preparation (SHPA),” $225,486</td>
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Awards Received July 1, 2019 - June 30, 2020

Dr. Jennica Paz and Dr. Carol Robinson-Zanartu  
U.S. Department of Education Office of Special Education/Rehabilitation Services: “Partnering to Unify Education Service for Dual Language and English Learners (PUDE!),” $250,000  

Dr. Brent Taylor  
Price Philanthropies Foundation: “Price Charities Counseling Program,” $102,772  

Total: $352,772

Dual Language and English Learner Education

Dr. Alberto Esquinca  

University of Texas El Paso: “Broadening Participation in Engineering: A Qualitative Study on Latina/o Persistence in and Beyond the Degree,” $21,976  

Utah State University: “Enhancing Engineering Understanding in K-5 Bilingual Programs: Advocating for Latinx in Engineering Careers,” $25,000  

Total: $86,886

Educational Leadership

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

Dr. Joseph F. Johnson, Jr.  
Iftin Charter School: “National Center for Urban School Transformation (NCUST) High-Performing Schools Equity Audit Iftin Charter,” $26,000  

Total: $206,000

Inspire Charter Schools: “National Center for Urban School Transformation (NCUST) Inspire South Low Performing Student Block (LPBSG),” $325,000  

Kansas Learning Network: “Professional Development for Kansas City Public Schools - National Center for Urban School Transformation (NCUST),” $360,000  


Total: $1,553,494
Awards Received July 1, 2019 - June 30, 2020


Riverside County Office of Education: “Equity Audit - Riverside County Office of Education,” $528,520


San Diego County Office of Education: “National Center for Urban School Transformation (NCUST): SDCOE California Collaborative for Educational Excellence (CCEE),” $50,000


Shelby County Schools: “National Center for Urban School Transformation (NCUST): A-PLUS Shelby County Schools,” $72,000

Dr. Ian Pumpian
San Diego Regional Center for the Developmentally Disabled: “Creative Support Alternatives - Supported Living,” $109,827

Dr. Ian Pumpian and Dr. Caren Sax
Regional Center of the East Bay: “Creative Support Alternatives - Independent Living Regional Center of the East Bay (RCEB),” $73

San Diego Regional Center for the Developmentally Disabled: “Creative Support Alternatives - Personal Assistance,” $32,383

San Diego/Imperial Counties Developmental Services Inc: “Creative Support Alternatives- Independent Living,” $41,884; “Creative Support Alternatives: Community Employment Services,” $64,635

Valley Mountain Regional Center: “Creative Support Alternatives: Independent Living Services Program 2020,” $133,903

Special Education

Dr. Estella Chizhik and Dr. Laura Hall
Texas Tech University: “3D Ed Prep 4 All,” $100,000

Dr. Lauren Collins
Ohio Valley Educational Cooperative: “STOP School Violence,” $88,933

Dr. Laura Hall
University of North Carolina-Chapel Hill: “US PREP Technical Assistance Model Evaluation,” $15,000

Dr. Laura Hall and Dr. Bonnie Kraemer
University of North Carolina-Chapel Hill: “Efficacy Follow up Study of Center on Secondary Education for Students with Autism Spectrum Disorder (CSESA) Intervention,” $150,500
Awards Received July 1, 2019 - June 30, 2020

Dr. Laura Hall and Dr. Yasemin Turan-Qian
Total: $148,645

Dr. Jessica Suhrheinrich
Total: $689,710
California Department of Developmental Services: “Collaborative Development of Culturally Appropriate Resources for Parents of Individuals with Disabilities,” $99,998

Organization for Autism Research: “Systematic Adaptation of Evidence-based Resources to Support Adults with Autism Spectrum Disorder (ASD) in Community Settings,” $37,707

University of California at Davis: “Exploring Multi-level System Factors Facilitating Teacher Training and Implementation of Evidence-Based Practices (EBP),” $111,031

U.S. Department of Education Institute of Education Sciences: “The Development of an Empirically-based Adaptation and Training Model for Intervention Scale up of Classroom Pivotal Response Teaching (CPRT),” $337,041

PI: Jessica Suhrheinrich (second from right)

Teacher Education

Dr. Meredith Houle
Total: $145,680
CSU East Bay: “Aligning the Science Teacher Education Pathway: A Networked Improvement Community,” $145,680

Dr. Lisa Lamb
Total: $53,021
University of California Office of the President: “Mathematics Professional Development for Statewide Gear Up Project,” $53,021

Dr. Lisa Lamb and Dr. Melissa Soto
Total: $56,437
University of California Office of the President: “San Diego Math Project - California Subject Matter Project (CSMP),” $24,000; “San Diego Math Project – ESSA,” $32,437

Dr. Cynthia Park
Total: $1,064,373
California Department of Education: “Upward Bound Summer Residential Program 2018,” $11,043

University of California at San Diego: “Health Careers Opportunities Program / San Diego Regional Consortium,” $135,000; “Lincoln Title 1 9th Grade Academic Achievement Initiative,” $25,768

Neuroengineering Camp (YSP-REACH Camp) at San Diego State University.
PI: Cynthia Park
Photo courtesy of Pre-College Institute

**Dr. Donna Ross**
California State University San Francisco: “Western Regional Noyce Alliance (WRNA),” $405,899

California State University Sonoma: “SDSU Teacher Education Maker Movement,” $10,000

**Dr. Rafaela Santa Cruz**
San Diego State University: “CSET Math & Science Subtests,” $11,000

**Dr. Emily Schell**
California State University Office of the Chancellor: “UC/CSU Sustainability Summit,” $3,500
## Awards Received July 1, 2019 - June 30, 2020

### COLLEGE OF ENGINEERING  
**Dr. Eugene Olevsky, Dean**

#### Office of the Dean

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<tr>
<th>Name</th>
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<tr>
<td>Ms. Theresa Garcia</td>
<td><strong>$256,472</strong></td>
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<tr>
<td>U.S. Department of Defense Office of Naval Research: “Advancing Navy STEM Workforce through Education and Research (ANSWER),”</td>
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<td>Dr. Eugene Olevsky</td>
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<td>University of California Office of the President: “2019-2020 MESA Engineering Program (MEP),”</td>
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<td>University of California Office of the President: “MESA Oracle Summer Program,”</td>
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#### Aerospace Engineering

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<tr>
<td>Dr. Ahmad Bani Younes</td>
<td><strong>$10,884</strong></td>
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<tr>
<td>Khalifa University: “Trajectory Design and Optimization for Space Applications,”</td>
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<td>Dr. Jun Chen</td>
<td><strong>$95,000</strong></td>
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<td>Massachusetts Institute of Technology: “Dynamic Aircraft Hazard Area Generation for Space Operations,”</td>
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<td>TuSimple LLC: “Dispatch and Scheduling System for Autonomous Truck Fleet Management,”</td>
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<td>Dr. Gustaaf Jacobs</td>
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<tr>
<td>Dr. Xiaofeng Liu</td>
<td><strong>$83,126</strong></td>
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![Tomographic-PIV experimental setup at SDSU.](image)  
PI: Xiaofeng Liu  
Photo: Jose Roberto Moreto

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<tr>
<td>National Aeronautics and Space Administration: “Prandtl-D Aerodynamic Load and Induced Thrust Validation using Time-Resolved Stereoscopic PIV Wind Tunnel Measurements (Fellow - Brad Zalenko),”</td>
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Dr. Ping Lu  
Total: $141,500

Civil & Environmental Engineering

Mr. Thomas Abram  
Total: $1,500

Dr. Robert Dowell  
General Dynamics NASSCO: “Wood Block Testing for Ship Launch,” $6,192  
Total: $6,192

Dr. Robert Dowell and Dr. Julio Valdes  
General Dynamics NASSCO: “Fatigue Testing of Full-Scale Swage Panels for Ships,” $181,344  
Total: $473,745

Dr. Temesgen Garoma  
Metropolitan Water District of Southern California: “Solar Thermal Energy Concentrated with Fresnel Lens for Seawater Desalination,” $10,000  
Total: $10,000

Dr. Sahar Ghanipoor-Machiani  
Scripps Health: “Evaluation of Driving Ability After Mild Traumatic Brain Injury,” $12,500  
Total: $12,500

Dr. Sahar Ghanipoor-Machiani and Dr. Arash Jahangiri  
Virginia Polytechnic Institute and State University: “Safety through Disruption (Safe-D) University Transportation Center (UTC),” $473,745  
Total: $473,745

Dr. Alicia Kinoshita  
U.S. Department of Interior Bureau of Land Management: “Improving Post-wildfire Peak Streamflow Predictions for Small Watersheds and Communities,” $24,958  
Total: $24,958

Dr. Natalie Mladenov  
National Science Foundation: “INTERN: Modeling the Fate of Chemicals of Emerging Concern in Aerobic and Anaerobic Membrane Bioreactor Systems,” $54,993; “REU: Quantifying Chemical Loadings from Sludge Generated by MBR and AnMBR Treatment Systems for Water Reuse,” $7,000  
Total: $61,993

Dr. Natalie Mladenov and Dr. Matthew Verbyla  
San Diego River Conservancy: “Persistence of SARS Coronavirus-2 in Natural Waters,” $11,700  
Total: $11,700

Dr. Hassan Tavakol-Davani  
IEA Research and Education Foundation: “Statistical Analysis on Oil and Grease Monitoring Data to Evaluate the Effectiveness of Intermediate Devices,” $5,063  
Total: $5,063
Awards Received July 1, 2019 - June 30, 2020

Mr. Thomas Zink
U.S. Department of Defense Army Corps of Engineers: “San Clemente Island Botany Program Implementation,” $506,841

Electrical & Computer Engineering

Dr. Baris Aksanli
National Science Foundation: “Collaborative Research: MLWiNS: Hyperdimensional Computing for Scalable IoT Intelligence Beyond the Edge,” $60,000

The mathematical properties of high-dimensional spaces can explain the key aspects of human memory, perception, and cognition, which is the basis of Hyper-dimensional computing.
PI: Baris Aksanli
Photo Credit: Pixaby

Dr. Amirhossein Alimohammad
National Science Foundation: “SHF: SMALL: Reconfigurable and Programmable Processors for Brain-Computer Interfacing,” $320,000

Dr. Sunil Kumar
Intelligent Automation Inc.: “RETAIN: Resilient and Self-Healing Protocol Stack for Directional Tactical Mesh Networks,” $17,000

Dr. Saeed Manshadi
Awards Received July 1, 2019 - June 30, 2020

Dr. Chunting Mi          Total: $100,000
Ford Motor Company: “Data Piece Based Parameter Identification and Prognostics of Lithium-ion Batteries,” $100,000

Dr. Wei Gao, postdoctoral researcher working on the battery project to enhance the safety and reliability of electric vehicles.
PI and photo: Chunting Mi

Dr. Huu Nguyen          Total: $25,000
LinQuest Corporation: “Measurement and Analysis of SATCOM Operational Resiliency,” $25,000

Dr. Christopher Paolini          Total: $10,783

Dr. Reza Sabzehgar          Total: $105,000
TransPower: “Control and Optimization of an Inverter Utilized in Electric Heavy-Duty Vehicle for Fast Transmission Shifting,” $105,000

Control board and transmission system for TransPower project.
PI: Reza Sabzehgar
Photo: Kash Olia, TransPower

Dr. Satish Sharma          Total: $380,000
Fuse Integration: “Resilient Directional Mesh Enhanced Tactical Airborne Networks,” $200,000

National Aeronautics and Space Administration: “Applicability of Hybrid-Beamforming based Massive MIMO Antenna Arrays Concepts for 5G Millimeter Wave Applications to SmallSats Platforms,” $150,000

U.S. Department of Defense Naval Information Warfare Center (NIWC): “Design and Test Support for Microwave Wide Circular Polarized Phased Array,” $30,000
Awards Received July 1, 2019 - June 30, 2020

**Dr. Hakan Toreyin**
*Total: $299,331*

National Science Foundation: “Leveraging Stochastic Resonance for High Spatial-Resolution Extracellular Monitoring.” $299,331

MS student Kyle Gherardi designing a software that mimics a neural recording environment that can generate synthetic neural recordings.

PI and photo: Hakan Toreyin

**Dr. Junfei Xie**
*Total: $214,825*


Dr. Junfei Xie is coordinating the UAV flight tests

PI and photo: Junfei Xie
Mechanical Engineering

Dr. Asfaw Beyene

Dr. Amneet Pal Bhalla
National Science Foundation: “Collaborative Research: Frameworks: Multiphase Fluid-Structure Interaction Software Infrastructure to Enable Applications in Medicine, Biology, and Engineering,” $499,682

A team from San Diego State University and Northwestern University used the Comet and Bridges supercomputers to simulate inertial sea wave energy converter devices in collaboration with Polytechnic University of Turin.
PI: Amneet Pal Bhalla
Photo: Mattiazzo Group, Politecnico di Turin.

Dr. Subrata Bhattacharjee
National Aeronautics and Space Administration: “Residence Time Driven Flame Spread Over Solid Fuels,” $150,000

Dr. Randall German
National Aeronautics and Space Administration: “Multi-Scale Modeling and Experimentation on Liquid Phase Sintering in Gravity and Microgravity Environments,” $75,000

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,” $150,000

Dr. Samuel Kassegne
University of Washington: “National Science Foundation Engineering Research Center for Neurotechnology (CNT),” $297,679

Dr. Parag Katira
Department of Defense U.S. Army: “Biomathematics: Predicting Tissue Dynamics based on Stochastic Variations in Cell Stiffness and Spatial Clustering within the Tissue Environment,” $93,034

Dr. Karen May-Newman
Abbott Vascular: “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,” $40,000

Becton Dickinson and Company: “Design Project of Roller Clamps for Intravenous Administration Sets,” $9,600

Dr. Fletcher Miller
National Aeronautics and Space Administration: “Developing the Narrow Channel Apparatus as a NASA Standard Material Flammability Test – Flight Experiment,” $90,000

Dr. Kee Moon
Sejong University South Korea: “Winter Program at SDSU,” $63,000
Dr. Eugene Olevsky          Total: $422,119
General Electric: “Sintering of 3D-Printed Complex Shape Porous Components,” $130,000

Dr. Kevin Wood          Total: $231,137
Belenos Clean Power Holding Ltd: “Fundamental Understanding of Li Metal Anodes for Improved Device Performance,” $231,137

Dr. George Youssef          Total: $369,593
National Science Foundation: “In-situ Multimode Ultrahigh Strain Rate Loading and Characterization,” $369,593
Awards Received July 1, 2019 - June 30, 2020

FOWLER COLLEGE OF BUSINESS
Dr. Bruce A. Reinig, Interim Dean

Finance

Dr. Ning Tang

Management Information Systems

Dr. Aaron Elkins and Dr. Bongsik Shin
Department of Defense Office of Naval Research: “Building the Foundation for Navy Augmented Reality Supported Maintenance,” $74,313

Dr. John Francis
City of San Diego: “Small Business Enhancement Program – 2020,” $22,000

Dr. Martina Musteen
U.S. Department of Education Office of Postsecondary Education: “Center of International Business Education & Research (SDSU CIBER),” $315,000

Dr. Bongsik Shin
Marc Perez Inc: “Eliminating Ransomware Attacks with Program Access Control (PAC),” $7,500; “Eliminating Ransomware Attacks with Program Access Control (PAC) - Phase 2,” $7,500
COLLEGE OF HEALTH & HUMAN SERVICES
Dr. Steven Hooker, Dean

Office of the Dean

Dr. Steven Hooker
California Department of Health Services, “Women, Infants and Children (WIC),” $6,989,018
California Women, Infants and Children (WIC) Association: “Census Mini Grant,” $38,000

Exercise & Nutritional Science

Dr. Michael Buono
Avacen Inc: “Effect of Combined Hand Warming and Negative Pressure on Blood Glucose and Blood Pressure,” $33,419
Leidos Inc: “Comparison of Different Heat Tolerance Tests,” $144,303

Dr. Daniel Cannon
National Science Foundation: “Collaborative Research: Role of Endogenous Carbon Monoxide (CO) in Hypoxia Tolerant Species,” $152,699

Dr. Shirin Hooshmand and Dr. Mark Kern
Almond Board of California: “Roles of Almonds for Physical Performance,” $179,300
California Dried Plum Board: “The Impact of Consuming California Dried Plums (Prunes) on Bone Health of Young Women Using Hormonal Contraceptives,” $333,910

Dr. Mee Young Hong, Dr. Shirin Hooshmand, Dr. Changqi Liu
California Strawberry Commission: “Impact of Strawberries on Cognitive and Motor Function and Vascular and Cardiometabolic Risk Markers in Older Healthy Adults: A Randomized, Cross-over, Double-blind, Placebo-controlled Clinical Trial,” $83,863

Dr. Changqi Liu
California State University Los Angeles: “Improving the Functionalities and Applications of Rice Protein Ingredients,” $17,279
Trex Company, Inc.: “Amandin Detection in Wood and Composite Decking,” $2,611
Awards Received July 1, 2019 - June 30, 2020

Dr. Matthew Mahar
National Academy of Kinesiology: “Kinesiology Doctoral Program Evaluation,” $5,000

Dr. Katrina Maluf
National Institute of Child Health and Human Development: “Role of Patient-provider Communication on Clinical Outcomes of Rehabilitation for Chronic Spine Pain,” $34,369
Veterans Medical Research Foundation: “Imaging Central and Peripheral Impairments in Chronic Post-traumatic Headache,” $51,716

Dr. Amanda McClain
National Heart, Lung, and Blood Institute: “Capacity-oriented Approaches to Food Security, Diet Quality, and Cardiovascular Disease Risk Among Hispanics/Latinos,” $183,054

Dr. Lori Tuttle
National Institute of Child Health and Human Development: “An Innovative Rehabilitation Approach for Women with Anal Incontinence,” $1,030,218

Dr. Larry Verity
San Diego State University: “College Avenue Compact - Staff Support,” $436,191
San Diego Unified School District: “College Avenue Compact - Wilson Middle School Students Advocates (SDUSD),” $38,049

Post-traumatic headache project
PI: Katrina Maluf
Awards Received July 1, 2019 - June 30, 2020

**Nursing**

**Dr. Beverly Carlson**  
Total: $59,522  
University of California at San Diego: “UC San Diego Clinical and Translational Research Institute,” $59,522

**Dr. Philip Greiner**  
Total: $846,624  
Health Resources and Services Administration: “Geriatrics Workforce Enhancement Program COVID - CARES Act Imperial County Telehealth,” $90,625; “Geriatrics Workforce Enhancement Project,” $754,999

The American Geriatrics Society: “GWEP Support 2020,” $1,000

**Public Health**

**Dr. Elva Arredondo**  
Total: $254,918  
National Institute of Child Health and Human Development: “Floreciendo Juntas (Growing Together): A Mother-daughter Physical Activity Program,” $225,750

San Diego State University: “Infrastructure Support for Elva Arredondo,” $29,168

**Dr. Lisa Asmus**  
Total: $68,500  

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

Ms. Lisa Asmus and Dr. Corinne McDaniels  
Total: $83,351  

San Ysidro Health Center: “HIV Pre-exposure Prophylaxis (PrEP) Navigator Services Programs – Evaluation,” $30,000

**Dr. Guadalupe X. Ayala**  
Total: $72,377  
Seattle Children’s Hospital & Regional Medical Center: “Parents as Peer Interventionists in Treatment for Pediatric Weight Management,” $40,640

University of California at Los Angeles: “A Mobile Phone-based Pilot Intervention to Prevent Childhood Obesity in Latino Preschool Children,” $31,737
Awards Received July 1, 2019 - June 30, 2020

<table>
<thead>
<tr>
<th>Dr. Stephanie Brodine</th>
<th>Total: $23,402</th>
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<tbody>
<tr>
<td>Indian Health Council: “Native American Research Centers for Health (NARCH) Core,” $8,402</td>
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<td>University of California at San Diego: “Centers of Excellence,” $15,000</td>
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<tr>
<th>Dr. Jerel Calzo</th>
<th>Total: $165,443</th>
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<tr>
<td>Harvard Medical School: “Eating Disorders Prevention for Transgender Young Adults: An Intervention Mapping Approach,” $4,224</td>
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<tr>
<th>Dr. Sheila Castaneda</th>
<th>Total: $54,141</th>
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<tr>
<td>University of California at San Diego: “CRC-HUB-SPOKE: A Colorectal Cancer Screening Hub for Southern California Community Health Centers,” $54,141</td>
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<tr>
<th>Dr. Heather Corliss</th>
<th>Total: $70,306</th>
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<tr>
<td>California Tobacco Related Disease Research Program: “At the Intersection of Social Inequity: Tobacco Use Disparities Among Diverse LGBTQ Adolescents,” $70,306</td>
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<tr>
<th>Dr. Nathan Dodder</th>
<th>Total: $25,000</th>
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<tr>
<td>San Diego Zoo Global: “Noninvasive Hormone Monitoring in Managed White Rhinoceroses,” $25,000</td>
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<tr>
<th>Dr. Nathan Dodder and Dr. Eunha Hoh</th>
<th>Total: $301,000</th>
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<tr>
<td>California Tobacco Related Disease Research Program: “Pilot Investigation of Tobacco, E-cigarette, and Cannabis Contaminants in an Urban Natural Reserve,” $301,000</td>
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<th>Dr. Tracy Finlayson</th>
<th>Total: $23,844</th>
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<tr>
<td>San Diego County Employees' Charitable Organization: “Boca Sana - Oral Health Behavior Social Support,” $620</td>
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<tr>
<td>University of California at San Francisco: “BEhavioral EConomics for Oral Health iNNovation (BEECON),” $23,224</td>
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<tr>
<th>Dr. Tracy Finlayson and Dr. Corinne McDaniels</th>
<th>Total: $72,623</th>
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<tr>
<td>San Diego County Health and Human Services Agency: “Local Oral Health Program - CNA&amp;E - 20/21,” $72,623</td>
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<tr>
<th>Dr. Eunha Hoh</th>
<th>Total: $217,479</th>
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<tr>
<td>Cincinnati Children’s Hospital: “Reducing Secondhand Smoke Exposure Among Pediatric Patients in the Emergency Department Setting,” $21,829</td>
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<tr>
<td>University of California at Santa Barbara: “A Pilot Study of Tobacco &amp; Cannabis Contaminants in Protected Areas,” $195,650</td>
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<tr>
<th>Dr. Eunha Hoh and Dr. PJE Quintana</th>
<th>Total: $413,240</th>
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<tr>
<td>California Tobacco Related Disease Research Program: “Measuring and Reducing Exposure to Thirdhand Smoke,” $413,240</td>
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<th>Dr. Nada Kassem</th>
<th>Total: $376,250</th>
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<tr>
<td>California Tobacco Related Disease Research Program: “Determining Risk of Transfer of Hookah Tobacco Thirdhand Smoke,” $376,250</td>
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<tr>
<th>Dr. Susan Kiene</th>
<th>Total: $1,070,290</th>
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Awards Received July 1, 2019 - June 30, 2020

National Institute on Alcohol Abuse and Alcoholism: “Development and Pilot Testing of a Combination Intervention to Reduce Heavy Drinking and Improve HIV Care Engagement Among Fisherfolk in Uganda,” $236,060

University of Texas San Antonio: “Development and Pilot Testing of a Multi-Level Intervention to Increase Family Planning in Rural Uganda,” $43,157

**Dr. Brandy Lipton**

University of Maryland: “Do School-based Health Services Reduce Academic and Behavioral Inequalities Among Youth?,” $47,247

**Total: $47,247**

**Dr. Hala Madanat**

University of California at San Diego: “Cancer Center Support Grants (CCSG) for NCI Designated Cancer Center,” $71,373

**Dr. Hala Madanat and Dr. Corinne McDaniels**

San Diego State University: “Community Health Workers for COVID-19 Contact Tracing in San Diego County,” $2,943,543

**Total: $2,943,543**

**Dr. Corinne McDaniels**

Indian Health Council: “NARCH X Evaluation,” $9,963

San Diego County Health and Human Services Agency: “Behavioral Health Services - Community Engagement Process,” $145,500; “Tobacco Control Resource Program - Evaluation Services Yr 3,” $70,000

The Children's Initiative: “CI Data to Action – Reducing Child Injury and Death,” $16,229

The Clearity Foundation: “Ovarian Cancer Pilot Project Evaluation,” $15,000

University of California at San Diego: “Disparities in Cervical Cancer Brachytherapy Utilization in San Diego and Imperial County,” $25,000; “MCC CIAPM Community Outreach & Engagement (COE),” $50,443; “UC San Diego Clinical and Translational Research Institute (CTRI),” $122,856; “UCSD MCC: P30 CCSG Catchment Area Population Health Assessment,” $64,530

**Total: $185,357**

**Dr. Corinne McDaniels and Ms. Tanya Penn**

Sharp Healthcare: “Sharp 2019: Community Health Needs Assessment (CHNA) Phase 2,” $12,500

University of California at San Diego: “San Diego Clinical and Translational Research Institute (CTRI),” $122,857

University of California at San Diego: “UCSD Health - Community Health Needs Assessment (CHNA) Implementation Strategy 2019,” $50,000

**Total: $35,000**

**Dr. Eyal Oren**

California Tobacco Related Disease Research Program: “A Randomized Cross-over Clinical Trial of Unfiltered Cigarettes- Student Supplement,” $20,000

San Diego County Health and Human Services Agency: “COVID-19 Community Surveillance,” $15,000

**Total: $223,332**

**Dr. Humberto Parada**

National Cancer Institute: “Red Blood Cell Polyunsaturated Fatty Acids and Breast Cancer Mortality in the Women's Healthy Eating and Living (WHEL) Study,” $185,602

University of California at San Diego: “Serum Per- and Polyfluoroalkyl Substances (PFAS) and Cognitive Function in Older Adults from the Rancho Bernardo Study of Healthy Aging,” $37,730

**Total: $223,332**
Ms. Tanya Penn
Sharp Healthcare: “Sharp 2019 Community Health Needs Assessment (CHNA),” $1,800

Dr. Elizabeth Reed
National Institute of Child Health and Human Development: “An Intervention to Reduce Risk Factors for Adolescent Pregnancy,” $188,125

Dr. Karilyn Sant
University of Massachusetts: “Toxicant Disruption of Receptor-Mediated Endocytosis In Oogenesis and Later Life Metabolic Dysfunction,” $22,575

Dr. Caroline Thompson
California Tobacco Related Disease Research Program: “Spatial-, Neighborhood- and Healthcare System-related Drivers of Lung Cancer Treatment Disparities,” $40,316
University of California at San Francisco: “Understanding the Multilevel Drivers of Liver Cancer Disparities,” $20,576

Dr. Tianying Wu
California Tobacco Related Disease Research Program: “Past and Passive Smoking, Diet, Novel Biomarkers and Breast Cancer Metastasis,” $301,000

Acidic diets plus high past smoking intensity lead to worse prognoses in breast cancer survivors. 
PI: Tianying Wu

Social Work

Mr. Steven Hornberger
Aurrera Health Group LLC: “C Communications,” $75,000; “Network of Care,” $150,000
California Department of Social Services: “Strategies 2.0,” $574,263
Community Initiatives: “Breaking Barriers Symposium,” $37,500
County of Fresno: “Fresno County Transition Age Youth (TAY) Human-Centered Design Training (HCDT),” $92,001
Rhymes with Reason: “Juvenile Court Schools,” $3,465
The San Diego Foundation: “Age Friendly Communities - San Diego City,” $160,074
The Scan Foundation: “Social Policy Institute-San Diego Senior Alliance CA Master Plan for Aging 2020, 2021,” $15,000
Ventura County: “County Leadership Facilitation,” $40,068
YMCA of San Diego County: “Community Collaboration to Strengthen and Preserve Families,” $11,840
Awards Received July 1, 2019 - June 30, 2020

Dr. Adrianne Keeney          Total: $8,767
University of California at Davis: “Assessing Farm-Stress and Community Support in Imperial County Farmers,” $8,767

Dr. Eunjeong Ko          Total: $35,000
University of California at San Diego: “1/2 SDSU/UCSD Cancer Center Comprehensive Partnership.” $35,000

Dr. Jong Won Min          Total: $4,557,553
San Diego County Alcohol and Drug Services: “Driving Under the Influence Program (DUIP),” $1,581,338
University of California at Berkeley: “Mental Health Educational Stipend Program 2016-2021,” $1,500; “Title IV E Bachelors of Social Work Programs,” $287,277; “Title IV E Masters of Social Work Programs,” $2,639,482

Dr. Eileen Pitpitan          Total: $1,011,567

Ms. Jennifer Tucker-Tatlow          Total: $3,345,071

Ms. Jennifer Baum and Ms. Jennifer Tucker-Tatlow          Total: $11,224,566
California Department of Social Services: “Administration for Community Living (ACL) Adult Protective Services (APS) Training,” $215,000; “California Department of Social Services (CDSS) Child Welfare Training,” $6,520,345
County of Riverside Department of Public Social Services: “Riverside County New Practice 18/19,” $213,230; “County New Practice 19/20,” $559,899
County of San Bernardino: “SB Children and Family Services;” $2,231,332
Imperial County Department of Social Services: “Imperial Training & Coaching 19/20,” $1,247,023
San Diego County Health and Human Services Agency: “Cultural Competency Academy FY 18/19,” $170,549
Ventura County: “Ventura CWT FY 20/21,” $1,578,469

Speech, Language and Hearing Sciences

Dr. Arthur Boothroyd          Total: $72,252
University of California at San Diego: “A Realtime, Open, Portable, Extensible Speech Lab,” $72,252

Dr. Karen Emmorey          Total: $470,780
National Institute on Deafness/Other Communication Disorders: “Assessing the Neural Dynamics of Reading in Deaf Adults - Diversity Supplement,” $6,418; “Language, Modality, and the Brain,” $433,518
Stichting Katholieke Universiteit: “Domain-general Language Control: Evidence from the Switching Paradigm,” $28,164
University of Texas Dallas: “An Open Science Platform for the Neurobiology of Language Community,” $2,680
<table>
<thead>
<tr>
<th>Name</th>
<th>Total Amount</th>
<th>Funding Sources</th>
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<tbody>
<tr>
<td>Dr. Karen Emmorey and Dr. Zdenka Sevcikova</td>
<td>$552,162</td>
<td>National Science Foundation: “Collaborative Proposal: Quantifying Systematicy, Iconicity, and Arbitrariness in the American Sign Language Lexicon,” $552,162</td>
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<tr>
<td>Dr. Tracy Love-Geffen</td>
<td>$207,300</td>
<td>National Institute on Deafness/Other Communication Disorders: “Neurocognitive Approaches to Communication Disorders,” $207,300</td>
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<tr>
<td>Dr. Carol Mackersie</td>
<td>$530,501</td>
<td>National Institute on Deafness/Other Communication Disorders: “Self-fitting of Amplification: Methodology and Candidacy,” $530,501</td>
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<td>Dr. Alyson Mills</td>
<td>$150,500</td>
<td>National Institute on Deafness/Other Communication Disorders: “Semantic Learning Deficits in School Age Children with Developmental Language Disorder,” $150,500</td>
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<tr>
<td>Dr. Ignatius Nip</td>
<td>$25,000</td>
<td>American Speech-Language-Hearing Foundation: “Quantifying Tongue Movement after Radiation Therapy in Patients with Oropharyngeal Cancer,” $25,000</td>
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<tr>
<td>Dr. Giang Pham</td>
<td>$395,072</td>
<td>American Speech Language Hearing Association: “Online Resources for the Vietnamese Language: Assessment Tools, Learning Modules, and Databank,” $15,000</td>
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<td>University of California at Irvine: “Test of English Language Learning (TELL), Postdoctoral Diversity Supplement: T.Ho,” $95,888</td>
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<td>University of California at Irvine: “Test of English Language Learners (TELL),” $146,829</td>
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<tr>
<td>Dr. Sonja Pruitt</td>
<td>$15,000</td>
<td>Price Philanthropies Foundation: “College Avenue Compact - Pilot Project for Preschool Intervention at Rosa Parks Elementary School,” $15,000</td>
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<tr>
<td>Dr. Stephanie Ries-Cornou</td>
<td>$149,599</td>
<td>National Institute on Deafness/Other Communication Disorders: “Brain Dynamics of Lexical Retrieval after left Hemisphere Stroke,” $149,599</td>
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Members of the Laboratory for the Brain Dynamics of Language
PI: Stephanie Ries-Cornou
Awards Received July 1, 2019 - June 30, 2020

**Dr. Peter Torre**

**Total: $469,552**


Johns Hopkins University: “Multicenter AIDS Cohort Study - Part B (Baltimore Center),” $55,507

President & Fellows of Harvard College: “Pediatric HIV/AIDS Cohort Study (PHACS) Data and Operations Center (DOC),” $27,228

Tulane University: “Pediatric HIV/AIDS Cohort Study III (PHACS) Coordinating Center,” $20,319

University of California at San Diego: “Detect: A Novel Device to Assess how HIV Affects Neurocognitive Decline and Postural Instability in Older Adults at Risk for Alzheimer’s Disease,” $47,263
Awards Received July 1, 2019 - June 30, 2020

COLLEGE OF PROFESSIONAL STUDIES & FINE ARTS
Dr. Peggy Shannon, Dean

Art Design & History

Ms. Annie Buckley
California Arts Council: “Prison Arts Collective,” $1,146,416

Ms. Arzu Ozkal
California Humanities: “We the People: 50 Years of Women's Studies and Activism Through Art,” $11,483

Communication

Dr. Heather Canary

University of Utah: “Utah Center of Excellence in ELSI Research: UCEER,” $10,535

Pia De Los Reyes, M.A., 2020, SDSU Research Assistant (right), Collaborates with Dr. Lisa Madlensky, Genetic Counselor and UCSD Professor of Medicine, at Moores Cancer Center. PI and photo: Heather Canary

Hospitality and Tourism Management

Mr. Gene Lamke
City of Coronado: “Camperships for Coronado Residents, Camp Able,” $9,500

Music & Dance

Dr. Scott Lipscomb
University of California Office of the President: “Southern California Arts Project (NCLB),” $90,000; “Southern Counties Arts Project (CSMP),” $50,000
### Public Affairs

**Dr. Mounah Abdel-Samad**
- **Total:** $12,500
- Lucky Duck Foundation: “Does Utility Assistance for People Facing Housing Insecurity Keep People Housed?,” $12,500

**Dr. Shawn Flanigan and Dr. Megan Welsh**
- **Total:** $16,050
- California Tobacco Related Disease Research Program: “Service Utilization and Survival Strategies of Unsheltered Homeless During the COVID-19 Pandemic,” $16,050

**Dr. Alan Mobley**
- **Total:** $12,500
- Cal Poly Pomona Foundation Inc: “Project Rebound Mentorship Program,” $12,500

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Dr. Renford Reese, Cal Poly Pomona, leading a training workshop for SDSU student interns
PI: Alan Mobley
Awards Received July 1, 2019 - June 30, 2020

COLLEGE OF SCIENCES
Dr. Jeffrey T. Roberts, Dean

Office of the Dean

Dr. Catherine Atkins
University of California at San Diego: “San Diego Institutional Research and Academic Career Development Award (IRACDA): Professors for the Future,” $13,104

Dr. Catherine Atkins and Dr. Stanley Maloy
National Institute of General Medical Sciences: “Maximizing Access to Research Careers, ” $247,644

Dr. Lance Larson

Dr. Estralita Martin
CSU Sacramento University Enterprises Inc: “California State University Louis Stokes STEM Pathways and Research Alliance (CSU-LSAMP) National Science Foundation,” $15,000; “State University Louis Stokes STEM Pathways and Research Alliance (CSU-LSAMP) Senior Alliance,” $30,250

Dr. Faramarz Valafar
National Institute of Allergy and Infectious Diseases: “Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB,” $670,477

Astronomy

Dr. Douglas Leonard
National Science Foundation: “Collaborative Research: Mapping the Supernova Polarization Landscape,” $246,319

Dr. Robert Quimby
California Institute of Technology: “GROWTH: Global Relay of Observatories Watching Transients Happen,” $7,500

Dr. Kate Rubin
National Science Foundation: “Integral Field Spectroscopic Constraints on the Physics of Galactic Winds and Gas Accretion,” $351,382

Dr. Allen Shafter


Total: $1,874

Total: $670,477

Total: $247,644

Total: $13,104

Total: $246,319

Total: $7,500

Total: $351,382

Total: $36,874

Total: $13,104
Awards Received July 1, 2019 - June 30, 2020

**Biology**

**Dr. Aram Alimohammad Kalhori and Dr. Walter Oechel**

Total: $61,624

University of California at Irvine: “Innovation Center for Advancing Ecosystem Climate Solutions,” $61,624

**Dr. Todd Anderson and Dr. Brian Hentschel**

Total: $55,359

California Sea Grant College Program: “Land-based Echinoculture in California: Developing a Recirculating Aquaculture System (RAS) and Protocol for the Enhancement of Purple Urchin Roe,” $55,359

Purple urchin after 9 weeks of enhancement on artificial feed

Pls: Todd Anderson and Brian Hentschel

Photo: Renee Angwin

**Dr. Nicholas Barber**

Total: $274,088

National Science Foundation: “Rules of Life: Impacts of Plants and Communities on Soil Microbial Composition and Function Across Phylogenetic Scales,” $274,088

**Dr. Sanford Bernstein**

Total: $536,109

National Institute of General Medical Sciences: “Genetics and Molecular Biology of Striated Muscle Myosin,” $515,469

University of Nevada, Reno: “Mechanochemistry of Myosin II Filaments,” $20,640

**Dr. Sanford Bernstein and Dr. Tom Huxford**

Total: $198,660


**Dr. Kevin Burns**

Total: $55,000

National Science Foundation: “Collaborative Research: Admixture Mapping of a Hybrid Zone to Test Tinbergen's Emancipation Hypothesis- B. Meyers,” $55,000
Dr. Rulon Clark and Dr. Jeremy Long  
California Sea Grant College Program: “Improving the Siting and Practices of Offshore Finfish Farms in the Southern California Bight by Incorporating Historical and Modern Data from Islands Near Existing Fish Pens,” Total: $49,999

The research team traverses the crest of Islas Coronados Sur while sampling terrestrial species. From left to right: Ricardo DeSantiago, Ana Gomez Ramirez, Dr. Jeremy Long, Roman Nava-Landeros; not pictured: Dr. Rulon Clark. 
PIs: Rulon Clark and Jeremy Long

Dr. Rulon Clark and Dr. Jeet Sukumaran  
National Science Foundation: “Strike While the Snake is Hot: Will Increasing Nighttime Temperatures Make an Endothermic Keystone Species More Susceptible to Ectothermic Predators?,” Total: $445,297

Dr. Ted Cranford  

Comparison between frozen gray whale head and a reconstruction of the same head from CT scan data. PI and image: Ted Cranford

Dr. Richard Cripps  
National Institute of General Medical Sciences: “Genetic Regulation of Muscle Fiber Diversity,” $339,061; “Genetic Regulation of Muscle Fiber Diversity Supplement (Trujillo),” $81,276; “Genetic, Molecular and Computational Analysis of MEF2 Function in Drosophila Myogenesis,” $239,675

Total: $660,012

Dr. Matthew Edwards  

Total: $299,999
Dr. Robert Edwards
Washington University in St. Louis: “Novel Experimental and Computational Resources for Virome Analysis in Inflammatory Bowel Disease,” $377,661

Dr. Christopher Glembotski
Rees-Stealy Research Foundation: “Rees-Stealy Research Foundation Fellowship Program,” $100,000

Dr. Stephanie Grainger
National Heart, Lung, and Blood Institute: “The Role of Wnt Signaling in Normal and Abnormal Hematopoiesis,” $303,168

Dr. Natalie Gude and Dr. Mark Sussman
National Heart, Lung, and Blood Institute: “Resolving Myocardial Regeneration by Tracking Commitment of C-Kit+Cells,” $380,095

Dr. Marshal Hedin and Dr. Jeet Sukumaran
National Science Foundation: “COLLABORATIVE RESEARCH: Phylogenomics, Spatial Phylogenetics and Conservation Prioritization in Trapdoor Spiders (and kin) of the California Floristic Province,” $755,337

Adult male Habronattus jumping spider
PIs: Marshal Hedin and Jeet Sukumaran

Dr. Carrie House
National Cancer Institute: “Role of NF-kB Signaling in Supporting Ovarian Cancer Tumor-initiating Cells Responsible for Cancer Recurrence,” $249,000; “Study the Interplay of NF-kB and MAPK/ERK Activity for Efficient Repopulation of Tumors Following Chemotherapy,” $51,029
Master's student, Jacqueline Lara, studying whether major signaling pathways coordinate their activities to alter ovarian cancer cell behavior to enable tumor relapse.
PI and photo: Carrie House

**Dr. Marina Kalyuzhnaya**  
Total: $593,070

Auburn University: “Harnessing Methanotroph-Photoautotroph Interactions for Biogas Conversion to Fuels and Chemicals Using Binary Consortia,” $122,970

Johns Hopkins University: “Integrating Chemical Catalysis and Biological Conversion of Carbon Intermediates for Deriving Value Added Products from Carbon Dioxide,” $205,050

Lunar Mining Services PTY LTD: “LEAFs, Living Emission Abolish Filters for Coal-mine Methane Mitigation,” $75,000; “LEAFs, Living Emission Abolish Filters for Coal-mine Methane Mitigation. Phase 3 (Lunar PO3),” $160,050

San Diego State University: “Support of Marcus Bray for Johns Hopkins University Award,” $30,000

**Dr. Linda Kelly**  
Total: $532,570

Kampachi Farms LLC: “KRUMBS – Kyphosid Ruminant Microbial Biodigestion of Seaweeds,” $157,406

National Science Foundation: “Diel Dynamics of Dissolved Organic Matter Production and Remineralization as a Driver of Coral Reef Nutrient Recycling,” $299,236


**Dr. Scott Kelley**  
Total: $52,201

University of California at San Diego: “Role of the Gut Microbiome in Polycystic Ovary Syndrome,” $52,201

**Dr. Chun-Ta Lai**  
Total: $24,016

Wood Group, PLC: “Application of Stable Isotope Ratios to Separate Water Sources During Low Flow Conditions in County of Orange,” $24,016

**Dr. Rebecca Lewison**  
Total: $391,211

National Science Foundation: “National Science Foundation Graduate Research Internship Program (GRIP) - G. Schmidt,” $5,000; “Spatial Ecology of Wild Felids in the Context of a Fragmented and Rapidly Developing Landscape - G. Schmidt,” $46,000


Safari Club International: “California Sonoran Pronghorn Project,” $8,000
Awards Received July 1, 2019 - June 30, 2020

University of California at Santa Barbara: “Center for Excellence and Diversity in Team Science (CREDITS),” $16,454

Dr. David Lipson
The Nature Conservancy: “Monitoring, Assessment, Management, and Restoration of TNC's Applegate Property,” $22,575

Total: $37,652

Adrianna Mosier and Lauren Jonker – volunteers of the Field Stations Program conducting plant surveys and planting natives on the Nature Conservancy’s Applegate Property

PI: David Lipson
Photo: Zach and Beth Principe

University of Exeter: “The Global Methane Supplementary Travel Funding,” $15,077

Dr. Jeremy Long
Department of Interior National Park Service: “Cooperative Research and Training Program Concerning the Resources of Cabrillo National Monument for Students at San Diego State University,” $14,188

Total: $106,188

National Science Foundation: “Herbivore Community Assemblage Response … - R. DeSantiago),” $46,000; “The Effects of Climate Warming on the Invasive Rocky Intertidal Acorn Barnacle, Balanus Glandula, in its Native and Invaded Ranges of California and Argentina - C. Knight),” $46,000

SDSU PhD student Ric Desantiago uses marine epoxy to attach experimental foods to study herbivores along rocky shores.

PI: Jeremy Long
Photo: Wendi White

Dr. Stanley Maloy
National Science Foundation: “Type II: California State University Innovation Site,” $49,964

Total: $49,964

Dr. Kathleen McGuire
Vaxiion: “Efficacy, Immune Mechanism(s), and Pharmacokinetic/Biodistribution Properties of Vaxiion’s Investigational Minicell Product Intended for Use in Bladder Cancer,” $30,000

Total: $30,000

Dr. Girish Melkani
National Institute on Aging: “Molecular Basis of Circadian Rhythms Disruptions Linked Cardiometabolic Disorders and Their Mitigation Using Dietary Intervention,” $767,281

Total: $767,281

Dr. Walter Oechel
Fondazione Edmund Mach: “Investigating Manifold Strategies to Face Climate Changes in Viticulture,” $44,052

Total: $294,052
Awards Received July 1, 2019 - June 30, 2020

U.S. Department of State: “Supporting STEM Research and Graduate Education in Georgia; Building on Current Partnerships and Relationships in Georgia,” $250,000

**Dr. Walter Oechel and Dr. Samuel Shen**  
City College of New York: “Financial Assistance to Establish Four NOAA Cooperative Science Centers at Minority Serving Institutions,” $112,580

**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,” $4,394

**Dr. Joy Phillips**  
University of Nebraska Medical Center: “EP67 - Based Targeted Mucosal Vaccines to Prevent Primary Infection with CMV,” $30,100

**Dr. Forest Rohwer**  
Cystic Fibrosis Research Inc: “New Horizons: Development of Tailocins Against Microbial Infections in Cystic Fibrosis Lungs,” $70,000


Prolacta Bioscience, Inc.: “Bacteriophages in Human Milk,” $201,000

The Gordon and Betty Moore Foundation: “Phage Symbiosis Gordon and Betty Moore Foundation,” $2,025,000

**Dr. Forest Rohwer and Dr. Naveen Vaidya**  
National Science Foundation: “RAPID: Environmental Reservoirs of SARS-CoV-2,” $199,999

Mark Little sampling the urban environment for the COVID-19 sampling project  
PIs: Forest Rohwer and Naveen Vaidya  
Photo: Ph.D. student Marisa Rojas

**Dr. Anca Segall**  
Virginia Polytechnic Institute and State University: “Integrative Genomics Approach to Computational Assessment of Threats (IGACAT),” $32,705

**Dr. Nicholas Shikuma**  


Total: $2,392,281

**Total:** $2,235,175
Awards Received July 1, 2019 - June 30, 2020

Dr. Nicholas Shikuma and Dr. Robert Zeller

Dr. Mark Sussman
National Heart, Lung, and Blood Institute: “Regulation of Signal Transduction to Treat Heart Failure,” $376,250; “Resolving Myocardial Regeneration by Tracking Commitment of c-Kit+ cells-Echeagaray-Bredesen,” $73,044

A CardioCluster is composed of three cell types, c-Kit+ cardiac interstitial cells shown in green, endothelial progenitor cells shown in blue, and mesenchymal stem cells shown in red.
PI: Mark Sussman
Photo: Megan Monsanto

Dr. Xiaofeng Xu
UT-Battelle LLC: “Data Model Integration for Methane (CH4) at the S1 Bog and CH4 Module Incorporation into the Energy Exascale Earth System Model,” $37,500

Dr. Ricardo Zayas
National Institute of General Medical Sciences: “Molecular Mechanisms Underlying Sensory Neuron Regeneration and Function,” $435,573
Medical Energetics USA, Inc.: “The Effect of Magnetic Fields on Stem Cell Based Tissue Regeneration in Planarians,” $21,450

Dr. Robert Zeller
National Science Foundation: “Notch Mediated Lateral Induction and Inhibition the Ascidian Peripheral Nervous System,” $654,780
Awards Received July 1, 2019 - June 30, 2020

Mr. Thomas Zink

ACS Habitat Management: “San Clemente Island (SCI) IR Site 2 Out-Planting,” $16,634


Chemistry & Biochemistry

Dr. Bernt Mikael Bergdahl, Dr. Regis Komperda, and Dr. Byron Purse

National Science Foundation: “Mentored Pathways from Community College to Graduate School and Chemistry Careers,” $1,768,107

Dr. Sanford Bernstein and Dr. William Tong

National Institute of General Medical Sciences: “SDSU Initiative for Maximizing Student Development (SDSU IMSD),” $529,847

Dr. Jeffery Gustafson

National Institute of General Medical Sciences: “MIRA: Atropisomerism as a Means to Increase Target Selectivity and as Inspiration for New Chemistry,” $376,250; “The Catalyst Controlled Regioselective C-H Functionalization of Arenes and Heterocycles,” $455,000

Dr. Christopher Harrison


Dr. Gregory Holland


Dr. Tom Huxford

California Metabolic Research Foundation: “Enzyme Regulation, Lipid and Carbohydrate Metabolism,” $60,000

University of Nebraska Medical Center: “Development of Quinoxaline-Based IKKbeta Inhibitors for Kras Driven Cancers,” $52,680

Dr. Tom Huxford and Dr. William Stumph

California Metabolic Research Foundation: “Arne N. Wick Predoctoral Research Fellowship Naduni Paranagama,” $45,000

Dr. Byron Purse

American Chemical Society: “Synthesis and Photophysics of the DEA-tCc Fluorescent Nucleoside Analogue - - J. Cizmek,” $5,000

Dr. Christal Sohl

American Cancer Society: “Mechanisms of Isocitrate Dehydrogenase Variants in Cancer,” $792,000
Undergraduate students, Sati Alexander, Giovanni Quichocho, and Alexandra Strom at the SACNAS in Hawaii.
PI: Christal Sohl

Dr. Manal Swairjo
University of Florida: “Study of Queuosine Salvage and Function in Eukaryotes; a Forgotten Micronutrient,” $121,000

Dr. William Tong
American Chemical Society: “2019 Festival Grant,” $750; “Georgia: Travel Grant for National Meeting,” $1,250
Government of Georgia: “Graduate Stipend for SDSU-Georgia Chemistry Program,” $40,000

Dr. Yong Yan
Department of Energy National Renewable Energy Laboratory: “Center for Hybrid Organic-Inorganic Semiconductors for Energy,” $125,000
National Science Foundation: “Hybrid Halide Perovskite Materials for Photocatalytic Carbon-Carbon Bond Formation,” $249,487
Total: $374,487

Computer Science

Dr. Jose Castillo and Dr. Bing Zhu
The Henry Ford: “Web Archiving Service,” $12,284

Dr. Shangping Ren
National Science Foundation: “Request for TTP Supplement,” $55,000
Total: $55,000

Dr. Marie Roch
Human Frontier Science Program Organization: “Communication and the Coordination of Collective Behavior Across Spatial Scales in Animal Societiesm,” $145,975
Total: $716,935
Awards Received July 1, 2019 - June 30, 2020

Dr. Wei Wang
Total: $216,000

Geological Science

Dr. Allen Gontz and Dr. Thomas Rockwell
Total: $20,000
University of Southern California: “Collection of Very High-Resolution Aerial Imagery For Assessment of Creep on the Southernmost San Andreas Fault,” $20,000

Dr. Shuo Ma
Total: $52,999
University of Southern California: “Validation of Broadband Ground Motion from Dynamic Rupture Simulations,” $25,000; “Validation of Broadband Ground Motion from Dynamic Rupture Simulations: Towards Better Characterizing Seismic Hazard for Engineering Applications,” $27,999

Dr. Jillian Maloney
Total: $20,483
University of Southern California: “Evolution of the San Diego Bay Pull-Apart Basin,” $20,483

Dr. Kim Olsen
Total: $210,748
Willis Limited: “Enhanced Loss Calculation Based on 3D Ground Motion Calculations (Continuation),” $75,000

Dr. Kim Olsen and Dr. Daniel Roten
Total: $81,999
California Geological Survey: “Estimation of Site Amplification from California Strong Motion Instrumentation Program (CSMIP) Geotechnical Array Data using Neural Networks,” $49,999
University of Southern California: “Development and Optimization of Iwan Model in Discontinuous Mesh Finite Difference Code AWP-ODC-GPU,” $32,000

Dr. Thomas Rockwell
Total: $15,000
University of Southern California: “Testing Structural Model Predictions Against Geodetic Data in the Western Transverse Ranges, Southern California,” $15,000

Dr. Daniel Roten
Total: $34,371
University of Southern California: “Hero-run San Andreas Scenario Simulation with Iwan-type Nonlinearity (SCEC #20166),” $34,371

Dr. Stephen Schellenberg
Total: $151,750
California State University San Francisco: “Faculty-Led Curricular Design for Student Achievement in the CSU,” $157,750
Awards Received July 1, 2019 - June 30, 2020

**Math & Statistics**

**Dr. Janet Bowers, Dr. Michael O'Sullivan, and Dr. Chris Rasmussen**
National Science Foundation Resources: “Collaborative Research: Engagement in Mathematics through an Institutional Network for Active Learning,” $57,112

**Dr. Jerome Gilles**

**Dr. Fred Goldberg**
California State University San Marcos: “A Model of Educational Transformation: Developing A Community of Faculty Implementing Next Generation Physical Science and Everyday Thinking,” $165,491

**Dr. Youngjoon Hong**
Simons Foundation: “Numerical Studies of Nanoplasmonics and Solar Thermophotovoltaics in Layered Structures,” $8,400

**Dr. Mary Pilgrim, Dr. Daniel Reinholz, and Dr. William Zahner**
National Science Foundation: “Collaborative Research: Math Persistence through Inquiry and Equity (MPIE),” $1,271,684

**Dr. Daniel Reinholz**
National Science Foundation: “CAREER: Data Analytics for Equity: Supporting STEM Faculty to Address Implicit Bias in the Classroom,” $239,313

**Dr. Antoni Luque Santolari**
National Science Foundation: “Characterization and Prediction of Viral Capsid Architectures Geometries,” $98,099

**Dr. Osvaldo Soto**

**Dr. Naveen Vaidya**
National Science Foundation: “Mathematical Modeling of Antiretroviral Therapy in Pursuit of HIV Prevention and Cure,” $179,990

Dr. Naveen Vaidya compares prediction of mathematical and computational models
PI: Naveen Vaidya
Dr. William Zahner  
Total: $200,229  
National Science Foundation: “CAREER: Fostering Productive and Powerful Discussions among Linguistically Diverse Students in Secondary Mathematics,” $200,229

Physics

Dr. Calvin Johnson  
Total: $75,000  
University of North Carolina-Chapel Hill: “Nuclear Theory for Double-Beta Decay and Fundamental Symmetries,” $20,000  
University of Wisconsin-Madison: “Quantum Computing for Nuclear Matrix Elements for Tests of Fundamental Symmetries,” $55,000

Dr. Kenneth Nollett  
Total: $51,000  
U.S. Department of Energy: “Quantum Monte Carlo and Fewer-body Approaches to Scattering, Reactions, and Related Properties of Nuclei,” $51,000

Psychology

Dr. Nader Amir  
Total: $408,332  
Florida State University: “Attention Training to Modify Error-related Negativity (ERN) and Risk for Anxiety in Adolescence,” $308,332  
Rogers Behavioral Health: “Information Processing Bias in Obsessive-Compulsive Disorder (OCD),” $100,000

Dr. Aaron Blashill  
Total: $558,239  
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,” $558,239

Dr. Aaron Blashill and Dr. Kristen Wells  
Total: $714,957  
National Institute of Mental Health: “Suicide Prevention for Sexual and Gender Minority Youth,” $714,957

Dr. Ruth Carper  
Total: $232,728  
Autism Speaks: “Age-related Changes in Myeloarchitectonics Across Adulthood in Autism Spectrum Disorder – J. Kohli,” $70,000  
Simons Foundation: “Characterizing Topographically Variable Dysplasias in Individuals with Autism Spectrum Disorders (ASDs),” $162,728

Dr. Sheila Castaneda  
Total: $53,363  
University of California at San Diego: “1/2 SDSU/UCSD Cancer Center Comprehensive Partnership,” $53,363

Dr. Thereasa Cronan  
Total: $481,490  

Dr. Inna Fishman  
Total: $564,474  
Autism Speaks: “Neural Correlates of Socioeconomic Status, Language Ability, and Autism Symptoms in Early Childhood - L. Olson,” $70,000; “Organization of Auditory Cortex and its Links to Language Outcomes in Young Children with Autism Spectrum Disorder (ASD) - B. Chen,” $40,000  
National Institute of Mental Health: “Multimodal Imaging of Early Neural Signature in Autism Spectrum Disorder,” $454,474
Awards Received July 1, 2019 - June 30, 2020

Dr. Linda Gallo

Children's Mercy Kansas City: “Characterization of Sedentary Patterns and Cardiovascular Disease Risk Markers in Hispanics/Latinos,” $268,787

Scripps Research Institute: “Dulce Digital-ME: An Adaptive mHealth Intervention for Underserved Hispanics with Diabetes,” $185,186

Scripps Research Institute: “Scripps Research Translational Institute,” $52,664


University of North Carolina-Chapel Hill: “Cardiovascular Health of Sexual and Gender Minorities in the Hispanic Community Health Study/Study of Latinos (SGM HCHS/SOL),” $112,889

Dr. Linda Gallo and Dr. Scott Roesch

Scripps/Whittier Institute for Diabetes: “Medical Assistant Health Coaching for Diabetes in Diverse Primary Care Settings,” $291,848

Dr. Linda Gallo, Dr. Scott Roesch, and Dr. Gregory Talavera

Scripps/Whittier Institute for Diabetes: “Mi Puente: My Bridge to Better Cardio-Metabolic Health and Well-Being,” $231,603

Dr. Phillip Holcomb

National Science Foundation: “Effect of Learning Mode on Mechanisms Underlying Second Language Vocabulary Acquisition in Adults - G. Meade,” $46,000

Phillip Holcomb and Dr. Katherine Midgley


Dr. Keith Horvath

National Institute of Mental Health: “PrEP iT! A Pilot Test of a Mobile Peer Support Intervention to Optimize PrEP Adherence and Retention in PrEP Care,” $379,097

National Institute on Drug Abuse: “A Technology-Delivered Peer-to-Peer Support ART Adherence Intervention for HIV+ Adults,” $732,057

University of California at San Diego: “LinkPositively: A Technology-Delivered Peer Navigation and Social Networking Intervention to Improve HIV Care Across the Continuum for Black Women Affected by Interpersonal Violence,” $74,093
Awards Received July 1, 2019 - June 30, 2020

University of Miami: “Supporting Treatment Adherence for Resilience and Thriving (START),” $334,801

University of Michigan: “Adolescent Medicine Trials Network for HIV/AIDS Interventions (ATN) Coordinating Center (TERA Project),” $29,196


University of Pennsylvania: “Reducing HIV Vulnerability Through a Multilevel Life Skills Intervention for Adolescent Men,” $20,502

Dr. Emily Kappenman
Total: $15,390

University of California at Davis: “Yearly Workshop in the Event-Related Potential Technique,” $15,390

Dr. Ruth Keehn
Total: $195,916

National Institute of Mental Health: “Impact of Multisensory Function on Symptomatology in Young Children with Autism Spectrum Disorders (ASD),” $195,916

Dr. Vanessa Malcarne
Total: $77,157

American Psychological Association: “Recruitment, Retention, and Leadership Initiatives for Diverse Doctoral Trainees,” $3,000

Regents of the University of California: “Creating Scientists to Address Cancer Disparities,” $70,157

Rheumatology Research Foundation: “Measurement Equivalence of the English and French Versions of the Self-Efficacy to Manage Chronic Disease (SEMCD) Scale: A Scleroderma Patient-Centered Intervention Network Study,” $4,000

Dr. Ksenija Marinkovic
Total: $216,334

National Institute on Alcohol Abuse and Alcoholism: “Neurocognitive Deficits and Compensation in Binge Drinkers,” $216,344

Colorful brain shows the inflated cortical surface of one of our participants obtained with FreeSurfer, a software package that has been developed for the purpose of analyzing and visualizing brain scans

Pl: Ksenija Marinkovic

Dr. Georg Matt
Total: $5,862

Cincinnati Children’s Hospital: “An Intervention to Reduce Second Hand Smoke Exposure among Pediatric Emergency Patients,” $5,862

Dr. Sarah Mattson
Total: $484,566

National Institute on Alcohol Abuse and Alcoholism: “A Multisite Neurobehavioral Assessment of Fetal Alcohol Spectrum Disorders - Diversity Supplement,” $484,566
Awards Received July 1, 2019 - June 30, 2020

Dr. Eileen Moore
Total: $718,759
National Institute on Alcohol Abuse and Alcoholism: “Brain Maturation in Adults with Fetal Alcohol Spectrum Disorders (FASD),” $653,608; “Brain Structure in Adults with Fetal Alcohol Spectrum Disorders (FASD) - Diversity Supplement,” $65,151

Dr. Ralph Axel Mueller
Total: $1,307,381
National Science Foundation: “Too Much Information: Neural Mechanisms of Efficient Filtering - L. Mash,” $46,000

Dr. Claire Murphy
Total: $589,615
National Institute on Aging: “Olfactory and Visual Dysfunction as Potential Predictors of Preclinical Alzheimer's Disease,” $589,615

Dr. Edward Riley
Total: $571,692
Blue Resonance LLC: “Development of a Novel Mobile Application to Assist in the Diagnosis of Fetal Alcohol Syndrome (FAS),” $107,862
National Institute on Alcohol Abuse and Alcoholism: “Administrative Core of the Collaborative Initiative on Fetal Alcohol Spectrum Disorders (CIFASD),” $428,830; “International Conferences on Fetal Alcohol Spectrum Disorder,” $35,000

Dr. Edward Riley and Dr. Susan Tapert
Total: $411,696
National Institute on Alcohol Abuse and Alcoholism: “Alcohol Research in the Science/Practitioner Model,” $337,194; “Congresses of the International Society for Biomedical Research on Alcoholism,” $74,502

Dr. Scott Roesch
Total: $23,315
University of California at Davis: “2/2 Effectiveness of a Multi-Level Implementation Strategy for Autism Spectrum Disorders (ASD) Interventions,” $23,315

Dr. Gregory Talavera
Total: $3,458,505
National Heart, Lung, and Blood Institute: “Hispanic Community Health Study/Study of Latinos (HCHS/SOL),” $2,613,195
Northern California Institute for Research and Education: “Non-Alcoholic Fatty Liver Disease and Cardiovascular Disease in Hispanics/Latinos,” $218,698
Regents of the University of California: “Randomized Control Trial to Reduce Sitting Time in Postmenopausal Latina Women at Increased Risk for Heart Disease,” $65,718
University of California at San Diego: “Mechanisms of Disparities in Adverse Neurocognitive Outcomes among Hispanics Aging with HIV,” $183,555
University of Illinois: “Persistent Organic Pollutants, Endogenous Hormones and Diabetes in Latinos,” $3,443
Awards Received July 1, 2019 - June 30, 2020


Dr. Dustin Thoman
Total: $259,117
National University: “Motivate Lab - Precision Institute Collaboration,” $185,000

University of Wisconsin-Madison: “Promoting Motivation in Undergraduate Biology and Chemistry Courses,” $74,117

Dr. Jennifer Thomas
Total: $549,314

Dr. Kristen Wells
Total: $134,371
Moffitt Cancer Center: “A Stepped-Care Psychosocial Intervention for Brain Tumor Family Caregivers,” $27,776

University of Texas Health Science Center at San Antonio: “Translation and Refinement of Colorectal Cancer Screening Measures in English and Spanish,” $750

University of Virginia: “Diversity Supplement - SCH:INT: Collaborative Research: Multiscale Modeling and Intervention for Improving Long-Term Medication,” $23,144; “Smart and Connected Health (SCH):INT: Collaborative Research: Multiscale Modeling and Intervention for Improving Long-Term Medication,” $82,701
Awards Received July 1, 2019 - June 30, 2020

ACADEMIC AFFAIRS
Dr. Salvador Hector Ochoa, Provost

Division of Academic Engagement & Student Achievement

Dr. Jessica Barlow
City of La Mesa: “Sage Project: City of La Mesa Climate Action Plan,” $15,000

National Institute on Deafness/Other Communication Disorders: “Speech Sound Disorder in Young Bilingual Children- P. Combiths,” $34,873

San Diego State University: “The Sage Project and SDSU Mission Valley,” $25,000

Instructional Technology Services

Dr. Sean Hauze
Sinclair Community College: “The STEM Guitar Project,” $42,942
Awards Received July 1, 2019 - June 30, 2020

BUSINESS & FINANCIAL AFFAIRS

Ms. Jessica C. Rentto  
California Office of Emergency Services: “SDSU Campus Sexual Assault Response Program,” $200,000  
Total: $200,000
GEORGIA CAMPUS

Dr. Halil Guven, Dean

Office of the Dean

Dr. Halil Guven

Millennium Challenge Account – Georgia: “Georgia Regional Development Fund (GRDF), Cohort 2 and 3, 3rd and 4th years,” $2,693,000

Total: $2,693,000
Awards Received July 1, 2019 - June 30, 2020

GRADUATE AND RESEARCH AFFAIRS
Dr. Stephen Welter, Vice President

<table>
<thead>
<tr>
<th>Name</th>
<th>Total</th>
<th>Institution</th>
<th>Description</th>
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<tr>
<td><strong>Dr. Stephen Welter</strong></td>
<td><strong>$254,580</strong></td>
<td>Department of Interior United States Geological Survey: “California Water Science Center and Ecological Research Center,” $153,365</td>
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<td>San Diego State University: “Grant and Research Enterprise Writing Institute,” $101,215</td>
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Awards Received July 1, 2019 - June 30, 2020

IMPERIAL VALLEY CAMPUS
Dr. Gregorio Ponce, Dean

Dr. Suzanna Fuentes-Ferreiro
AMCO International Education Services, LLC: “English Language Skills (ELS) Certification,” $910,035

Imperial County Department of Social Services: “Basic Computer & Interpersonal Skills & Employment Empowerment Training,” $615,213; “Medical Administrative Assistant 2019,” $118,800; “Migrant Summer Institute,” $147,537

Total: $1,791,585
Awards Received July 1, 2019 - June 30, 2020

KPBS – EDUCATIONAL RADIO AND TELEVISION
Mr. Thomas Karlo, General Manager

Ms. Monica Medina
California HealthCare Foundation: “Health Care Policy Reporting 20-21,” $124,000
City of San Diego Commission for Arts & Culture: “One Book One San Diego,” $42,484
James Irvine Foundation: “KPBS Social Equity Beat,” $110,000
Public Radio Exchange (PRX): “PRX Catapult,” $60,000
San Diego State University: “KPBS eXPLORE,” $325,000; “MACP: Community Heroes 2019,” $80,000; “MACP: Non-PBS, Content Desk, On the Line, Quality of Life,” $495,000

Ms. Monica Medina and Mr. Vince Petronzio
WGBH: “WGBH - American Experience "The Vote"," $10,000

Mr. Vince Petronzio

Total: $1,236,484
Total: $10,000
Total: $3,550,889

Total: $5,896,449
Awards Received July 1, 2019 - June 30, 2020

OFFICE OF THE PRESIDENT

Ms. Rachel Gregg

Total: $15,782
Awards Received July 1, 2019 - June 30, 2020

SDSU WORLD CAMPUS

Dr. Radhika Seshan, Dean

Office of the Dean

Dr. Radhika Seshan

Aichi University: “2019 Fall,”; “2019 Summer,”

Asia University – Japan: “2019 Fall, 2020 Spring.”; “Spring, 2020 Summer,”

BELA Education Group: “2019 Fall, 2020 Spring.”

Beijing Hecate Center of Cultural Communication: “2019 Summer,”; “2020 Spring,”

DWGHEUC LLC: “2019 Fall,”

Gunma University: “2020 Spring.”

Gyeongbuk Provincial College: “2019 Summer,”

Hosei University: “2019 Fall,”

K- Tube Technologies: “Lean Enterprise,”

Kyung Hee University: “2020 Spring,”

Meiji Gakuin University: “2019 Fall,”

Miyazaki International College: “2018 Fall,”; “2019 Fall,”

Ritsumeikan Asia Pacific University: “2019 Fall,”

St Petersburg State University: “2019 Summer,”; “2019 Summer,”

Taylor Guitars: “Lean Enterprise,”

Tokai University: “2019 Fall,”

UCC Center South Korea: “2019 Summer,”

UNIVentures, Inc: “Digital Marketing,”

University of Tsukuba: “2019 Fall,”; “2020 Spring,”

Total: $762,814
Awards Received July 1, 2019 - June 30, 2020

STUDENT AFFAIRS
Ms. Christy Samarkos, Interim Vice President

Dr. Jennifer Rikard  Total: $10,000
International Town & Gown Association: “Great Plays Grant,” $10,000

Dr. Antionette Marbray  Total: $200,000
San Diego Housing Commission: “Guardian Scholars Program,” $200,000

Ms. Erica Aros  Total: $96,000
California Department of Rehabilitation: “Workability IV,” $96,000

Dr. James Lange  Total: $162,280
The Ohio State University: “Directorship: Higher Education Center for Alcohol and Drug Misuse Prevention and Recovery,” $52,506; “Engaging Community Partners to Reduce Collegiate Alcohol Impaired Driving FY 2020,” $109,774
Awards Received July 1, 2019 - June 30, 2020

INTERDISCIPLINARY PROGRAMS

Dr. Mounah Abdel-Samad and Dr. Brian Adams
Lucky Duck Foundation: “Affordable Housing and NIMBYism,” $25,000
Total: $25,000

Dr. Guadalupe X. Ayala, Dr. Jose Castillo, Dr. Kee Moon, and Dr. Adela de la Torre
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
Total: $2,000,000

Dr. Guadalupe X. Ayala and Dr. Kristen Wells
National Center on Minority Health and Health Disparities: “SDSU HealthLINK Center for Transdisciplinary Health Disparities Research,” $3,866,740
Total: $3,866,740

Dr. Jessica Barlow and Dr. Sonja Pruitt
National Institute on Deafness/Other Communication Disorders: “Manipulating Linguistic Complexity to Improve Child Language Treatment Outcomes,” $183,499
Total: $183,499

Dr. Jose Castillo, Dr. Dustin Thoman, and Dr. Satchi Venkataraman
National Science Foundation: “Academic Support, Career Training, and Professional Development to Improve Interdisciplinary Graduate Education for the Next Generation of Computational Scientists and Engineers,” $1,000,000
Total: $1,000,000

Dr. Richard Cripps and Dr. Hala Madanat
National Cancer Institute: “2/2 SDSU/UCSD Cancer Center Comprehensive Partnership,” $1,129,165
Total: $1,129,165

Dr. John Elder and Dr. Paul Gilbert
University of California at San Diego: “San Diego Resource Center for Advancing Alzheimer’s Research in Minority Seniors,” $152,404
Total: $152,404

Dr. Aaron Elkins, Dr. Lance Larson, and Dr. Bongsik Shin
Total: $128,777

Dr. Karen Emmorey and Dr. Phillip Holcomb
National Institute on Deafness/Other Communication Disorders: “Assessing the Neural Dynamics of Reading in Deaf Adults,” $468,452
Total: $468,452

Dr. Laura Hall, Dr. Sonja Pruitt, and Dr. Yasemin Turan-Qian
U.S. Department of Education Office of Special Education Programs: “Project Mainsail - M.A. Degree Interdisciplinary Preparation for Speech-language and Early Intervention Leaders in Autism Spectrum Disorders (ASD),” $249,698
Total: $249,698

Dr. Felisha Herrera Villarreal and Dr. Dustin Thoman
National Science Foundation: “Understanding and Removing Faculty Barriers for the Adoption and Implementation of Proven Interventions: Supplement,” $146,185
Total: $146,185

Dr. Eunha Hoh and Dr. Georg Matt
Cincinnati Children’s Hospital: “Assessment, Detection, and Validation of Clinical Associations of Thirdhand Smoke Exposure,” $135,555
Total: $135,555

Dr. Eunha Hoh, Dr. Georg Matt, and Dr. PJE Quintana
Cincinnati Children’s Hospital: “Contribution of Thirdhand Smoke to Overall Tobacco Smoke Exposure in Pediatric Patients,” $266,276
Total: $266,276
Awards Received July 1, 2019 - June 30, 2020

Dr. Meredith Houle, Dr. Lisa Lamb, Dr. Susan Nickerson, Dr. Randolph Philipp, Dr. David Pullman, and Dr. Donna Ross
National Science Foundation: “Advancing Teacher Leadership in Urban Schools (ATLUS): The SDSU Noyce Mathematics and Science Master Teaching Fellowship Program,” $2,999,825

Dr. David Kamper, Dr. Neil Klepeis, Dr. James Lange, and Dr. Katherine Spilde
California Department of Public Health: “Impact of Nonsmoking Constraints on Tribal Casino Operations,” $249,999

Dr. Atsushi Nara and Dr. Tianying Wu
University of California at San Diego: “Integrating Novel GIS and GPS Data to Assess the Impact of Built Environments on Changes in BMI, Physical Activity and Cancer-related Biomarkers in two Successful Weight Loss Interventions in Women at Risk for Breast Cancer,” $4,000