Cover: California oyster farmers on the water to harvest their growing oysters in Tomales Bay. See page 2. Photo courtesy of Remy Hale at Hog Island Oyster Company
AWARD TOTAL: $6,434,285

Dr. Monica J. Casper, Dean

Office of the Dean

Dr. Mathias Schulze
and Dr. Christopher Brown
Total: $3,049,853


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

Anthropology

Dr. Seth Mallios
Total: $175,220

California Office of Historic Preservation: “2021 - South Coastal Information Center Historic Resources (SCIC),” $1,000

San Diego Gas and Electric Company: “Geographic Information System Data Maintenance Between San Diego Gas and Electric (SDG&E) and SDSU Research Foundation,” $174,220

History graduate student, Thomas Pugh holds an ironstone plate fragment he uncovered at the Nathan Harrison site.
Photo courtesy of Seth Mallios

History graduate student, Thomas Pugh holds an ironstone plate fragment he uncovered at the Nathan Harrison site.
Photo courtesy of Seth Mallios

Participants in the NEH Institute the Making of Modern Brazil pose in front of a new mural honoring Marielle Franco.
Photo credit: Unknown photographer

Economics

Dr. Joseph Sabia
Total: $457,500

Charles Koch Foundation: “Center for Health Economics & Policy Studies (CHEPS),” $442,500

The Ohio State University: “Recreational Marijuana Laws, Racial Disparities in Arrests, and Psychiatric Well-Being,” $15,000

Geography

Dr. Thomas Herman
Total: $122,860

South Bay Community Services: “Evaluation of First 5 Targeted Home Visiting Program for South Bay Community Services,” $57,000; “South Region Evaluation: First 5-Healthy Development Services for Children,” $65,860
Dr. David Cline  
**Total:** $192,074  
California Department of Parks and Recreation:  
“Relevancy and History Pilot Project,”  
$142,074

California State Library:  
“State Archives Oral History Project,”  
$50,000

Dr. Gregory Daddis  
**Total:** $54,915  
Charles Koch Foundation:  
“Faith and Fear: War and America in the Long Cold War Era,”  
$54,915

Dr. Elizabeth Pollard  
**Total:** $149,998  
National Endowment for the Humanities:  
“Building a Comics and Social Justice Curriculum,”  
$149,998

Dr. James Wiese  
**Total:** $62,695  
Palacky University:  
“Urbanism and Suburbanization in the EU Countries and Abroad: Reflexion in the Humanities, Social Sciences, and the Arts,”  
$62,695

- **New website developed by Dr. Thomas Herman to support implementation of the California Department of Education’s Blueprint for Environmental Literacy.** Photo courtesy of Thomas Herman

- **Dr. Arielle Levine**  
**Total:** $16,914  
University of Washington:  
“Enhancing Adaptive Capacity Assessment in Fisheries Decision Making: Identifying Barriers and Ways to Overcome Them,”  
$16,914

- **SDSU Geography M.S. student, Stephany Garcia is hard at work maintaining and calibrating a water quality sensor.** Photo courtesy of Trent Biggs and Sousa Labs

- **Dr. Hilary McMillan**  
**Total:** $152,383  
National Science Foundation:  
“GP-UP: Collaborative Research: Quantifying Water Storage and Runoff Processes in Coastal California Watersheds Through an Undergraduate Hydrological Field Experience,”  
$82,050

University of California at San Diego:  
“Evaluation and Improvement of Snowmelt Processes in the National Water Model During Extreme Atmospheric River Events,”  
$1,923;  
“Hydrologic Model Evaluation in FIRO 2,”  
$68,410

- **Dr. Daniel Sousa and Dr. Amy Quandt**  
**Total:** $130,131  
University of California at Santa Barbara:  
“Sustainable Agroecosystems: Harnessing Policy-driven Land Use Change for the Sustainability, Productivity and Vitality of Agroecosystems,”  
$130,131

- **Waging Peace in Vietnam essay contest winners.** (From left to right: Charles Baliwan, Molly Scheid, Bella Canale, Kyra Hovey, Gregory Daddis). Photo courtesy of Leslie Reilly, CAL

- **Dr. Douglas Stow**  
**Total:** $46,000  
National Science Foundation:  
“Shrinking Coastlines: Using Historic Data, Site Surveys, and Geographic Information System (GIS) to Model Past and Predicted Climate Change Driven Habitat Loss in the Rocky Intertidal,”  
$46,000

- **Dr. Elizabeth Pollar**  
**Total:** $149,998  
National Endowment for the Humanities:  
“Building a Comics and Social Justice Curriculum,”  
$149,998

- **Dr. James Wiese**  
**Total:** $62,695  
Palacky University:  
“Urbanism and Suburbanization in the EU Countries and Abroad: Reflexion in the Humanities, Social Sciences, and the Arts,”  
$62,695

- **Photo courtesy of Remy Hale at Hog Island Oyster Company**

- **SDSU Geography M.S. student, Stephany Garcia is hard at work maintaining and calibrating a water quality sensor.** Photo courtesy of Trent Biggs and Sousa Labs
Religious Studies

Dr. Delroi Whitaker
Total: $28,500

Public Religion Research Institute: “Religion and Renewing Democracy Initiative,” $28,500

Rhetoric and Writing Studies

Dr. Consuelo Salas
Total: $145,832

National Endowment for the Humanities: “Creating Expansive Approaches to the Teaching of Writing in a Southern California Border Region,” $145,832

Sociology

Dr. Sheldon Zhang
Total: $14,989

The City University of New York-John Jay College: “San Diego Trafficking Prevention Collective,” $14,989

Spanish and Portuguese Languages and Literatures

Dr. Ricardo Vasconcelos
Total: $30,328

Dr. Y. Barry Chung, Dean

Administration, Rehabilitation & Postsecondary Education

Dr. Meera Adya
Total: $806,651
California Department of Rehabilitation: “California Department of Rehabilitation's Pathway to Success (PSP),” $806,651

Dr. Mary Baker Ericzen
Total: $94,422

Dr. Charles Degeneffe
Total: $67,484
San Diego State University: “Technical and Administrative Support Services for the Master of Science in Rehabilitation Counseling - Consortium for Distance Education in Rehabilitation (CDER) Degree Program,” $67,484

Dr. Charles Degeneffe and Dr. Mark Tucker
Total: $199,998
U.S. Department of Education Office of Special Education and Rehabilitation Services: “Rehabilitation Counseling in the Pacific,” $199,998

Dr. Eric Felix
Total: $318,000
College Futures Foundation: “2022-25 SEPI: Towards a Race-conscious Approach to Student Equity Planning,” $318,000

Dr. Frank Harris and Dr. Marissa Vasquez
Total: $39,999
The Steve Fund: “The Community College Equity Assessment Lab (CCEAL),” $39,999

Dr. Felisha Herrera Villarreal
Total: $450,787
The CCHALES Research Collective hosts a breakfast reception at the American Educational Research Association conference. Members are posing with our first research report on Sustaining and Advancing Racial Equity. Photo courtesy of Lesley Aguirre, COE Alumnus 2022

Dr. Maribel Guillermo
Total: $239,150
South Carolina Commission for the Blind: “South Carolina Commission for the Blind - Comprehensive Statewide Needs Assessment,” $87,280
State of Wyoming Department of Health and Human Services: “Wyoming Comprehensive Statewide Needs Assessment,” $52,000

Dr. Fred McFarlane
Total: $222,665
California Department of Rehabilitation: “Collaboration to Utilize Existing Data-Based Evidence to Guide California Department of Rehabilitation Planning and Decision Making,” $169,003
San Diego Brain Injury Foundation: “Database and Reporting Project,” $53,662

AWARD TOTAL: $26,035,649
Dr. Sonia Peterson  
**Total:** $149,995  
U.S. Department of Education Office of Special Education and Rehabilitation Services: “Rehabilitation Services Administration,” $149,995  

Dr. Caren Sax  
**Total:** $6,907,394  
Association for Learning Environments: “Association for Learning Environments (A4LE),” $23,460  
California Department of Education: “Exceptional Family Resource Center (EFRC) Family Empowerment Center 21/22,” $569,520  
U.S. Department of Education Office of Special Education and Rehabilitation Services: “Rehabilitation Long-Term Training Program--Vocational Rehabilitation Counseling; Collaboration for Excellence,” $200,000; “Vocational Rehabilitation Technical Assistance Center for Quality Management (VRTAC-QM),” $4,992,862  
Down Syndrome Association: “Down Syndrome Association of San Diego - Family Support Services 22/23,” $8,000  
Iowa Department of Administrative Services: “Iowa Department for the Blind Comprehensive Statewide Needs Assessment (CSNA),” $50,937  
Nevada Department of Employment Training and Rehabilitation: “ERehab Website Upgrade, Hosting and Maintenance,” $35,203  
Powy Unified School District: “Exceptional Family Resource Center (EFRC) Poway Alternative Dispute Resolution 21/22,” $13,000; “Exceptional Family Resource Center (EFRC) Poway Alternative Dispute Resolution 22/23,” $13,000  
San Diego County Office of Education: “Exceptional Family Resource Center (EFRC) Resolutions for Student Success 21/22,” $77,000; “East County Special Education Local Plan Area (SELP/A) Family Support Services,” $90,000  

Dr. Kelsey Dickson  
**Total:** $169,734  
National Institute of Mental Health: “Adapting an Autism Spectrum Disorder (ASD) Executive Functioning Intervention for Implementation in Children's Mental Health Services,” $169,734  

Dr. Sarah Garrity  
**Total:** $268,557  
Blue Shield of California: “Strengthening Family Child Care Success (STEPS) to Family Child Care Success - East County Expansion,” $240,851  
Price Philanthropies Foundation: “MCT Pilot,” $2,186  
The Chicano Federation: “Strengthening Family Child Care Success (STEPS) Barrio Logan Year 2,” $15,000  
The San Diego Foundation: “Strengthening Family Child Care Success (STEPS) Year 3,” $10,500  

Dr. Teresa Lind  
**Total:** $191,330  
National Institute of Mental Health: “Improving Sustainment Through Implementation Supports to Reduce Burnout in Therapists Delivering Child Trauma Evidence-based Practices (EBPs),” $191,330  

Dr. Lisa Linder  
**Total:** $886,356  
San Diego Social Advocates for Youth: “Social Advocates for Youth (SAY) - HEY Collaboration for Mental Health Services,” $48,305  

Dr. Marissa Vasquez  
**Total:** $25,800  
American Educational Research Association: “Fostering Scholar Identities Among Latina/o/x Community College Students Via Undergraduate Research,” $5,000  
Educational Testing Service: “Scholarship, Equity, & Mentorship via Intellectual Love & Leadership in the Academy for Success (SEMILLAS) Undergraduate Research Fellowship Program,” $20,800  

Dr. Mark Tucker  
**Total:** $187,037  

Dr. Caren Sax cont.  
San Diego-Imperial Counties Developmental Services Inc.: “San Diego Regional Center California Early Start Point of Entry (POE) 21/22,” $127,332  
Utah State University: “Targeting Special Education Vocational Rehabilitation Secondary Transition Collaboration Competencies for Improved Transition Outcomes,” $83,145  
WestEd Center for Prevention & Early Intervention: “Early Start Outreach Work Group,” $2,500  

Photo credit: Unknown photographer
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<tr>
<th>Name</th>
<th>Organization</th>
<th>Amount</th>
<th>Description</th>
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<tbody>
<tr>
<td>Dr. Lisa Linder</td>
<td>The San Diego Foundation: “Early Childhood Mental Health Consultation Services and Technical Assistance Center Development,”</td>
<td>$90,000</td>
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<td>Dr. Karen Myers-Bowman</td>
<td>Price Philanthropies Foundation: “School in the Park Aide,”</td>
<td>$1,060,187</td>
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<td>Dr. Sarah Rieth</td>
<td>U.S. Department of Education Institute of Education Sciences: “Examining the Efficacy of Project ImPACT for Toddlers,”</td>
<td>$146,310</td>
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<td>San Diego Regional Center for the Developmentally Disabled: “PUENTE (Padres Unidos En Transformación Y Empoderamiento),”</td>
<td>$105,095</td>
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<td>University of California at San Diego: “Adapting the PUENTE (Padres Unidos En Transformación Y Empoderamiento) Program for Sustainment and Scale Up,”</td>
<td>$41,249</td>
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<td>Dr. Rachel Schlage</td>
<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,”</td>
<td>$21,710</td>
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<td>University of California at San Diego: “Clinic for Child and Youth Psychiatry (CCYP) Evaluation,”</td>
<td>$22,977</td>
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<td>Dr. Tonika Green</td>
<td>U.S. Department of Education Office of Special Education and Rehabilitation Services: “Trauma Leaders Consortium (TLC): Fostering Positive Outcomes for Students with Disabilities in Foster Care,”</td>
<td>$249,998</td>
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<td>Dr. Katina Lambros Ortega and Dr. Bonnie Kraemer</td>
<td>U.S. Department of Education Office of Special Education and Rehabilitation Services: “Project BEAMS: Behavioral, Emotional and Mental Health Supports in Schools: Collaborative Practices to Improve Special Educator and School Psychologist Training,”</td>
<td>$249,995</td>
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<td>Dr. Laura Owen</td>
<td>District of Columbia College Access Program: “District of Columbia College Access Program (DC-CAP) – Texting,”</td>
<td>$27,358</td>
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<td>National College Attainment Network (NCAN): “Supporting Postsecondary Enrollment During the COVID Era,”</td>
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<td>Price Philanthropies Foundation: “College Access Compact,”</td>
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<td>Siemens Foundation: “Building Social Capital Equity in Science, Technology, Engineering and Mathematics (STEM) Pathways,”</td>
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<td>The San Diego Foundation: “Avenues for Success,”</td>
<td>$103,397</td>
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<td>“Hoover High School Resource Fair,”</td>
<td>$17,000</td>
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<td>Dr. Leticia Cristina Pileski</td>
<td>First United Methodist Church of San Diego: “Racial Justice Endowment,”</td>
<td>$15,000</td>
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<tr>
<td>Dr. Carol Robinson-Zanartu and Dr. Katheryne Leigh</td>
<td>U.S. Department of Education Office of Special Education and Rehabilitation Services: “Supporting High-Intensity Mental Health Needs of Native and Indigenous Youth: School Psychologist and Counselor Advanced Preparation (SHPA),”</td>
<td>$250,000</td>
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<tr>
<td>Dr. Carol Robinson-Zanartu and Dr. Jennica Paz</td>
<td>U.S. Department of Education Office of Special Education and Rehabilitation Services: “Partnering to Unify Education Service for Dual Language and English Learners (PUEDE!),”</td>
<td>$250,000</td>
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</table>
Dr. Brent Taylor
Total: $221,112

Price Philanthropies Foundation: “Marriage and Family Therapy (MFT) Counseling Project in City Heights - Adams, Central, Cherokee Point and Ibarra Elementary Schools,” $110,861; “Charities Counseling Program,” $110,251

Dual Language and English Learner Education

Dr. Cristina Alfaro
Total: $60,400

California Association for Bilingual Education: “Multilingual California Project,” $60,400

Dr. Alberto Esquinca
Total: $23,284


Dr. Margarita Machado-Casas
Total: $60,000

U.S. Department of Education Office of Bilingual Education/Minority Languages Affairs: “Project Teach Bilingual Pathways (TBP),” $600,000

Dr. Saul Maldonado
Total: $146,970

American Evaluation Association: “Graduate Education Diversity Internship (GEDI) Scholars: Preparing Emerging Black, Indigenous, and People of Color (BIPOC) Evaluators,” $90,000

Dr. Saul Maldonado cont.
California State University Sonoma: “Biliteracy and Content Area Integrated Preparation (BCAIP),” $17,372

University of California at Santa Cruz: “Secondary English Learner Science, Technology, and Mathematics (STEM) Content Access,” $39,598

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

U.S. Department of Education Office of Postsecondary Education: “Developing Effective Bilingual Educators with Resources,” $749,068

Educational Leadership

Dr. Jose Escobedo
Total: $1,414,000


Coronado Unified School District: “National Center for Urban School Transformation (NCUST): Equity Audit 2022,” $20,000


Kansas City Public Schools: “Professional Development - National Center for Urban School Transformation (NCUST),” $155,000

National Heritage Academies: “National Center for Urban School Transformation (NCUST): Equity and Excellence Audits,” $40,000


San Diego County Office of Education: “National Center for Urban School Transformation (NCUST): Strengthening Tier I Instruction to Eliminate Disproportionality-San Diego County Office of Education Special Education Local Plan Area (SELPA),” $36,000

Dr. Jose Escobedo cont.
San Diego State University: “National Center for Urban School Transformation (NCUST): Center to Close the Opportunity Gap (CCAG) Proposal: Analysis of America’s Best Schools for All Students Award (ABUS) 2022,” $30,000


San Marcos Consolidated ISD: “National Center for Urban School Transformation (NCUST): Equity and Excellence Audit,” $120,000


Shelby County Schools: “National Center for Urban School Transformation (NCUST): A-PLUS,” $135,000


Yolo County Office of Education: “National Center for Urban School Transformation (NCUST): Equity and Excellence Audit for Cesar Chavez Community School,” $26,000

Dr. Douglas Fisher
Total: $470,000

Fresno Unified School District: “Equity-centered Principal Pipeline,” $470,000

Dr. Joseph F. Johnson, Jr.
Total: $319,750


Dr. James Marshall  
**Total:** $15,000  
California State University San Marcos: 
“Sustaining and Expanding Mobile Making in Underserved Communities,” $15,000

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Dr. Ian Pumpian and Dr. Caren Sax  
**Total:** $1,557,783  
San Diego Regional Center for the Developmentally Disabled: 
“Creative Support Alternatives - Personal Assistance,” $70,000; 
“Creative Support Alternatives - Supported Living,” $1,293,892

San Diego-Imperial Counties Developmental Services Inc.: 
“Creative Support Alternatives-Independent Living,” $27,984; 
“Creative Support Alternatives: Community Employment Services,” $32,004

Valley Mountain Regional Center: 
“Creative Support Alternatives: Independent Living Services Program 2022,” $133,903

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Special Education

Dr. Laura Hall  
**Total:** $149,734  
U.S. Department of Education Office of Special Education and Rehabilitation Services: 
“Project PIPELINES - Preparing Intervention Personnel as Early Learning Navigators Using Evidence-based Strategies,” $149,734

Dr. Laura Hall, Dr. Kelsey Dickson, and Dr. Bonnie Kraemer  
**Total:** $192,920  
University of North Carolina-Chapel Hill: 
“Project EXPRESS: EXamining Intervention to PRomote Executive Function and Social Skills,” $192,920

Dr. Paul Luelmo  
**Total:** $9,660  
Napa County Office of Education: 
“California Protocol for Addressing Significant Disproportionality in Special Education,” $9,660

Dr. Jessica Suhrheinrich  
**Total:** $738,906  
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),” $474,929

Marin County Office of Education: 
“Improving Outcomes for Students with Autism and Related Developmental Disabilities by Scaling Up the Use of Evidence Based Practice,” $139,646

University of California at San Diego: 
“San Diego Leadership Education in Neurodevelopmental and Other Related Disabilities (LEND),” $124,331

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Teacher Education

Dr. Marva Cappello  
**Total:** $32,655  
American Educational Research Association: 

Dr. Lisa Lamb  
**Total:** $96,650  
Cajon Valley Union School District: “Fuerte Elementary,” $5,450; “Leadership Cohort,” $78,000


Dr. Cynthia Park  
**Total:** $2,729,685  
U.S. Department of Education Office of Postsecondary Education: 
“Educational Talent Search,” $563,627; 
“Talent Search Mentoring,” $277,375; 
“Upward Bound Classic,” $921,844; 
“Upward Bound STAR,” $732,860


University of California at San Diego: “Health Careers Opportunities Program/San Diego Regional Consortium,” $135,000

Dr. Donna Ross  
**Total:** $306,132  
California State University San Francisco: 
“Western Regional Noyce Alliance (WRNA),” $306,132
Dr. Katherine Sciurba
Total: $59,225

Cal Coast Cares Foundation: “Write to Rise Book Projects,” $2,000

College Preparatory Middle School: “Literacy on the Rise at College Prep: An SDSU Literacy Center After-school Program,” $9,620

King-Chavez Neighborhood of Schools: “Literacy on the Rise: An SDSU Literacy Center After-school Program,” $38,294;
“Literacy on the Rise: SDSU Literacy Center Summer Program,” $1,200

Price Philanthropies Foundation: “SDSU Literacy Center, Distance Programming 2021-2022,” $8,111

Dr. Melissa Soto and Dr. Nicholas Johnson
Total: $86,810

University of California Office of the President: “Learning From and With Young Children - Addressing Unfinished Learning in Early Childhood Mathematics Through Integrated Approaches to Formative Assessment,” $30,373;
“San Diego Math Project - California Subject Matter Project (CSMP),” $24,000;
“San Diego Math Project - Every Student Succeeds Act (ESSA),” $32,437
AWARD TOTAL: $10,543,161

Dr. Eugene Olevsky, Dean

Office of the Dean

Dr. Eugene Olevsky
Total: $637,178
Burnham Institute for Medical Research: “Stem Cells & Science, Technology, Engineering and Mathematics (STEM) Education - A Summer Internship Program for California High School Students,” $1,109


Aerospace Engineering

Dr. Jun Chen
Total: $199,723


Civil & Environmental Engineering

Dr. Reza Akhavian
Total: $65,282
National Science Foundation: “CAREER: Co-Adaptation and Trust in Worker-Robot Interaction Toward Scalable Adoption of Collaborative Robots in Construction,” $65,282

Dr. Pavel Popov
Total: $294,555
National Science Foundation: “Neural Network-Based Preconditioning of Adaptive Tabulation for Reactive Flow Applications,” $294,555

Dr. Satchi Venkataraman
Total: $44,467

National Aeronautics and Space Administration: “National Aeronautics and Space Administration (NASA) Fellowship,” $14,467

Dr. Gustaaf Jacobs
Total: $923,607


Dr. Ping Lu
Total: $330,000
National Aeronautics and Space Administration: “National Aeronautics and Space Administration (NASA) Fellowship,” $14,467

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Civil & Environmental Engineering

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Total: $65,282
National Science Foundation: “CAREER: Co-Adaptation and Trust in Worker-Robot Interaction Toward Scalable Adoption of Collaborative Robots in Construction,” $65,282
Dr. Robert Dowell and Dr. Julio Valdes
Total: $224,123
General Dynamics NASSCO: “Fatigue Testing of Full-Scale Swage Panels for Ships,” $224,123

Dr. Christine Dykstra
Total: $413,633
National Science Foundation: “CAREER: Elucidating the Interaction(s) Between Bacteria and Archaea in a Biocathode,” $413,633

Dr. Sahar Ghanipoor-Machiani and Dr. Arash Jahangiri
Total: $232,585
Virginia Polytechnic Institute and State University: “Safety Through Disruption (Safe-D) University Transportation Center (UTC),” $232,585

Dr. Alicia Kinoshita
Total: $140,728
U.S. Department of the Interior Bureau of Land Management: “Predicting Flooding and Sediment Transport for Urban Riverine Environments Affected by Fire and Vegetation Restoration,” $25,000
National Science Foundation: “Coupling Post-fire Vegetation and Volumetric Sediment Regimes in Urban Mediterranean Systems,” $115,728

Dr. Marta Miletic, Dr. Margherita Capiotti, Dr. Elisa Torresani, and Dr. Julio Valdes
Total: $29,000
New Mexico State University: “Minority University Research and Education Project (MUREP) Advancing Regolith-related Technologies and Education (MARTE),” $29,000

Dr. Marta Miletic and Dr. Mahasweta Sarkar
Total: $143,326

Dr. Natalie Mladenov
Total: $46,000
National Science Foundation: “Investigating Antibiotics Removal from Wet Onsite Sanitation Systems Using Bench-scale Anaerobic Digesters (Fellowship - Astete-Vasquez),” $46,000

Dr. Hassan Tavakol-Davani
Total: $22,927
University of Southern California: “Enhancing the Resilience of Underserved Coastal Communities Against Compound Flooding,” $22,927

Dr. Matthew Verbyla
Total: $204,874
California State Water Resources Control Board: “Alternative Indicators of Human Fecal Contamination,” $204,874

Mr. Thomas Zink
Total: $560,103

Internship student, Kathleen Nguyen, M.S. student, Danielle Hunt, and undergraduate student, Trevor Eckermann, streamgage Alvarado Creek after the 2020-2021 winter season and removal of non-native vegetation. Photo courtesy of Tom Zink.
Dr. Sunil Kumar  
**Total: $249,992**


Dr. Saeed Manshadi  
**Total: $40,000**

Southern California Gas Company: “Farm Electrification: A Roadmap to Remove Carbon Footprint from Agriculture Sector,” **$40,000**

Dr. Chunting Mi  
**Total: $129,129**


Dr. Huu Nguyen  
**Total: $25,000**

LinQuest Corporation: “Measurement and Analysis of SATCOM Operational Resiliency - Phase II,” **$25,000**

Dr. Christopher Paolini  
**Total: $499,998**


Dr. Mahasweta Sarkar  
**Total: $25,381**

Auburn University: “The Alliance of Persons with Disabilities and Intersectionality for Inclusion, Networking, and Transition Opportunities in Science, Technology, Engineering and Mathematics (STEM) (TAPDINTO-STEM),” **$25,381**

Dr. Shuofeng Zhao, a post-doctoral research fellow, and Zeyu Chen, a JDP student, working on the NASA and CEC-funded project. Photo courtesy of Mi Lab

Dr. Mahasweta Sarkar, Dr. Amirhossein Alimohammad, Dr. Chunting Mi, Dr. Santosh Nagaraj, and Dr. Satish Sharma  
**Total: $99,712**

National Science Foundation: “Planning Grant: Engineering Research Center for Next Generations of Wireless Telecommunication (WiTeC),” **$99,712**

Dr. Nandan Das, CTO of G-C4 Viasat, presenting Viasat’s efforts of bringing connectivity to Rural Mexico at the ERC all-hands-meeting at SDSU on March 11, 2022. Photo courtesy of Mahasweta Sarkar

Dr. Satish Sharma  
**Total: $832,418**

U.S. Department of Defense Office of Naval Research: “Agile Antenna for Troposcatter Communications,” **$105,000**

First RF Corporation: “Gun-hardened, Hypersonic-capable RF Components for Smart Munitions,” **$60,000**

National Aeronautics and Space Administration: “5G Array for Lunar Relay Operations - Flight Test (FIGARO-FT),” **$442,037**; “Applicability of Hybrid-Beamforming Based Massive MIMO Antenna Arrays Concepts for 5G Millimeter Wave Applications to SmallSats Platforms,” **$200,000**

Dr. Junfei Xie  
**Total: $16,000**

Dr. John Abraham  
**Total:** $5,625  
National Aeronautics and Space Administration:  
“National Aeronautics and Space Administration (NASA) Robotic Mining Competition Stipend,” $5,625

Dr. Subrata Bhattacharjee and Dr. Fletcher Miller  
**Total:** $154,174  
National Aeronautics and Space Administration:  
“Residence Time Driven Flame Spread: The Final Phase,” $154,174

Dr. Joaquin Camacho  
**Total:** $508,122  
National Science Foundation:  
“CAREER: Progression from Soot to Nanocrystalline Carbon in Elevated Temperature Flames,” $508,122

Dr. Zahra Nili Ahmadabadi  
**Total:** $125,000  
U.S. Department of Defense Air Force Research Laboratory:  

Dr. Eugene Olevsky and Dr. Elisa Torresani  
**Total:** $100,000  
Cerion Nanomaterials:  
“Sintering of Carbide Powders,” $100,000

Dr. Eugene Olevsky and Dr. Wenwu Xu  
**Total:** $267,000  
U.S. Department of Energy Office of Science:  
“Tailoring Grain-boundaries by Electro-Nano-Pulsing (ENP),” $267,000

Dr. Eugene Olevsky, Dr. Sungbum Kang, and Dr. Elisa Torresani  
**Total:** $1,000,000  
National Science Foundation:  
“Collaborative Research: DMREF: Accelerating the Adoption of Sintering-Assisted Additive Manufacturing Using Integrated Experiments, Theory, Simulation and Data Science,” $1,000,000

Dr. Fletcher Miller  
**Total:** $31,000  
National Aeronautics and Space Administration:  
“Developing the Narrow Channel Apparatus as a National Aeronautics and Space Administration (NASA) Standard Material Flammability Test – Flight Experiment,” $31,000

Dr. Elisa Torresani  
**Total:** $197,643  
National Science Foundation:  
“ERI: Additive Manufacturing - Spark Plasma Sintering (AMSPS) Technology for Processing High-Temperature Alloys,” $197,643

Dr. Eugene Olevsky and Dr. Elisa Torresani  
**Total:** $100,000  
Cerion Nanomaterials:  
“Sintering of Carbide Powders,” $100,000

Dr. Eric Suh, Dr. Elisa Torresani, and Dr. Eugene Olevsky  
**Total:** $100,000  
Cerion Nanomaterials:  
“Sintering of Carbide Powders,” $100,000

Dr. George Youssef  
**Total:** $301,233  
National Science Foundation:  
“Collaborative Research: Multiscale Experimental/Computational Mechanics Investigations into Density Graded Auxetic Foams,” $301,233

Shruthi Dasappa, PhD Mechanical Engineering 2021, (left) and Professor Camacho (right) examining their high-temperature flame synthesis process in action. Photo courtesy of Flames, Aerosols and NanoScience Lab

Dr. Randall German and Dr. Eugene Olevsky  
**Total:** $150,000  
National Aeronautics and Space Administration:  
“Multi-Scale Modeling and Experimentation onLiquid Phase Sintering in Gravities and Microgravity Environments,” $150,000
Dr. Joe Belch, Interim Dean

Management Information Systems

Dr. David Goldberg
Total: $74,640

Dr. Martina Musteen
Total: $644,821
U.S. Department of Education Office of Postsecondary Education: “Center for International Business Education & Research (SDSU CIBER),” $634,821
San Diego Association of Governments: “Cross Border Consulting,” $10,000

Marketing

Dr. Iana Castro
Total: $329,372

Mr. John McMillan
Total: $5,000

Project interns stocking fresh fruits and vegetables at one of BrightSide Produce’s partner stores. Credit: Copyright 2021 Annabel Clark
Photo courtesy of Robert Wood Johnson Foundation
AWARD TOTAL: $64,549,147

Exercise & Nutritional Science

Dr. Michael Buono
Total: $45,847
Leidos Inc: “Validity of Energy Expenditure on a Cycle Ergometer,” $45,847

Dr. Sara Gombatto
Total: $36,143
Smith & Nephew: “Validation of a Depth Sensor Camera System for Measuring Full Body Kinematics,” $36,143

Dr. Katrina Maluf
Total: $37,230
National Institute of Child Health and Human Development: “Role of Patient-provider Communication on Clinical Outcomes of Rehabilitation for Chronic Spine Pain,” $37,230

Dr. Amanda McClain
Total: $218,780
Albert Einstein College of Medicine: “The Role of Neighborhood and Household Food Environments and Food Shopping Behaviors in Shaping Diet Quality and Glucose Metabolism Among Hispanic/Latino Youth and Their Caregivers Participating in the Supplemental Nutrition Assistance Program,” $25,000

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

Tufts University: “Capturing the Latinx Food Insecurity Experience: Perceptions and Interpretations of the Household Food Security Module (HFSM) Among Low-income Latino/a Caregiver,” $10,726

Dr. Leonardo Nogueira
Total: $433,620
University of California Office of the President: “Mechanisms of Chronic Obstructive Pulmonary Disease (COPD) Sustained Muscle Inflammation Impeded Myofiber Repair and Function,” $433,620

Dr. Michelle Rawlins
Total: $22,996
National Athletics Trainers Association Research and Education Foundation: “The Influence of Social Determinants of Health on Concussion Care Seeking Behaviors in Historically Underrepresented Ethnic and Racial Groups,” $22,996

Dr. Lori Tuttle
Total: $502,773
National Institute of Child Health and Human Development: “An Innovative Rehabilitation Approach for Women with Anal Incontinence,” $502,773

Nursing

Dr. Beverly Carlson
Total: $29,859
University of California at San Diego: “UC San Diego Clinical and Translational Research Institute,” $29,859
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<tr>
<th>Recipient</th>
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<tr>
<td>Dr. Roopali Gupta</td>
<td>$1,000</td>
<td>The American Geriatrics Society: “Geriatrics Workforce Enhancement Program (GWEP) Support,” $1,000</td>
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<td>Dr. Roopali Gupta and Dr. Philip Greiner</td>
<td>$1,240,004</td>
<td>Health Resources and Services Administration: “San Diego/Imperial Geriatric Education Center (SDIGEC): Expanding Geriatric Education in Primary Care,” $1,240,004</td>
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<td>Dr. Karen Macauley and Dr. Helina Hoyt</td>
<td>$480,000</td>
<td>California Office of Statewide Health Planning and Development: “Building Capacity for a Bachelor's Prepared Nursing Workforce in Imperial County Through a Cross Enrolment Associate Degree Registered Nurse Bachelor of Science (ADRN-BS) in Nursing Pathway at SDSU Imperial Valley,” $480,000</td>
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<td>Ms. Lisa Asmus and Dr. Corinne McDaniels-Davidson</td>
<td>$377,905</td>
<td>Multicultural Health Foundation: “Evaluator for Community Health Worker (CHW) Communication and Outreach Services,” $15,000</td>
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<td>Dr. Elva Arredondo</td>
<td>$814,045</td>
<td>National Heart, Lung, and Blood Institute: “Enhancing Capacity in Faith-based Organizations to Implement and Sustain Multilevel Innovations to Improve Physical Activity,” $755,604</td>
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<td>National Institute of Child Health and Human Development: “Floreciendo Juntas (Growing Together): A Mother-daughter Physical Activity Program,” $3,763</td>
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<td>RAND Corporation: “Linking Churches with Parks to Increase Physical Activity Among Latinos,” $24,452</td>
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<td>University of California at San Diego: “Improving Family Functioning in Obesity Treatment for Mexican American Women,” $30,226</td>
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<td>Ms. Lisa Asmus</td>
<td>$93,150</td>
<td>San Diego County Health and Human Services Agency: “Community Readiness Assessment for Syringe Services,” $93,150</td>
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<td>Dr. Stephanie Brodine</td>
<td>$60,354</td>
<td>Indian Health Council: “Native American Research Centers for Health (NARCH) 11 Administrative Core,” $3,153; “Native American Research Centers for Health (NARCH) 11 Student Development Project,” $34,045; “Native American Research Centers for Health (NARCH) Core,” $8,156</td>
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<td>University of California at San Diego: “Centers of Excellence,” $15,000</td>
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<td>Ms. Lisa Asmus and Dr. Corinne McDaniels-Davidson</td>
<td>$165,940</td>
<td>University of California at San Diego: “Centers of Excellence,” $15,000</td>
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<td>Dr. Noe Crespo</td>
<td>$1,035,900</td>
<td>City of Chula Vista: “Advancing Health Literacy to Enhance Equitable Community Responses to COVID-19,” $314,736</td>
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<td>National Center on Minority Health and Health Disparities: “Tailored Behavioral Intervention to Prevent Household and Community Spread of COVID-19 Among Latinos,” $635,198</td>
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<td>Family Health Centers of San Diego: “Family Health Centers of San Diego (FHCSD) Scientist in Residence Program,” $40,379</td>
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<td>University of California at San Diego: “Addressing Health Impacts of Adverse Childhood Experiences Through a Collaborative Precision Medicine Approach,” $7,000; “Centers for Multiple Chronic Diseases Associated with Health Disparities: Prevention, Treatment, and Management,” $38,587</td>
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**Public Health**
Dr. John Elder  
**Total:** $18,447  
University of Southern California: “Southern California Center for Chronic Health Disparities in Latino Children and Families,” $18,447

Dr. Kristen Emory  
**Total:** $179,381  
California Tobacco-Related Disease Research Program: “Research and Advocacy Training in Conventional and Electronic Forms of Tobacco,” $179,381

Dr. Tracy Finlayson  
**Total:** $28,526  
University of North Carolina-Chapel Hill: “Age Cohort Changes in Oral Conditions and Life Transitions in the United States Health and Retirement Study,” $28,526

Dr. Shira Goldenberg  
**Total:** $413,237  
University of British Columbia: “Evaluating Impacts of Structural and Community-led Interventions on Sexually Transmitted and Blood Borne Infection (STBBIs) Risk Environments for Street and Off-street Sex Workers,” $310,777; “Impacts of Structural and System-level Interventions on Human Immunodeficiency Virus (HIV)/Sexually Transmitted Infections (STI) and Overdose Epidemics Among Sex Workers (SWs),” $102,460

Dr. Eunha Hoh  
**Total:** $45,000  
California Tobacco-Related Disease Research Program: “2021 Cornelius Hopper Diversity Supplement - Melissa Pennington,” $20,000; “2021 Student Supplement: Christine Stewart,” $20,000


Dr. Eunha Hoh and Dr. Nathan Dodder  
**Total:** $1,014,733  

University of California at San Diego: “The 2021 ESPINA Study Follow-up Exam: Fungicides, Insecticides, Inflammation and Child Development,” $64,715

University of California at Santa Barbara: “Surface Water Emissions from Cannabis Cultivation Sites: Quantity, Quality, Toxicity, and Relationships to Farmers’ Practices,” $800,000

Dr. Neil Klepeis  
**Total:** $338,559  
California Tobacco-Related Disease Research Program: “Youth Co-design of a Mobile Personal Exposure Toolkit (PET),” $338,559

Dr. Brandy Lipton  
**Total:** $713,957  
National Eye Institute: “Impact of Routine Eye Care Coverage on Access to Eye Care and Fall-related Outcomes Among Low-income Medicare Enrollees,” $563,457

National Institute of Dental and Craniofacial Research: “Impact of Dental Care Access on Children’s Oral Health and Academic Outcomes,” $150,500

Dr. Nicolas Lopez-Galvez  
**Total:** $25,000  
National Children’s Center for Rural & Agriculture Health and Safety: “Environmental Health Issues Among Children Living in Imperial County,” $25,000

Dr. Hala Madanat and Dr. Corinne McDaniels-Davidson  
**Total:** $1,642,376  
San Diego State University: “Community Health Workers for COVID-19 Contact Tracing in San Diego County,” $1,642,376

Dr. Corinne McDaniels-Davidson  
**Total:** $8,314,548  
Dr. Corinne McDaniels-Davidson cont.
Health Resources and Services Administration:
“Communities Fighting COVID (CFC)! with Vaccines,” $1,000,000

Indian Health Council: “Native American Research Centers for Health (NARCH) XI Evaluation,” $16,450

San Diego County Health and Human Services Agency: “Tobacco Control Resource Program - Evaluation Services Year 4,” $14,800

Save a Life Foundation: “Development of Professional Education Program for Primary Care Practitioners on Sudden Cardiac Arrest Prevention in Youth,” $12,250

University of California at San Diego: “Cancer Center Support Grants (CCSG) for National Cancer Institute- Designated Cancer Center,” $103,440

Dr. Corinne McDaniels-Davidson and Ms. Martha Crowe
Total: $286,500

California Department of Health Care Services: “Medical Interpreter Pilot Project,” $286,500

Community Health Workers translate forms for farm workers interested in getting the COVID-19 vaccine at Fresh Origins Nursery, San Marcos, CA (April 8th, 2022).

Photo courtesy of Cesar Bucio Zamora

Dr. Corinne McDaniels-Davidson and Ms. Tanya Penn
Total: $143,757

University of California at San Diego: “San Diego Clinical and Translational Research Institute,” $122,757

Sharp Healthcare: “Sharp 2022 Community Health Needs Assessment - Phase 1,” $21,000

Dr. Corinne McDaniels-Davidson and Dr. Eyal Oren
Total: $4,000,000

National Institute of Child Health and Human Development: “Communities Fighting COVID!: Returning Our Kids Back to School Safely,” $4,000,000

Dr. Eyal Oren
Total: $108,700

California Tobacco-Related Disease Research Program: “Cornelius Hopper Diversity Supplement - Laila Hamzai,” $20,000; “Cornelius Hopper Supplement - Sergio Renteria,” $20,000


Dr. PJE Quintana and Dr. Eunha Hoh
Total: $751,699

California Tobacco-Related Disease Research Program: “Measuring and Reducing Exposure to Thirdhand Smoke,” $301,000; “Wristbands to Measure Secondhand Exposure to Tobacco, E-cigarettes and Cannabis,” $450,699

Dr. Elizabeth Reed
Total: $67,809

Tulane University: “Promoting Color Brave Conversations in Families: A Public Health Strategy to Advance Racial Equity,” $67,809

Ms. Tanya Penn cont.
University of California at San Diego: “1/2 SDSU/UCSD Cancer Center Comprehensive Partnership,” $75,000

Dr. Heather Pines
Total: $15,173


Dr. PJE Quintana
Total: $151,811


Dr. PJE Quintana and Dr. Eunha Hoh
Total: $751,699

California Tobacco-Related Disease Research Program: “Measuring and Reducing Exposure to Thirdhand Smoke,” $301,000; “Wristbands to Measure Secondhand Exposure to Tobacco, E-cigarettes and Cannabis,” $450,699

Dr. Elizabeth Reed
Total: $67,809

Tulane University: “Promoting Color Brave Conversations in Families: A Public Health Strategy to Advance Racial Equity,” $67,809
Dr. Karilyn Sant  
Total: $188,451
National Institute of Environmental Health Sciences: “Elucidating the Role of Peroxisome Proliferator-activated Receptors (PPAR) Signaling in Pancreatic Organogenesis and Juvenile Metabolic Syndrome.” $167,381
University of Massachusetts: “Toxicant Disruption of Receptor-Mediated Endocytosis in Oogenesis and Later Life Metabolic Dysfunction.” $21,070

Dr. Melody Schiaffino  
Total: $187,237
National Institute on Aging: “Improving Age-related Risk Assessment and Documentation for Diverse Older Adults with Cancer.” $137,017
University of California at San Diego: “San Diego Resource Center for Advancing Alzheimer’s Research in Minority Seniors (ARMS).” $37,800
University of California at San Francisco: “University of California at San Francisco Research in Implementation Science for Equity (RISE 2) Pilot Award.” $12,420

SDSU School of Public Health MPH student, Tanya Ochoa-Cipes puts up posters to recruit for a study led by Schiaffino Lab students. Photo courtesy of Schiaffino Lab

Dr. Emily Schmied  
Total: $130,920
RTI International: “Development and Evaluation of Tailored Sexual Assault and Alcohol Misuse Prevention in Military Settings.” $130,920

Dr. Sabrina Smiley  
Total: $40,150
University of California Office of the President: “Regulating Menthol Cigarettes: Understanding How Restrictions Affect Retailers and Smokers.” $259,332; “We the People: A Human Immunodeficiency Virus (HIV) Policy Research Center that Works for all of California.” $147,818

Dr. Paula Stigler Granados  
Total: $158,361
Centers for Disease Control and Prevention: “Reducing the Burden of Parasitic Infections in the United States Through Evidence-based Prevention and Control Activities.” $158,361

Dr. Erik Storholm  
Total: $1,048,392
National Institute of Mental Health: “Intimate Partner Violence and Human Immunodeficiency Virus (HIV) Prevention Among Sexual Minority Men.” $575,446
University of California Office of the President: “Strategies for Implementing PrEP Services in a Trans Community Center.” $227,102

Dr. Faramarz Valafar  
Total: $1,355,171
National Institute of Allergy and Infectious Diseases: “Evolutionary and Functional Significance of Novel Mutations in Multi Drug-resistant Extensively Drug-resistant Tuberculosis (MDR-XDR TB).” $649,789; “Undetected Drug Desistance and Tolerance in Lesions of Recurrent Tuberculosis (TB).” $705,382

Dr. Tianying Wu  
Total: $251,718

Social Work

Ms. Silvia Barragan  
Total: $23,000
Price Philanthropies Foundation: “Social and Emotional Learning (SEL) Program Emergency Fund.” $3,000
San Diego Unified School District: “College Avenue Compact - Wilson Middle School Students Advocates (SDUSD).” $20,000

Ms. Silvia Barragan and Mr. Paul Brazzel  
Total: $1,317,199
San Diego Unified School District: “Project RISE UP.” $325,536
Mr. Steven Hornberger
Total: $367,500
Health Net: “Wellness Club Initiative,” $5,000
The Connection: “The Connection,” $10,000
The San Diego Foundation: “Age-Friendly Chula Vista Initiative Evaluation Proposal,” $61,500; “City of Solana Beach: Age-Friendly Communities,” $50,000
The Scan Foundation: “CA Advocacy Network 2022 - 2023 (San Diego Regional Coalition),” $15,000
Ventura County: “County Leadership Facilitation,” $195,507

Mr. Steven Hornberger and Ms. Lori Clarke
Total: $226,786
City of San Diego: “Age Friendly San Diego Action Plan Implementation,” $50,286
Ventura County: “Ventura Family First Prevention Services Act (FFPSA) Prep,” $176,500

Dr. Adrianne Keeney
Total: $61,636
San Diego County Health and Human Services Agency: “Fostering Academic Success in Education Evaluation,” $11,000

Dr. Jong Won Min
Total: $2,336,411
San Diego County Health and Human Services Agency: “Driving Under the Influence Program (DUIP) 2021-2022,” $2,336,411

Dr. Eileen Pitpitan
Total: $1,227,518
George Washington University: “San Diego SUN: Supporting and Uplifting New and Diverse Scientists in Human Immunodeficiency Virus (HIV),” $20,868

Ms. Jennifer Tucker-Tatlow
Total: $383,969

Ms. Jennifer Tucker-Tatlow and Ms. Jennifer Baum
Total: $20,924,693
California Department of Social Services: “ACL Adult Protective Services Training,” $91,838; “Protective Services AB135 Remediation,” $1,040,000; “California Department of Social Services (CDSS) Adult Protective Services (APS) 22/23,” $70,400

Jennifer Tucker-Tatlow and Ms. Jennifer Baum cont.

Emily Sulpizio, Training Program Coordinator, worked with APS County staff and Production Crew to create a training video, “Asking Inclusive Demographic Questions” for APS professionals to use in their professional development. Photo courtesy of Kat Preston-Wager, APSWI

California Social Work Education Center: “CalSWEC SERVE Evaluation FY 21-22,” $75,000
County of Riverside Department of Public Social Services: “Riverside County New Practice 22/23,” $596,258
County of San Bernardino: “San Bernardino Children and Family Services,” $2,407,261
National Adult Protective Services Association (NAPSA): “NAPSA National Adult Protective Services (APS) Training Center FY 21/22,” $626,218
San Diego County Probation Department: “San Diego Probation Training FY 21/22,” $1,925,962
The Child and Family Policy Institute of California: “Core Practice Model (CPM) Implementation 22/23,” $75,000
Ventura County: “Ventura Child Welfare Training 21/22,” $1,018,655

Dr. Lianne U雷达
Total: $50,000
The Nemeth Foundation: “Estimating the Prevalence of Human Trafficking Among College Students in San Diego-Imperial Counties,” $50,000

Dr. Jong Won Min
Total: $2,336,411
San Diego County Health and Human Services Agency: “Driving Under the Influence Program (DUIP) 2021-2022,” $2,336,411
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<th>Researcher</th>
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<tr>
<td>Dr. Maria Zuniga and Dr. Eileen Pitpitan</td>
<td>$261,246</td>
<td>National Institute on Drug Abuse: “Addiction Scientists Strengthened Through Education and Training (ASSET)”</td>
<td>$462,670; $46,000; University of California at San Diego: “Assessment of Language and Cognition in Older Deaf Signers,” $240,785; University of Texas Dallas: “An Open Science Platform for the Neurobiology of Language Community,” $2,680</td>
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<td>Dr. Ashley Adams</td>
<td>$231,363</td>
<td>University of California at Irvine: “Developing A2i Spanish Adaptive Progress Monitoring Assessments for PK-3rd Grade,” $170,351; “Optimizing Learning Opportunities for Students (OLOS) Observation System,” $38,655; “Personalizing Literacy Instruction for English Learners,” $22,357</td>
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<td>Dr. Crystle Alonzo</td>
<td>$5,000</td>
<td>American Speech Language Hearing Association: “American Speech Language Hearing Association (ASHA) Mentoring Award,” $5,000</td>
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<td>Dr. Katina Blumenfeld</td>
<td>$46,753</td>
<td>National Institute on Deafness/Other Communication Disorders: “Cognitive Effects in Bilingual Adults with and Without a History of Developmental Language Disorder - Jonathan Robinson,” $46,753</td>
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<td>Dr. Alyson Mills</td>
<td>$224,785</td>
<td>National Institute on Deafness/Other Communication Disorders: “Biomarkers of Developmental Language Disorder and Their Relationship to Language Impairment - N. Abbott,” $717; “Neurocognitive Approaches to Communication Disorders- Administrative Supplement,” $123,970</td>
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<td>Dr. Sonja Pruitt</td>
<td>$1,000</td>
<td>Alliance Healthcare Foundation: “College of Health and Human Services IPE Mobile Clinic,” $1,000</td>
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<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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**Speech, Language and Hearing Sciences**

Bilingual Development in Context (BDC) Lab members participated in San Diego’s 2022 TET festival, promoting current research studies, and raising awareness about the importance and need for bilingualism. (From left to right: Sophie Levi, Patrick Bang, Alicia Escobedo (above), Ngoc Do (below), Kaitlan Nguyen, Chris Nguyen, Khanh Nguyen). Photo courtesy of Quynh Dam
Dr. Peter Torre  
Total: $536,462

National Institute on Deafness/Other Communication Disorders: “The Association of Perinatal Human Immunodeficiency Virus (HIV) Infection and Hearing Loss in Children of Cape Town, South Africa,” $394,278

Harvard University: “Pediatric Human Immunodeficiency Virus (HIV)/Acquired Immunodeficiency Syndrome (AIDS) Cohort Study (PHACS) 2021,” $15,714

Johns Hopkins University: “Clinical Research Sites for the Multicenter AIDS Cohort Study (MACS)/Women’s Interagency Human Immunodeficiency Virus (HIV) Study (WHIS) Combined Cohort Study,” $79,207

University of California at San Diego: “Detect: A Novel Device to Assess How Human Immunodeficiency Virus (HIV) Affects Neurocognitive Decline and Postural Instability in Older Adults at Risk for Alzheimer’s Disease,” $47,263
AWARD TOTAL: $1,091,183

Dr. Guillermina Gina Núñez-Mchiri, Dean

Dr. Suzanna Fuentes-Ferreiro
Total: $836,188
AMCO International Education Services, LLC: “English Language Skills (ELS) Certification,” $320,000
Imperial County Department of Social Services: “Computer and Employment Empowerment Program,” $399,188; Medical Administrative Assistant Certificate Program,” $117,000

Dr. Huan Qin and Dr. Tingting Tang
Total: $199,998
National Science Foundation: “Track 1: Hispanic-Serving Institution Pilot Project: Building Capacity: Building Bridges into Math and Science, Technology, Engineering and Mathematics (STEM) at SDSU Imperial Valley,” $199,998
Dr. Heather Canary, Interim Dean

**Art Design & History**

**Professor Annie Buckley**

Total: $556,040

California Arts Council: “Prison Arts Collective,” $500,000

Colliers: “CDCR 1515 S Street – Artwork,” $13,040


Santa Monica Community College District: “Prison Arts Collective Exhibition,” $8,000

**PAC CIM Guest Artist Group 2021: Prison Arts Collective's team joined with guest artists to provide multidisciplinary art classes developed by artists from the PAC X Huxley Collaboration at California Institution for Men. Photo Courtesy of Prison Arts Collective by Peter Merts, 2021**

**Communication**

Dr. Heather Canary, Dr. Tiffany Dykstra, and Dr. Kurt Lindemann

Total: $25,000


Dr. Yea-Wen Chen

Total: $13,725


**The Waterhouse Family Institute for the Study of Communication and Society Photo courtesy of The Waterhouse Family Institute for the Study of Communication and Society**

Dr. Rachael Record

Total: $301,396

California Tobacco-Related Disease Research Program: “Testing Persuasive Anti-Tobacco Messages for California’s Tobacco Endgame Among Diverse and Underserved Communities,” $235,197

University of Southern California: “Should Hashtags be Part of Tobacco Marketing Regulations?: The Exploration of Hashtag Use in E-cigarette Marketing,” $66,199
Music & Dance

Dr. Kevin Delgado
Total: $232,547
California State University San Bernardino: “Southern Counties California Arts Project (SouthCAP),” $100,000
University of California Office of the President: “Southern California Arts Project (ESSA),” $107,536; “Southern Counties Arts Project (CSMP),” $25,011

Public Affairs

Dr. Bruce Appleyard
Total: $306,093
San Jose State University Foundation: “Evaluation of California’s Active Transportation Program (ATP),” $74,840

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

Dr. Sherry Ryan
Total: $28,052
City of Encinitas: “Beach Access Count Study,” $28,052

Dr. Sherry Ryan and Dr. Madison Swayne
Total: $25,000
California Department of Conservation: “Sustainable Agricultural Lands Conservation (SALC) Program,” $25,000
AWARD TOTAL: $43,356,239

Dr. Jeffrey T. Roberts, Dean

Office of the Dean

Dr. Catherine Atkins
Total: $217,455
National Institute of General Medical Sciences: “Promoting Wellness and Resiliency,” $86,346
University of California at San Diego: “San Diego Institutional Research and Academic Career Development Award (IRACDA): Professors for the Future,” $131,109

Dr. Catherine Atkins and Dr. Stanley Maloy
Total: $46,351
National Institute of General Medical Sciences: “Maximizing Access to Research Careers,” $46,351

Dr. Jose Castillo
Total: $48,913

Dr. Jose Castillo and Dr. Karen Campbell
Total: $330,680
California Department of Conservation: “Surface Expression Risk Assessment Phase II,” $330,680

Dr. Estralita Martin
Total: $45,250
California State University Sacramento University Enterprises Inc: “California State University Louis Stokes Science, Technology, Engineering and Mathematics (STEM) Pathways and Research Alliance (CSU-LSAMP) National Science Foundation,” $15,000; “California State University Louis Stokes Science, Technology, Engineering and Mathematics (STEM) Pathways and Research Alliance (CSU-LSAMP) Senior Alliance,” $30,250

Dr. Stacy Ochoa Mikrut
Total: $629,475
U.S. Department of Education Office of Postsecondary Education: “SDSU Hispanic-Serving Institution Science, Technology, Engineering and Mathematics (STEM) and Articulation Program,” $629,475

Dr. Ochoa leads STEM Pathways group meeting. Photo courtesy of Stacy Ochoa Mikrut

Dr. Jeffrey Roberts
Total: $15,000
Government of Georgia: “Graduate Award for SDSU-Georgia Chemistry Program - Ani Chakhrakia,” $15,000

Dr. Bing Zhu and Dr. Jose Castillo
Total: $12,108

Dr. William Welsh and Dr. Jerome Orosz
Total: $63,196
SETI Institute: “TESS’ Royal Road to Stellar Astrophysics - Uniform Analysis of Hundreds of Thousands of Eclipsing Binaries,” $63,196
Dr. Sanford Bernstein  
**Total:** $603,601  
National Institute of General Medical Sciences: “Genetics and Molecular Biology of Striated Muscle Myosin (MERIT Extension Application),” $603,601

Dr. Kevin Burns  
**Total:** $46,000  
National Science Foundation: “Migratory Genetics and Subspecies Intergradation in the Allen’s Hummingbird (Selasphorus sasin) (Fellowship - S. Hood),” $46,000

Dr. Ted Cranford  
**Total:** $267,164  

Dr. Richard Cripps  
**Total:** $356,492  
American Heart Association: “Establishing the Role of the Conserved TN Domain in Tinman,” $64,072  
National Institute of General Medical Sciences: “Genetic Regulation of Muscle Fiber Diversity.” $292,420

Dr. Matthew Edwards  
**Total:** $31,777  
California Sea Grant College Program: “Involving Undergraduate Students in Research: A Multi-pronged Approach to Kelp Recovery Along California's North Coast,” $9,800

Dr. Matthew Edwards cont.  
National Science Foundation: “National Science Foundation Convergence Accelerator Track E: Developing Blue Economy from Micro to Macro-scale in Kelp Aquaculture,” $557,577  
University of California at Davis: “A Multi-pronged Approach to Kelp Recovery Along California's North Coast,” $22,050

Dr. Ralph Feuer  
**Total:** $3,606,500  
California Institute for Regenerative Medicine: “Bridges to Stem Cell Research Internship Program,” $3,606,500

Dr. Lluvia Flores Renteria  
**Total:** $258,490  
National Science Foundation: “Collaborative Research: BEE: Integrating Evolutionary Genetics and Population Ecology to Detect Contemporary Adaptation to Climate Change Across a Species' Range,” $258,490

Dr. Marshall Hedin  
**Total:** $56,160  
Blair Wildlife Consulting: “Genetic Studies of Cave-dwelling Cicurina from the Bexar County Region of Texas,” $56,160

Dr. Carrie House  
**Total:** $30,000  
Rivkin Center: “Role of Macrophages in the Development of Drug-Resistant Cancer Stem Cells Following Chemotherapy,” $30,000

Dr. Kevin Hovel  
**Total:** $46,000  
National Science Foundation: “Indirect Effects of Climate Change on Blue Mussels via Changes to Mussel Parasitism - J. Griffin,” $46,000

Dr. Megan Jennings  
**Total:** $168,928  

Dr. Marina Kalyuzhnaya  
**Total:** $138,754  
Johns Hopkins University: “Integrating Chemical Catalysis and Biological Conversion of Carbon Intermediates for Deriving Value Added Products from Carbon Dioxide,” $74,274  

Dr. Scott Kelley  
**Total:** $31,777  
University of California at San Diego: “Role of the Gut Microbiome in Polycystic Ovary Syndrome,” $31,777

Dr. Linda Kelly  
**Total:** $46,000  
National Science Foundation: “Identification of Coral Exometabolites for Biomarkers of Stress – Quinlan,” $46,000

27
Dr. Chun-Ta Lai  
*Total: $7,504*

Wood Group, PLC: “Application of Stable Isotope Ratios to Separate Water Sources During Low Flow Conditions in County of Orange,” **$7,504**

Dr. Rebecca Lewison  
*Total: $432,866*


National Aeronautics and Space Administration: “Supporting Climate-ready and Sustainable Fisheries: Using Satellite Data to Conserve and Manage Life in the Ocean and Support Sustainable Fisheries,” **$315,757**

Dr. Eve Bohnett and professor, Fang Qiu in Chitwan Nepal holding drone equipment used for surveying large mammals. In the background, two elephants and their trainers. Photo credit: Unknown photographer

Dr. Rebecca Lewison and Dr. Megan Jennings  
*Total: $118,671*

California Department of Fish and Wildlife: “Evaluating Population Persistence for Desert Bighorn Sheep in the Peninsular Ranges, California,” **$59,967**


Dr. David Lipson and Dr. Xiaofeng Xu  
*Total: $198,970*

National Science Foundation: “RAPID: Interactive Effects of Wildfire and Severe Drought on Plants, Soil Microbes and C Storage in a Semiarid Shrubland Ecosystem,” **$198,970**

Kyle and Elsa are operating a field spectrometer to collect reflectance measurements of vegetation (essentially measuring greenness). Photo courtesy of David Lipson

Dr. Jeremy Long  
*Total: $81,730*


National Science Foundation: “Determining the Driving Factors of the Corynactis Associational Refuge - Fellowship X. Boone,” **$46,000**

Dr. Robert Luallen  
*Total: $406,960*

National Science Foundation: “CAREER: Examining Bacterial Filamentation as a Mechanism for Cell-to-cell Spreading in an Animal Host,” **$406,960**

Dr. Walter Oechel and Dr. Samuel Shen  
*Total: $143,813*

City College of New York: “CREST,” **$143,813**

Dr. Dwayne Roach  
*Total: $351,741*

CFD Research: “A Microfluidic Impedance-Based Bacteriophage Capture and Antibiofilm Analyzer,” **$186,081**; “Flexible Microfluidic Process Technology for Biopharmaceutical Purification of Bacteriophages,” **$75,000**; “Smart Bioreactor for Large-scale High Titer Phage Preparations,” **$90,660**

Dr. Forest Rohwer  
*Total: $308,246*

Dr. Forest Rohwer cont.

Rohwer lab researchers, Jason Baer and Dr. Mark Little, sample Coral Arks to investigate how reef communities assemble from the smallest scales. Photo courtesy of Robert at SeaVentures

Dr. Arun Sethuraman cont.

Dr. Nicholas Shikuma
Total: $479,486

U.S. Department of Defense Office of Naval Research: “Gut Bacteria Injection Systems Mediating Human-Microbe Interactions,” $255,000
National Science Foundation: “CAREER: Determining How Bacteria Stimulate Animal Metamorphosis,” $224,486

Dr. Mark Sussman
Total: $376,250
California Tobacco-Related Disease Research Program: “Prenatal Nicotine/Tetrahydrocannabinol Exposure Promotes Myocardial Damage: A Brain-heart Parallel,” $376,250

Dr. XiaoFeng Xu
Total: $317,293
National Science Foundation: “CAREER: Integrating a Microbial Data System with an Earth System Model for Evaluating Microbial Biogeochemistry,” $273,905
UT-Battelle LLC: “Data Model Integration for Methane (CH4) at the S1 Bog and CH4 Module Incorporation into the Energy Exascale Earth System Model,” $43,488

Dr. Arun Sethuraman
Total: $522,487
California State University San Marcos: “The Architecture of Missing and Archaic Variation in Human Population Genomic Data,” $24,873

Dr. Arun Sethuraman
Total: $479,486

U.S. Department of Defense Office of Naval Research: “Gut Bacteria Injection Systems Mediating Human-Microbe Interactions,” $255,000
National Science Foundation: “CAREER: Determining How Bacteria Stimulate Animal Metamorphosis,” $224,486

Mr. Thomas Zink
Total: $1,054,424

U.S. Department of Defense U.S. Navy: “Dune Restoration at Naval Base Coronado and Pollinator Study at Naval Auxiliary Landing Field San Clemente Island,” $82,989
San Diego River Conservancy: “Alvarado Creek Bed Fire Fuel Reduction,” $656,815

Chemistry & Biochemistry

Dr. Rees Garmann
Total: $268,207
National Institute of General Medical Sciences: “Mapping the Assembly Pathways for Viral Capsids by Direct Single-particle Measurements,” $268,207

Dr. Douglas Grotjahn
Total: $219,605

Dr. Ricardo Zayas
Total: $397,805
National Institute of General Medical Sciences: “Molecular Mechanisms Underlying Sensory Neuron Regeneration and Function,” $397,805

Dr. Anca Segall
Total: $1,501,875
The Gordon and Betty Moore Foundation: “Perpetual Viral Origins,” $1,501,875

Dr. Anca Segall
Total: $199,946
Washington University in St. Louis: “Novel Experimental and Computational Resources for Virome Analysis in Inflammatory Bowel Disease,” $199,946

Dr. Arun Sethuraman
Total: $219,605


Dr. Xiaofeng Xu
Total: $317,393
National Institute of General Medical Sciences: “Prenatal Nicotine/Tetrahydrocannabinol Exposure Promotes Myocardial Damage: A Brain-heart Parallel,” $376,250

Mr. Thomas Zink
Total: $1,054,424

AECOM Technology Corporation: “AECOM San Diego Gas & Electric (SDGE) Seed Testing - CNF EPM Restoration (Part 2),” $19,990
U.S. Department of Defense U.S. Navy: “Dune Restoration at Naval Base Coronado and Pollinator Study at Naval Auxiliary Landing Field San Clemente Island,” $82,989
San Diego River Conservancy: “Alvarado Creek Bed Fire Fuel Reduction,” $656,815

Chemistry & Biochemistry

Dr. Rees Garmann
Total: $268,207
National Institute of General Medical Sciences: “Mapping the Assembly Pathways for Viral Capsids by Direct Single-particle Measurements,” $268,207

Dr. Douglas Grotjahn
Total: $219,605
**Dr. Jeffrey Gustafson**  
*Total: $751,212*

National Institute of General Medical Sciences:  
“MIRA: Atropisomerism as a Means to Increase Target Selectivity and as Inspiration for New Chemistry,” $376,250;  
“MIRA: Atropisomerism as an Inspiration for Drug Discovery and New Chemistry,” $374,962

**Dr. Christopher Harrison**  
*Total: $55,000*

National Aeronautics and Space Administration:  
“Identification and Detection of Chemical Traces of Past Life in Planetary Rocks,” $55,000

**Dr. Gregory Holland**  
*Total: $416,522*

U.S. Department of Defense Air Force Office of Scientific Research:  
“Hierarchical Assembly of Spider Silk Proteins: Exploring Structural Biology of Biomaterials from the Atomic to the Mesoscale,” $300,417  
U.S. Department of Defense U.S. Army:  
“Developing Aciniform Spider Silk Biomaterials with Unique Structural Transitions and Properties,” $116,105

**Dr. Tom Huxford**  
*Total: $161,041*

California Metabolic Research Foundation:  
“Arne N. Wick Fellowship - Ryan Holmberg,” $24,469;  
“Matching Funds for the Purchase of an EM Grid Plunge Freezing Instrument,” $16,572  
Rees-Stealy Research Foundation:  
“Rees-Stealy Research Foundation Phillips Gausewitz, M.D., Scholars,” $120,000

**Dr. Youngkwang Lee**  
*Total: $338,999*

National Science Foundation:  
“CAREER: Mechanisms Controlling Signaling Reactions on Membranes Through Molecular Assembly at Multiple Length Scales,” $338,999

**Dr. Byron Purse**  
*Total: $15,940*

National Science Foundation:  
“Fluorescent Nucleosides and Oligonucleotides with New Capabilities,” $15,940

**Dr. Diane Smith**  
*Total: $181,258*

University of Utah:  
“National Science Foundation Center for Synthetic Organic Electrochemistry,” $181,258

**Dr. Christal Sohl**  
*Total: $453,660*

National Institute of General Medical Sciences:  
“Isocitrate Dehydrogenase (IDH) Mutations as Drivers of Organelle Stress and Dysfunction,” $453,660

**Dr. Manal Swairjo**  
*Total: $969,907*

National Institute of General Medical Sciences:  
“RNA Modification: Mechanism and Links to Other Metabolic Pathways,” $861,187  
University of Florida:  
“Study of Queuosine Salvage and Function in Eukaryotes: A Forgotten Micronutrient,” $108,720

**Dr. Yong Yan**  
*Total: $487,531*

U.S. Department of Energy National Renewable Energy Laboratory:  
“Center for Hybrid Organic-Inorganic Semiconductors for Energy,” $75,000  
National Science Foundation:  
“CAREER: Tuning Perovskite with Transition Metal Cation-Exchange/Doping Towards Photoredox Complex Organic Synthesis,” $412,531

Graduate student, Isaaq Marquez (left) and Postdoctoral scholar, Dr. Mowaffaq Adam (right) are exploring the kinetic, structural, and cellular consequences of mutations in enzymes that drive tumor growth.  
Photo courtesy of Clara Bard

Doctoral student, Yizong Lin, postdoctoral researcher, Anthony Burt, and Dr. Yan discuss perovskite photocatalysis in the lab.  
Photo courtesy of Chris Leap
Computer Science

Dr. Xiaobai Liu
Total: $199,691

Dr. Shangping Ren, Ms. Patricia Kraft, Dr. Marie Roch, and Dr. Roger Whitney
Total: $60,000
Northeastern University: “Innovations to Increase Women in Computing,” $60,000

Dr. Marie Roch
Total: $232,081
Human Frontier Science Program Organization: “Communication and the Coordination of Collective Behavior Across Spatial Scales in Animal Societies,” $42,970

Dr. Marie Roch and Dr. Xiaobai Liu
Total: $148,854

Dr. Samantha Bova
Total: $307,029
National Science Foundation: “Leveraging Models and Data to Identify and Remove Seasonal Biases in Marine Proxy Records,” $307,029

Geological Science

Dr. Samantha Bova
Total: $307,029
National Science Foundation: “Leveraging Models and Data to Identify and Remove Seasonal Biases in Marine Proxy Records,” $307,029

Dr. Shuo Ma
Total: $24,500
University of Southern California: “Generation of Broadband Ground Motion from Dynamic Rupture Simulations: A Group (#21010),” $24,500

Dr. Jillian Maloney
Total: $116,800
University of Nevada Desert Research Institute: “Archaeological Research in Willamette Valley,” $116,800

Dr. Kim Olsen
Total: $92,651
University of Southern California: “Southern California Earthquake Sequence Center (SCEC) Broadband Platform (BBP) Enhancement: Event Approval System (EAS) Scenario and Ridgecrest Sequence Validation (#21110),” $25,984

Dr. Matthew Weingarten
Total: $30,000
University of Southern California: “Can a Lack of Lake Loading Explain the Earthquake Drought on the Southern San Andreas Fault?” $30,000

Dr. Jerome Gilles
Total: $90,199

Dr. Kyle Hasenstab
Total: $10,000
University of Washington: “Signal Intensity Trajectories for Multi-class Liver Segmentation,” $10,000

Dr. Joanne Lobato
Total: $784,282
National Science Foundation: “Developing and Investigating Unscripted Dialogic Mathematics Videos,” $784,282

Dr. Antoni Luque Santolari
Total: $100,670
National Science Foundation: “Characterization and Prediction of Viral Capsid Architectures Geometries,” $100,670
Dr. Antonio Palacios  
**Total: $199,080**  
U.S. Department of Defense Naval Information Warfare Center (NIWC): “Synchronization of Nonlinear Oscillators and Nonlinear Signal Reconstruction,” $199,080

Dr. Daniel Reinholz  
**Total: $24,663**  

Dr. Osvaldo Soto  
**Total: $165,000**  
College Futures Foundation: “Discrete Math Project Collaborative: Developing a Plan for Sustainability,” $100,000
Jewish Community Foundation San Diego: “Math for America San Diego 2021-22,” $15,000

Dr. William Zahner  
**Total: $253,051**  
University of Rochester Warner School of Business: “Exploring Demands from Perspectives of Multiple Stakeholders When Enacting Inquiry-based Mathematics in High-needs Settings,” $253,051

Dr. Matthew Anderson, Dr. Janet Bowers, and Dr. Dustin Thoman  
**Total: $849,786**  
National Science Foundation: “Seeing Virtually: Toward a Vision of Teaching Physics in 3-D Space,” $849,786

Dr. Calvin Johnson  
**Total: $473,692**  
U.S. Department of Energy Office of Science: “Nuclear Forces, Structures, and Transitions: Computational Studies,” $210,000
Faster Logic LLC: “Quantum Emulation Co-processor Circuit Card Using Analog and Digital Electronics,” $32,296
General Atomics Corporation: “Quantum Emulation of Fusion of Light Nuclei,” $38,725

Dr. Rodrigo Navarro Perez, Dr. Calvin Johnson, and Dr. Fridolin Weber  
**Total: $200,000**  
U.S. Department of Energy Office of Science: “HADRONS: Helping Amplify Diversity and Research Opportunities in Nuclear Science,” $200,000

Dr. Kenneth Nollett  
**Total: $75,000**  
U.S. Department of Energy Office of Science: “Quantum Monte Carlo and Fewer-body Approaches to Scattering, Reactions, and Related Properties of Nuclei,” $75,000

Dr. Usha Sinha  
**Total: $69,313**  
University of California at San Diego: “Role of the Extracellular Matrix in Age-Associated Force Loss: Integrating Imaging, Biochemistry and Multi-Scale Mesh-free Modeling,” $69,313

Dr. Milton Torikachvili  
**Total: $39,286**  

From left to right: Master’s students Kris McBrian and Mandy Bowman work on Dr. Johnson's General Atomics project; Ph.D. student Antonio Cobarrubia assists with the Faster Logic project. Photo courtesy of Calvin Johnson.
Dr. Elva Arredondo
Total: $17,612
Baylor School of Medicine: "Efficacy Trial of a Program for Weight Loss for Hispanic Fathers and Increased Physical Activity for Their Children: ‘Healthy Dads, Healthy Kids’,” $17,612

Dr. Aaron Blashill
Total: $46,000
National Science Foundation: “Body Image Threat Responsivity in Gay and Heterosexual Men: The Role of Physiological Reactivity - Fellowship A. Convertino,” $46,000

Dr. Sheila Castaneda
Total: $56,368
University of California at San Diego: “ColoRectal Cancer (CRC)-HUB-SPOKE: A ColoRectal Cancer Screening Hub for Southern California Community Health Centers,” $56,368

Dr. Theresea Cronan
Total: $474,490

Dr. Inna Fishman
Total: $175,920
Autism Speaks: “Longitudinal Differentiation and Organization of Auditory Cortex in Young Children with Autism Spectrum Disorder (ASD) - B. Chen,” $40,000

Dr. Linda Gallo
Total: $2,680,172
University of California at San Diego: “BRain Aging and Cognition in Epilepsy (BRACE): A Longitudinal Investigation of Vascular, Genetic, and Biomarker Risk Profiles in Elderly Patients with Epilepsy,” $24,124

Dr. Jonathan Helm
Total: $849,751
University of Illinois at Chicago: “Hispanic Community Health Study/Study of Latinos Hispanic Community Health Study/Study of Latinos (HCHS/SOL) Ancillary Study (AS) on Coronary Artery Calcium and Its Association with Protective/Risk Factors and Epigenetic Patterns,” $340,782

Dr. Mathew Korula
Total: $37,417

Dr. Tristen Inagaki
Total: $1,058,932

Dr. Emily Kappenman
Total: $50,636

Psychology

Dr. Elva Arredondo
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Baylor School of Medicine: "Efficacy Trial of a Program for Weight Loss for Hispanic Fathers and Increased Physical Activity for Their Children: ‘Healthy Dads, Healthy Kids’,” $17,612

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Dr. Mathew Korula
Total: $37,417

Dr. Tristen Inagaki
Total: $1,058,932

Dr. Emily Kappenman
Total: $50,636
Dr. Annika Linke  
**Total: $752,268**  
U.S. Department of Defense U.S. Army:  
“Atypical Thalamocortical Connectivity and Its Relationship to Sleep Problems and Sound Processing in Young Children with Autism Spectrum Disorders,”  
**$752,268**

Dr. Vanessa Malcarne  
**Total: $47,000**  
National Science Foundation:  
“Emotion Regulation and Weight Stigma: An Experimental Test of the Effect of Reappraisal and Suppression on Negative Emotion and Cortisol Reactivity,”  
**$47,000**

Rheumatology Research Foundation:  
“Psychometric Evaluation and Measurement Invariance of the UCLA Loneliness Scale in English and French in SSc Patient Population,”  
**$1,000**

Dr. Ksenija Marinkovic  
**Total: $35,465**  
National Institute on Alcohol Abuse and Alcoholism:  
“Multimodal Imaging of Cognitive Control in Individuals with a Family History of Alcoholism: J. Happer,”  
**$35,465**

Dr. Georg Matt  
**Total: $1,455,586**  
California Tobacco-Related Disease Research Program:  
“Engaging Communities in the Tobacco Endgame: Mapping Tobacco Product Litter in the Neighborhood,”  
**$376,187**;  
“Exposure to Tobacco, E-Cigarette, and Marijuana Use in Multi-Unit Housing,”  
**$188,125**;  
“Predicting Environmental Waste from Tobacco, Electronic Cigarette, and Marijuana Products,”  
**$376,036**

University of Cincinnati:  
“Distinguishing Exposure to Secondhand and Thirdhand Tobacco Smoke and Electronic Cigarettes Among U.S. Children Based on Multiple Biomarker Profiles,”  
**$20,164**

Rebeca Jimenez, a Research Specialist with MERG, not only collects data during her work hours, but she also volunteers her time at events such as, *I Love a Clean San Diego.*  
Photo courtesy of Measurement and Evaluation Research Group

Dr. Sarah Mattson  
**Total: $446,220**  
National Institute on Alcohol Abuse and Alcoholism:  
“A Multisite Neurobehavioral Assessment of Fetal Alcohol Spectrum Disorders,”  
**$446,220**

Dr. Eileen Moore  
**Total: **$47,146  
National Institute on Alcohol Abuse and Alcoholism:  
“Brain Structure in Adults with Fetal Alcohol Spectrum Disorders (FASD) - L. Aguilar Diversity Supplement,”  
**$47,146**

Dr. Claire Murphy  
**Total: $576,019**  
National Institute on Aging:  
“Olfactory and Visual Dysfunction as Potential Predictors of Preclinical Alzheimer's Disease,”  
**$576,019**

Dr. Ralph Axel Mueller  
**Total: $84,915**  
National Institute of Mental Health:  
“Auditory Precursors of Language Delay in Toddlers with Autism Spectrum Disorders,”  
**$84,915**

Dr. Edward Riley  
**Total: $733,707**  
National Institute on Alcohol Abuse and Alcoholism:  
“Alcohol Research in the Science/Practitioner Model,”  
**$497,363**;  
“Smartphone-based Application to Assist in the Screening/Diagnosis of Fetal Alcohol Spectrum Disorder (FASD),”  
**$216,344**

University of California at San Diego:  
“Administrative Support for National Institute on Alcohol Abuse and Alcoholism (NIAAA) T32 Alcohol Research Training Grant,”  
**$20,000**

Dr. Edward Riley and Dr. Susan Tapert  
**Total: $462,172**  
National Institute on Alcohol Abuse and Alcoholism:  
“Alcohol Research in the Science/Practitioner Model,”  
**$462,172**

Dr. Scott Roesch  
**Total: $94,926**  
University of California at San Diego:  
“System of Care Evaluation (SOCE),”  
**$94,926**
Dr. Gregory Talavera  
Total: $1,922,072

Columbia University: “Collaborative Cohort of Cohorts for COVID Research (C4R),” $234,786

National Heart, Lung, and Blood Institute: “Hispanic Community Health Study/Study of Latinos (HCHS/SOL),” $1,331,768

Northern California Institute for Research and Education: “Non-Alcoholic Fatty Liver Disease and Cardiovascular Disease in Hispanics/Latinos,” $122,155

Regents of the University of California: “Randomized Control Trial to Reduce Sitting Time in Postmenopausal Latina Women at Increased Risk for Heart Disease,” $35,902


Dr. Gregory Talavera and Dr. Linda Gallo  
Total: $608,788

National Center on Minority Health and Health Disparities: “Latinos Understanding the Need for Adherence in Diabetes Using Care Coordination, Integrated Medical and Behavioral Care and E-Health (LUNA-E),” $608,788

Dr. Dustin Thoman, Dr. Christal Sohl and Dr. Miguel Villodas  
Total: $897,310

National Science Foundation: “Broadening Participation and the Culture of Undergraduate Research Experiences,” $897,310

Dr. Jennifer Thomas  
Total: $355,867

National Institute on Alcohol Abuse and Alcoholism: “Fetal Alcohol Effects and Choline Intervention,” $330,942; “Fetal Alcohol Spectrum Disorders Study Group Annual Meeting,” $24,925

Dr. Miguel Villodas  
Total: $109,378

National Science Foundation: “In Search of Mechanisms Underlying Parental Maltreatment History and Parenting (Fellowship - K. Hong),” $46,000; “Neurocognitive and Physiological Mechanisms in the Intergenerational Impact of Maltreatment- N. Morelli,” $46,000


Dr. Vanessa Robin Weersing  
Total: $354,188

Children’s Hospital Los Angeles: “A Sequential Multiple Assignment Randomized (SMAR) Trial Assessing Medication and Cognitive Behavioral Therapy (CBT) Sequencing Strategies in the Treatment of Predominantly Ethnic Minority, Underserved Youth with Anxiety Disorders,” $29,634

National Institute of Mental Health: “Video-visit Behavior Therapy for Anxiety and Depression in Youth: A Randomized Effectiveness-implementation Study in Low-resource Primary Care Settings,” $324,554

Dr. Kristen Wells  
Total: $163,886

Moffitt Cancer Center: “A Stepped-Care Psychosocial Intervention for Brain Tumor Family Caregivers,” $14,735

University of Arizona: “Ethnicity and Lung Cancer Survival: A Test of the Hispanic Sociocultural Hypothesis,” $9,482

University of Virginia: “Smart and Connected Health (SCH):INT: Collaborative Research: Multiscale Modeling and Intervention for Improving Long-Term Medication,” $139,669

Dr. Jillian Wiggins  
Total: $1,080,350

## INTERDISCIPLINARY PROGRAMS

<table>
<thead>
<tr>
<th>Program</th>
<th>Funders</th>
<th>Total</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Aeronautics and Space Administration</td>
<td>Dr. Daniel Sousa, Dr. Trent Biggs, and Dr. Natalie Mladenov</td>
<td>$199,999</td>
<td>“Hyperspectral Remote Sensing of Estuarine and Inland Water Quality: Empirical Line Method-based Atmospheric Correction and Data Fusion with Manifold Learning,” $199,999</td>
</tr>
<tr>
<td>U.S. Department of Commerce National Oceanic and Atmospheric Administration</td>
<td>Dr. Hilary McMillan, Dr. Trent Biggs, Dr. Alicia Kinoshita, Dr. Natalie Mladenov, Dr. Hassan Tavakol-Davani, and Dr. Megan Welsh</td>
<td>$293,846</td>
<td>“Missing the Main Load? Quantifying Marine Debris Loadings from Storm Drain and River Margin Sources in the San Diego River,” $293,846</td>
</tr>
<tr>
<td>Environmental Protection Agency</td>
<td>Dr. Trent Biggs and Dr. Natalie Mladenov</td>
<td>$116,875</td>
<td>“Real-time Monitoring of Water Quality in the Tijuana River,” $116,875</td>
</tr>
<tr>
<td>National Institute of Nursing Research</td>
<td>Dr. Chukuka Enwemeka and Dr. Violet Bumah</td>
<td>$451,500</td>
<td>“SDSU Faculty Unified Towards Excellence in Research and Transformational Engagement (FUERTE): Faculty United Towards Excellence in Research and Transformational Engagement,” $451,500</td>
</tr>
<tr>
<td>CareWear Corporation</td>
<td>Dr. Frank Harris, Dr. Marissa Vasquez, and Dr. J. Luke Wood</td>
<td>$149,998</td>
<td>“Effect of Blue Light on Propionibacterium Acnes: Time-kill Studies II,” $149,998</td>
</tr>
<tr>
<td>The Bill and Melinda Gates Foundation</td>
<td>Dr. Saeed Manshadi and Dr. Erlinde Cornelis</td>
<td>$776,459</td>
<td>“The Community College Equity Assessment Lab (CCEAL) Capacity Building,” $776,459</td>
</tr>
<tr>
<td>Cleantech San Diego</td>
<td>Dr. Noe Crespo and Dr. Elisa Sobo</td>
<td>$75,000</td>
<td>“Southern California Energy Innovation Network 2.0,” $75,000</td>
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<tr>
<td>Johns Hopkins University</td>
<td>Dr. Maria Zuniga, Dr. Eileen Pitpitan, and Dr. Mark Reed</td>
<td>$451,500</td>
<td>“The Community's Role in an Equitable and Effective COVID-19 Vaccine Rollout,” $451,500</td>
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<tr>
<td>National Science Foundation</td>
<td>Dr. Chukuka Enwemeka and Dr. Violet Bumah</td>
<td>$19,186</td>
<td>“Effect of Blue Light on Propionibacterium Acnes: Time-kill Studies II,” $19,186</td>
</tr>
<tr>
<td>Bill and Melinda Gates Foundation</td>
<td>Dr. Saeed Manshadi and Dr. Erlinde Cornelis</td>
<td>$776,459</td>
<td>“The Community College Equity Assessment Lab (CCEAL) Capacity Building,” $776,459</td>
</tr>
</tbody>
</table>
Dr. Hala Madanat and Dr. Richard Cripps  
Total: $1,846,717

National Cancer Institute: “2/2 SDSU/UCSD Cancer Center Comprehensive Partnership,” $750,000; “2/2 SDSU/UCSD Cancer Partnership,” $1,096,717

Dr. Guadalupe X. "Suchi" Ayala and Dr. Kristen Wells  
Total: $3,828,873

National Center on Minority Health and Health Disparities: “SDSU HealthLINK Center for Transdisciplinary Health Disparities Research,” $3,828,873

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

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

Dr. Noe Crespo, Dr. Richard Cripps, and Dr. Hala Madanat  
Total: $299,998


Dr. Chris Rasmussen, Dr. Joanna Brooks, Dr. Susan Nickerson, Dr. Michael O'Sullivan, and Dr. Mary Pilgrim  
Total: $45,311


Mr. Thomas Zink, Dr. Alicia Kinoshita, and Dr. Natalie Madenov  
Total: $467,691

San Diego River Conservancy: “Revegetation, Water Quality, Hydrology, and Bioassessment in Alvarado Creek,” $467,691

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

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

Dr. Kristen Wells and Dr. Susan Kiene  
Total: $574,999

University of California at Los Angeles: “Share, Trust, Organize, Partner: The COVID-19 California Alliance (STOP COVID-19 CA) - Phase 1,” $460,000; “Share, Trust, Organize, Partner: The COVID-19 California Alliance (STOP COVID-19 CA) – Supplement,” $114,999

Dr. Susan Nickerson, Dr. Janet Bowers, and Dr. Randolph Philipp  
Total: $362,518

National Science Foundation: “UPTEMPO: Upgrading the Path to Mathematics Teaching by Adding Express and MultiPle On-ramps,” $362,518

Dr. Aaron Elkins, Dr. Eric Frost, Dr. Lance Larson, and Dr. Bongsik Shin  
Total: $243,498


Dr. Mark Wheeler and Dr. Grace Cheng  
Total: $34,995

National Endowment for the Humanities: “Human Rights and Border Studies Interdisciplinary Minor,” $34,995

Dr. Mark Wheeler and Dr. Miguel-Angel Zavala-Perez  
Total: $74,999

California Air Resources Board: “Imperial Valley Community-focused Collaborative Research Plan,” $74,999
Ms. Pamela Jackson and
Dr. Elizabeth Pollard
Total: $149,305

Institute of Museum and Library Sciences:
“Building Capacity for Research and
Teaching with Comics and Graphic Art,”
$149,305
ACADEMIC AFFAIRS

**AWARD TOTAL: $159,802**

*Dr. Salvador Hector Ochoa, Provost*

Division of Faculty Advancement and Student Success

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**SDSU**

**Global Campus**

**AWARD TOTAL: $446,711**

*Dr. Karen S. Myers-Bowman, Interim Dean*

Office of the Dean

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Dr. Salvador Hector Ochoa, Provost

Division of Faculty Advancement and Student Success

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City of Lemon Grove: “Sage Project: Lemon Grove Climate Action Plan,” $15,000

San Diego Urban Sustainability Coalition: “Sustainable and Equitable Development in Southeast San Diego,” $43,649

Sempra Energy Foundation: “Sage Project - Lemon Grove Climate Action Partnership,” $25,000

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HackerUSA, Inc.: “Cybersecurity Bootcamp,” $277,362

Saudi Arabian Cultural Mission: “2021 Fall,” $13,000; “2022 Spring,” $15,695

Institute of International Education: “Fulbright English for Graduate Studies Program,” $140,654
UNIVERSITY LIBRARY

AWARD TOTAL: $1,500

Dr. Scott Walter, Dean

Library and Information Access

Ms. Margaret Henderson
Total: $1,500

University of Washington: “Collection Equity Outreach Awards,” $1,500
Agnes Wong Nickerson, Vice President for Business and Financial Affairs & CFO

Dr. Jessica C. Rentto
Total: $204,500

California Office of Emergency Services: "Campus Sexual Assault (CT) Program," $204,500
INFORMATION TECHNOLOGY DIVISION

AWARD TOTAL: $1,000

Dr. Jerry Sheehan, Vice President & Chief Information Officer

Instructional Technology Services

Dr. Sean Hauze
Total: $1,000

Alliance Healthcare Foundation: “Virtual Immersive Teaching and Learning (VITaL),” $1,000
AWARD TOTAL: $5,584,397

Ms. Deanna Mackey, General Manager

Mr. Vince Petronzio
Total: $3,603,256


Ms. Trisha Richter
Total: $1,981,141


California Humanities: “Port of Entry Podcast,” $50,000

Ms. Trisha Richter cont.
City of San Diego Commission for Arts & Culture: “One Book, One San Diego,” $16,194

Dr. Seuss Foundation: “One Book One San Diego for Kids and Teens,” $25,000

James Irvine Foundation: “Social Equity Desk,” $220,000

Media Arts Center San Diego: “Speak City Heights,” $110,856

San Diego State University: “Margaret A. Cargill Philanthropies Combined 2021,” $1,201,391

WGBH Educational Foundation: “NOVA Science & Society Yr 2,” $14,500


2021 One Book selections
Photo courtesy of KPBS
AWARD TOTAL: $1,717,365

Dr. Hala Madanat, Vice President

Dr. John Crockett
Total: $1,491,615

U.S. Department of Defense Naval Information Warfare Center (NIWC): “Analytical and Technical Support Services from Undergraduate and Graduate Students at Educational Institutions,” $118,202; “Development of New Microbial Fuel Cell Technologies,” $175,082


AWARD TOTAL: $1,231,947

Dr. J. Luke Wood, Vice President

Office of the Vice President

Ms. Jessica Nare
Total: $600,000
San Diego Housing Commission: “Guardian Scholar Program,” $600,000

Student Ability Success Center

Ms. Erica Aros
Total: $527,110
California Department of Rehabilitation: “San Diego State University WorkAbility IV,” $192,000
U.S. Department of Education Office of Postsecondary Education: “Student Support Services Project for Students with Disabilities,” $335,110

Workability IV Team: (Left) Pearl Burgin, Disability Career Counselor; (Right) Angela Bayne, Workability IV Coordinator/Career Counselor; (Not pictured) Shannon Williams Morris, Workability IV Program Assistant.
Photo courtesy of Peter Vu

Student Health Services

Dr. James Lange
Total: $55,338
The Ohio State University: “Impaired Driving Prevention Among Young Adults,” $39,976; “Misuse Prevention and Recovery,” $15,362