SDSU Reports Shed Light on Women Behind the Scenes in Hollywood

Two reports from SDSU's Center for the Study of Women in Television and Film find that the number of women in key behind the scenes roles in Hollywood is growing, but that more progress is needed before they achieve equality with their male counterparts. One study found that just 34 percent of film reviewers in 2018-19 in the U.S. were women. Another report found that 33 percent of independent film directors that year were women. Read more here and here.
Researchers took photos of places where homeless people congregate and found the environment perpetuates stigma.

The San Diego Union Tribune covers findings from a team of SDSU researchers that discovered how subtle signs and actions in San Diego may be adding to the stigma of homelessness.

Why a California lawmaker wants to ban cigarette filters and disposable vapes.

CALmatters cites recent research from SDSU public health professor Thomas Novotny, who discovered that just a couple of smoked cigarette butts can kill fish.
Nutrition professor Surabhi Bhutani is on a quest to improve health by better understanding our sense of smell. The same chemical responses that make food enjoyable cause people to overeat, leading to health issues like obesity, heart disease and diabetes. Bhutani’s research aims to understand the biological link between smell and hunger.

SDSU’s Research Horizons series highlights early career faculty and their burgeoning research projects.

Recent Grants

**Clo, Clarissa**
Online Elementary Italian courses  
Institute of Italian Culture  
$3,316  
College of Arts & Letters

**Johnson, Joseph**
South Bay USD School & District Professional Learning Networks  
South Bay Union School District  
$100,000  
College of Education

**Mi, Chunting**
A Proposal of Foreign Object Detection (FOD) in Wireless Power Transfer Systems  
Kia Motors  
$217,052  
College of Engineering

**Rojo-Mendoza, Reynaldo**
Promoting Applied Research Capabilities, Evidence-Based Public Policy, and Dissemination of Best Practices on Citizen Security in Central America  
The City University of New York-John Jay College
$114,433
College of Professional Studies and Fine Arts

Cripps, Richard
Genetic Regulation of Muscle Fiber Diversity
DHHS National Institutes of Health
$324,911
College of Sciences

Kelley, Scott
Role of the Gut Microbiome in Polycystic Ovary Syndrome
University of California at San Diego
$44,306
College of Sciences

Jennings, Megan, Lewison, Rebecca
Non-invasive estimation of population parameters of a harvested mule deer population in San Diego County
San Diego County Fish and Wildlife Advisory Commission
$4,632
College of Sciences

Rohwer, Forest
Development of Isothermal Calorimeter to Measure Marine Microbial Activity
The Gordon and Betty Moore Foundation
$7,500
College of Sciences

Larson, Lance
Defensive Cyberspace Operations Research, Development, Testing, Engineering, Integration, Maintenance, and Production Support
Vector Planning & Services, Inc
$6,558
College of Sciences

Cronan, Thereasa
Frontiers in Aging and Regeneration Research
University of Pittsburgh
$12,641
College of Sciences

Guven, Halil
Georgia 5-Cohort and Operations
Government of Georgia
$10,505,476
Georgia Campus

Barlow, Jessica, Pruitt, Sonja
Manipulating linguistic complexity to improve child language treatment outcomes
DHHS National Inst on Deafness/Other Communication Disorders
$221,259
Interdisciplinary

Sax, Caren
High School SUCCESS: Vocational Soft Skills Program for Transition-Age ASD Youth
Rady Children's Hospital San Diego
$22,763
College of Education

Bani Younes, Ahmad
John V. Breakwell Student Travel Award Recipients
American Astronautical Society
$1,000
College of Engineering

Buono, Michael
Effect of combined hand warming and negative pressure on blood glucose and blood pressure
Avacen Inc
$32,064
College of Health & Human Services

**Talavera, Gregory**
Epidemiology of the Gut Microbiome, Pediabetes and Diabetes in Latinos
Albert Einstein College of Medicine
$22,023
College of Health & Human Services

**Talavera, Gregory**
Preconceptional Health of Latinas and its Association with Child Adiposity
University of North Carolina-Chapel Hill
$6,714.00
College of Health & Human Services

**Hoh, Eunha, Matt, Georg, Quintana, PJE**
Contribution of Thirdhand Smoke to Overall Tobacco Smoke Exposure in Pediatric Patients
Cincinnati Childrens Hospital
$286,534
College of Health & Human Services

**Bernstein, Sanford**
Defining Defects in Myosin Structure and Function That Cause Dominant Spondylocarpotarsal Synostosis
DHHS National Institutes of Health
College of Sciences
$165,550

**Phillips, Joy**
EP67 - Based Targeted Mucosal Vaccines to Prevent Primary Infection with CMV
University of Nebraska Medical Center
$30,098
College of Sciences

**Holland, Gregory**
The Molecular Mechanisms Responsible for the Assembly of Spider Silk Fibers
DOD Air Force Office of Scientific Research
$244,838
College of Sciences

**Maloney, Jillian**
Investigation of Blind Faults in the Sacramento-San Joaquin Delta - (Fellow: Shannon Klotsko)
California Sea Grant College Program
$8,708
College of Sciences

**Thomas, Jennifer**
Fetal Alcohol Effects and Choline Intervention
DHHS National Institute on Alcohol Abuse and Alcoholism
$353,338
College of Sciences

**Bernstein, Sanford, Tong, William**
SDSU Initiative for Maximizing Student Development (SDSU IMSD)
DHHS National Institute of General Medical Sciences
$529,847
College of Sciences

**Johnson, Joseph**
NCUST INSPIRE KERN CHARTER DISTRICT SUPPORT
Inspire Charter Schools
$138,125
College of Education
Johnson, Joseph
NCUST INSPIRE LOS ANGELES (HOPE) CHARTER DISTRICT SUPPORT
Inspire Charter Schools
$138,125
College of Education

Johnson, Joseph
NCUST INSPIRE SOUTH CHARTER DISTRICT SUPPORT
Inspire Charter Schools
$135,125
College of Education

Hong, Mee Young
Effects of fresh mango pulp consumption on satiety and cardiometabolic health: A randomized, cross-over, double-blind, placebo-controlled clinical trial
National Mango Board
$146,720
College of Health & Human Services

Tucker-Tatlow, Jennifer
CDSS APS 19/20
California Department of Social Services
$70,400
College of Health & Human Services

Canary, Heather, Dykstra, Tiffany, Lindemann, Kurt
Initiative for Strategic Communication and Learning
DOD US Marine Corps
$22,750
College of Professional Studies and Fine Arts

Olsen, Kim
Internship of Nan Wang at FM Global
FM Global
$20,880
College of Sciences

Olsen, Kim
Collaborative Research: Cross-Validation of Empirical and Physics-based ground motion predictions
National Science Foundation
$168,576
College of Sciences

Soto, Osvaldo
The SDSU/Sweetwater Discrete Math Project Collaborative: Scaffolding for Sustainability
College Futures Foundation
$290,000
College of Sciences

Sax, Caren
Customized Employment and Discovery Training, and CE Certification for Selected Agencies in Colorado from Vendor Marc Gold & Associates. Shared with WINTAC.
Colorado Department of Labor and Employment
$23,030
College of Education

Dowell, Robert
Swage Bulkhead Details Study
General Dynamics NASSCO
$72,654
College of Engineering

Baweja, Harsimran; Hong, Mee Young; Hooshmand, Shirin; Kern, Mark; Liu, Changqi
Impact of strawberries on cognitive and motor function and vascular and cardiometabolic risk markers in older healthy adults: A randomized, cross-over, double-blind, placebo-controlled
clinical trial
California Strawberry Commission
$73,206
College of Health & Human Services

**Torre, Peter**
Detect: A novel device to assess how HIV affects neurocognitive decline and postural instability in older adults at risk for Alzheimer’s Disease
University of California at San Diego
$30,095
College of Health & Human Services

**Burns, Kevin**
Collaborative Research: Admixture Mapping of a Hybrid Zone to Test Tinbergen’s Emancipation Hypothesis
NSF Directorate for Biological Sciences
$45,000
College of Sciences

**Edwards, Matthew**
Minimizing disturbance impacts by California vessel mooring systems on living rhodolith benthos in Catalina MPAs: an experimental assessment
California Sea Grant College Program
$32,752
College of Sciences

**Kalyuzhnaya, Marina**
Microbial Conversion of Greenhouse Gases into Fermentation-Ready
NSF Directorate for Engineering
$42,000
College of Sciences

**Oechel, Walter; Zona, Donatella**
Multi-scale Data Assimilation and Model Comparison for ABoVE to Identify Processes Controlling CO2 and CH4 Exchange and Influencing Seasonal Transitions in Arctic Tundra Ecosystems
Harvard University
$4,395
College of Sciences

**Maloney, Jillian**
Enabling Cost Effective Electricity from Ocean Waves: PMEC-SETS
Oregon State University
$16,549
College of Sciences

**Thoman, Dustin**
Promoting Motivation in Undergraduate Biology and Chemistry Courses
University of Wisconsin-Madison
$179,069
College of Sciences
military history education and research, and makes SDSU the only public university on the West Coast with an interdisciplinary program in modern U.S. military history.