Ph.D. Collaboration with UC Irvine Advances Computational Science

The degree program will train students to work across teams and disciplines to help solve critical problems. Read more.

New App Promotes Equity in the Classroom

Co-created by SDSU professor Daniel Reinholz, the app also helps teachers be more intentional when eliciting student participation. Read more. (Also, listen to his interview with KPBS)
Whale of a Job: Slicing Into a Story of Evolution

A biology graduate student's research on prenatal humpbacks illustrates the great lengths to which researchers go to achieve small steps. Read more.

SDSU Scientists Find New Way to Study Aggressive Form of Cancer

A persistent graduate student and fellow researchers have created a blueprint for scientists to study a cancer mutation in animal models. Read more.
The Number of Women Directing Top Hollywood Films Declined

_Time_ magazine looks at SDSU's annual Celluloid Ceiling report, which found the number of female directors declined in 2018.

Turret Spiders Launch Sneak Attacks From Tiny Towers

In a captivating video, _KQED_ looks at research by SDSU professor Marshal Hedin and colleagues that uncovers some of the mysteries of the California turret spider.

The Administration is Driving up Citizenship Applications

_The Economist_ cited research co-authored by SDSU professor Catalina Amuedo-Dorantes that found tougher immigration enforcement increased the likelihood that a legal permanent resident would start the naturalization process.

SDSU researchers blindfold rattlesnakes to study night navigation

Fox 5 San Diego reports on an SDSU project to study which senses a rattlesnake uses to move in darkness.

Featured Videos

Biology professor Luke Miller was recently in Alaska to study the impact of climate change on organisms that live in intertidal tide pools. He shared a few photos and a brief cellphone video with us, and we were able to make a short video for social platforms like Twitter and Facebook. The video was widely shared and viewed. Faculty, when you're in the field, please consider sending media (images/video/audio) to our communications director.
ZIP Launchpad, SDSU's start-up incubator, is accepting applications from students, faculty and staff looking for help starting businesses.

Consider being a judge for the 2019 Student Research Symposium. The event takes place on March 1 and 2, and some 500 students plan on participating. Email Director of Undergraduate Research Lisa Kath if you are interested.

SDSU's Center for Communication, Health, & the Public Good is hosting an event on "Health Communication, Social Media, & Misinformation" at Scripps Cottage on February 7th at 3 p.m. Sylvia Chou, a program officer at the National Cancer Institute, will be presenting at the event. RSVP by January 31st.
Nara, Atsushi  
Encoding Geography: Building Capacity for and Broadening Participation in Spatial Computational Thinking with Geospatial Technologies  
Association of American Geographers  
$99,991  
College of Arts & Letters

Imazeki, Jennifer  
Transforming College Teaching: Statewide Implementation of the Faculty Learning Program  
University of California at Berkeley  
$4,874  
College of Arts & Letters

Mladenov, Natalie  
"WERF: Enhanced evaluation of the removal of contaminants of emerging concern in decentralized water reuse systems by non-targeted analysis"  
Water Research Foundation  
$25,000  
College of Engineering

Talavera, Gregory  
New York Regional Center for Diabetes Translation Research  
Albert Einstein College of Medicine  
$33,566  
College of Health & Human Services

Oren, Eyal  
A randomized cross-over clinical trial of unfiltered cigarettes  
California Tobacco Related Disease Research Program  
$9,079  
College of Health & Human Services

Torre, Peter  
HIV/AIDS Cohort Study (PHACS) Data and Operations Center (DOC)  
Harvard University  
$24,647  
College of Health & Human Services

Penn, Tanya E  
Kaiser Foundation Hospital - 2019 Community Health Needs Assessment  
Kaiser Foundation Research Institute  
$35,000  
College of Health & Human Services

Schiaffino, Melody K  
Characterizing the Quality of Care for Cancer Patients with Co-occurring Dementia/AD  
University of California at San Diego  
$30,000  
College of Health & Human Services

Quintana, PJE  
Impacts of Thirdhand Smoke on Public Health- TRDRP  
University of California at San Francisco  
$14,021  
College of Health & Human Services

Sinha, Usha  
Physics Role of the Extracellular Matrix in Age-Associated Force Loss: Integrating Imaging, Biochemistry and Multi-Scale Mesh-free Modeling  
University of California at San Diego  
$48,449  
College of Sciences
Larson, Lance
Defensive Cyberspace Operations Research, Development, Testing, Engineering, Integration, Maintenance, and Production Support
Vector Planning & Services, Inc
$459
College of Sciences

Lauer, Matthew An
Multi-Scale Dynamics of Coral Reef Fisheries: Feedbacks Between Fishing Practices, Livelihood Strategies, and Shifting Dominance of Coral and Algae
University of California at Santa Barbara
$165,583
College of Arts & Letters

Sax, Caren
17/18 EFRC Spanish Phone Calls/Faxes & English Faxes
San Diego/Imperial Counties Developmental Services Inc
$20,379
College of Education

Sax, Caren
2019 EFRC Spanish Phone Calls/Faxes & English Faxes
San Diego/Imperial Counties Developmental Services Inc
$79,092
College of Education

Mi, Chunting C
Planning Grant: Engineering Research Center for Comprehensive Energy Storage Solutions in Electrified Transportation (CESSET) University of Michigan
$7,000
College of Engineering

Hooshmand, Shirin / Kern, Mark
Effect of Dried Plum on Bone and Markers of Bone Status in Osteopenic men
California Dried Plum Board
$65,000
College of Health & Human Services

McDaniels, Corinne
MCC CancerDAT - Additional Indicators
University of California at San Diego
$22,000
College of Health & Human Services

Zink, Thomas A
Rancho Jamul Grass Farm Project
California Department of Fish and Wildlife
$13,923
College of Sciences

Carper, Ruth A Psychology
Characterizing topographically variable dysplasias in individuals with ASDs
Simons Foundation
$167,272
College of Sciences

Reinholz, Daniel
Departmental Action Teams: Sustaining Improvements in Undergraduate STEM Education Through Faculty Engagement
University of Colorado Boulder
$215,603
College of Sciences

Oechel, Walter
Satellite Data Driven Model Assessment of Landscape Variability and Environmental Controls on
the Arctic-Boreal Carbon Budget
University of Montana
$20,000
College of Sciences

Hornberger, Steven / Popovic, Kevin R
Behavioral health services design thinking consultation
San Diego County Health and Human Services Agency
$97,836
Interdisciplinary programs

Hushen, W Timothy
Student Support Services
DOD Space and Naval Warfare Systems Command
$24,040
Office of Graduate and Research Affairs

Hushen, W Timothy
Student Support Services
DOD Space and Naval Warfare Systems Command
$21,115
Office of Graduate and Research Affairs

Johnson, Joseph F
CGEP Statewide Office CSMP
University of California Office of the President
$172,895
College of Education

Hooker, Steven P
The HOMBRE trial: Comparing two innovative approaches to reduce chronic disease risk among Latino men
Stanford University
$17,304
College of Health & Human Services

Torre, Peter
Pediatric HIV/AIDS Cohort Study III (PHACS)
Tulane University
$12,164
College of Health & Human Services

Castaneda, Sheila F
1/2 SDSU/UCSD Cancer Center Comprehensive Partnership
University of California at San Diego
$51,780
College of Health & Human Services

Boothroyd, Arthur
A Realtime, Open, Portable, Extensible Speech Lab
University of California at San Diego
$71,717
College of Health & Human Services

Larson, Lance
Defensive Cyberspace Operations Research, Development, Testing, Engineering, Integration, Maintenance, and Production Support
Vector Planning & Services, Inc
$1,874
College of Sciences

Fuentes-Ferreiro, Suzanna
ELS Certification
AMCO International Education Services, LLC
$11,455
Hushen, W Timothy  
Student Support Services  
DOD Space and Naval Warfare Systems Command  
$9,983  
Office of Graduate and Research Affairs

Kamper, David  
Impact of Nonsmoking Constraints on Tribal Casino Operations  
California Department of Public Health  
$208,176  
College of Arts & Letters

Bouchard, Norma  
Interactive Chinese calligraphy machine and Chinese bell set  
San Diego County Auditor and Controller  
$56,000  
College of Arts & Letters

Vasquez Urias, Marissa / Harris, Frank  
CCEAL - Napa Valley College  
Napa Valley College  
$18,000  
College of Education

Fisher, Douglas  
Educational Leadership  
University Principal Preparation Initiative 2018 – 2020  
The Wallace Foundation  
$1,390,000  
College of Education

Talavera, Gregory  
Hispanic Community Health Study/Study of Latinos (HCHS/SOL)  
DHHS National Heart Lung and Blood Institute  
$1,306,551  
College of Health & Hum Services

Asmus, Lisa  
Home to Health Program: Evaluation 2017 – 2020  
Family Health Centers of San Diego  
$10,000  
College of Health & Hum Services

Brodine, Stephanie  
NARCH Core  
Indian Health Council  
$8,156  
College of Health & Hum Services

Asmus, Lisa  
Strategic HIV Prevention Project Evaluation Services  
San Diego County Health and Human Services Agency  
$19,500  
College of Health & Hum Services

Martin, Estralita  
California State University Louis Stokes STEM Pathways and Research Alliance (CSU-LSAMP)  
(2018-2023)  
CSU Sacramento University Enterprises Inc  
$45,250  
College of Sciences
Olsen, Kim
3D Regional Wave Propagation with Q(f) in East Asia for North Korea Nuclear Tests
DOD Air Force Research Laboratory
$32,157
College of Sciences

Cranford, Ted
Deciphering Mysticete Audiograms Using a Prepared Skull
DOD Office of Naval Research
$182,041
College of Sciences

Shikuma, Nicholas
Elucidating the Role of Tailocins in Microbes from the Human Gut
DOD Office of Naval Research
$249,999
College of Sciences

Roch, Marie
Using Context to Improve Marine Mammal Classification
DOD Office of Naval Research
$437,257
College of Sciences

Zink, Thomas A
Processing 2018 GSOB/PHHB Specimens from Detachment Fallbrook
DOD Space and Naval Warfare Systems Command
$2,492
College of Sciences

Soto, Osvaldo D
Discrete Math Project
Gompers Preparatory Academy
$13,199
College of Sciences

Holland, Gregory P
Increasing the Complexity of Life at Silica Nanostructured Interfaces
National Aeronautics and Space Administration
$165,000
College of Sciences

Miller, Luke P
Collaborative Research: Context-dependency of top-down vs. bottom-up effects of herbivores on marine primary producers
National Science Foundation
$70,158
College of Sciences

Miller, Luke P
Collaborative Research: Effects of Multiple Aspects of Climate Change on Marine Biodiversity and Ecosystem Functioning
National Science Foundation
$92,028
College of Sciences

Johnson, Calvin
Quantum Computing for Nuclear Matrix Elements for Tests of Fundamental Symmetries
University of Wisconsin-Madison
$50,000
College of Sciences

Soto, Osvaldo D
Discrete Math Partnership
Vista Unified School District
$12,599
College of Sciences

Francis, John D
Small Business Enhancement Program FY 2019 Grant Application
City of San Diego
$15,000
Fowler College of Business

Hushen, W Timothy
Student Support Services
DOD Space and Naval Warfare Systems Command
$49,753
Office of Graduate and Research Affairs

Hushen, W Timothy
Student Support Services
DOD Space and Naval Warfare Systems Command
$57,915
Office of Graduate and Research Affairs

Hushen, W Timothy
Student Support Services
DOD Space and Naval Warfare Systems Command
$27,855
Office of Graduate and Research Affairs