

AMERICAN RECOVERY AND REINVESTMENT ACT



community. For example, Dr. Shelli McAlpine's ARRA award supports her work to develop potent anticancer agents. Dr. Constantine Tsoukas's ARRA-funded work could lead to the design of drugs to treat and manage lung allergies. A \$2.4 million "Grand Opportunities" award will allow Dr. Linda Gallo and her collaborators at the University of Miami, Northwestern University, Albert Einstein College of Medicine, and UNC/Chapel Hill to study sociocultural factors and cardiovascular disease risk in Hispanics.

SDSU researchers must demonstrate how their programs will help the government accomplish the goal of stimulating the economy. The Act imposes strict reporting requirements detailing how ARRA funds are spent, including an estimate of the number of jobs created and retained by the project or activity. Each SDSU ARRA-funded program will add or retain graduate students, undergraduate students and/or researchers. Forty-one employees have already been hired with ARRA funds, including 20 students who worked on summer research programs. These SDSU programs will address the federal goal of economic benefit and will also allow advances in SDSU's research infrastructure, instrumentation, and personnel.

NIH Challenge Grants

This competitive component of NIH's stimulus program attracted 21,000 proposals; four (12%) of SDSU's 34 Challenge Grant proposals have been funded - versus a national average of 3%. Dr. Mark Sussman received \$500,000 for his project on engineering cardiac progenitor cells to enhance myocardial regeneration. Professors Richard Hofstetter and Melbourne Hovell received \$499,514 to evaluate networking and alcohol consumption among recent immigrants. Dr. John Clapp and Dr. Susan Woodruff received \$495,564 for a screening/intervention for Latino and non-Latino white drug users. And Dr. James Lange's \$497,117 award will be used to develop brief communications about nutrition facts and alcohol content that a) individuals can use to monitor their consumption, b) can motivate them to drink moderately, and c) could be required within bar and restaurant menus by future policies.

More to Come....

Several equipment and construction grants have been submitted under ARRA guidelines to NIH and NSF requesting upgrades, refurbishing, and renovation of SDSU's research equipment, labs and facilities. Funds received would provide state-of-the-art research tools and training environments for SDSU faculty and students. Next year's *Research Report* will bring news about the outcome of these important applications.

Congratulations to all SDSU ARRA Awardees!

The following SDSU faculty have received stimulus funding:

Nader Amir, <i>psychology</i>	James Lange, <i>student health services</i>
Sanford Bernstein, <i>biology</i>	Phyllis-Jean Linton, <i>biology</i>
Jose Castillo, <i>computer science</i>	Stanley Maloy, <i>college of sciences</i>
Jianwei Chen, <i>mathematics and statistics</i>	Sarah Mattson, <i>psychology</i>
John Clapp, <i>social work</i>	Shelli McAlpine, <i>chemistry</i>
Thereasa Cronan, <i>psychology</i>	Monica Medina, <i>KPBS</i>
Steven Day, <i>geological sciences</i>	Claire Murphy, <i>psychology</i>
Kelly Doran, <i>biology</i>	Judy Reilly, <i>psychology</i>
Karen Emmorey, <i>speech language and hearing sciences</i>	Edward Riley, <i>psychology</i>
Linda Gallo, <i>psychology</i>	Eric Sandquist, <i>astronomy</i>
Gary Girty, <i>geological sciences</i>	Satish Sharma, <i>electrical and computer engineering</i>
Roberta Gottlieb, <i>biology</i>	Carleen Stoskopf, <i>public health</i>
Asa Gustafsson, <i>biology</i>	Mark Sussman, <i>biology</i>
Anita Harbert, <i>social work</i>	Jennifer Thomas, <i>psychology</i>
David Hayhurst, <i>engineering</i>	William Tong, <i>chemistry</i>
Richard Hofstetter, <i>political science</i>	Constantine Tsoukas, <i>biology</i>
Melbourne Hovell, <i>public health</i>	Elizabeth Waters, <i>biology</i>
George Jiracek, <i>geological sciences</i>	Fridolin Weber, <i>physics</i>
Elizabeth Klonoff, <i>psychology</i>	John Weeks, <i>geography</i>
	Susan Woodruff, <i>social work</i>
	Tao Xie, <i>computer science</i>

SPONSORS

The following sponsors funded many outstanding programs conducted by SDSU faculty and staff. Without sponsor resources, these programs and their significant contributions to our future could not occur. We thank our sponsors for their multi-faceted support, including their ideas, commitment, partnership, and enthusiasm, in addition to vital financial resources.

Federal Agencies

Administration on Children, Youth and Families
Air Force Office of Scientific Research
Air Force Research Laboratory
Army Research Laboratory
Bureau of Land Management

Camp Pendleton Civilian Leadership Development
Centers for Disease Control and Prevention
Centers for Medicare and Medicaid Services
Health Resources and Services Administration
Los Alamos National Laboratory
NASA Headquarters
National Aeronautics and Space Administration

National Cancer Institute
National Center for Research Resources
National Center on Minority Health and Health Disparities
National Endowment for the Humanities
National Eye Institute
National Heart, Lung and Blood Institute
National Institute of Allergy and Infectious Diseases

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 National Institute of General Medical Sciences
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 National Institute of Neurological Disorders and Stroke
 National Institute on Aging
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 National Institute on Deafness and Other Communication Disorders
 National Institute on Drug Abuse
 National Institutes of Health
 National Oceanic and Atmospheric Administration
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 National Security Agency
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 Rehabilitation Services Administration
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 U.S. Department of Energy
 U.S. Department of Health and Human Services
 U.S. Department of Justice
 U.S. Geological Survey

U.S. Marine Corps
 U.S. Navy

State & Local Government

California Air Resources Board
 California Breast Cancer Research Program
 California Department of Alcoholic Beverage Control
 California Department of Corrections
 California Department of Developmental Services
 California Department of Education
 California Department of Fish and Game
 California Department of Health Services
 California Department of Public Health
 California Department of Social Services
 California Department of Transportation
 California Health and Human Services Agency
 California Institute for Regenerative Medicine
 California Office of Historic Preservation
 California Office of Statewide Health Planning and Development
 California Postsecondary Education Commission
 California Seismic Safety Commission
 City of Chula Vista
 City of National City
 City of San Diego
 City of San Diego Office of Homeland Security
 City of San Diego Public Works
 County of Alameda
 County of San Diego Office of Financial Planning
 Imperial County

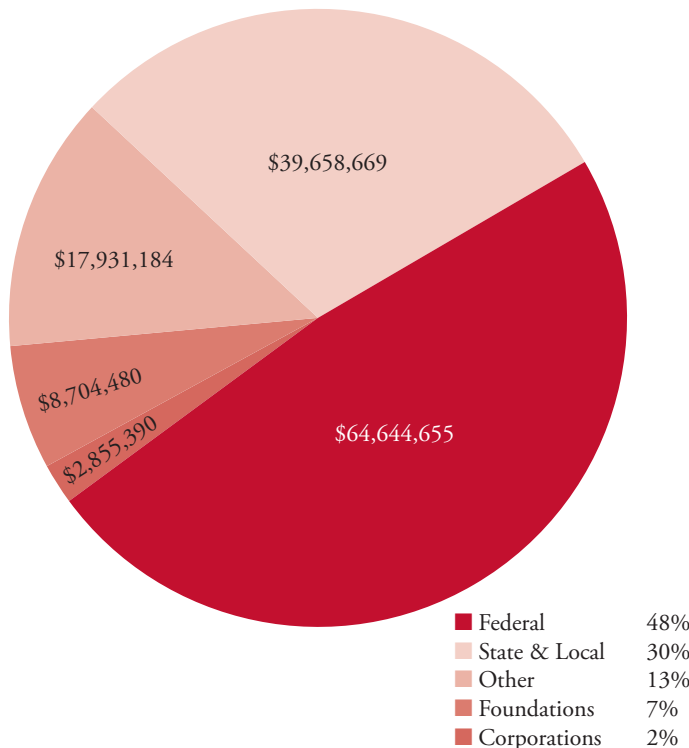
Metropolitan Water District of Southern California
 Orange County
 San Diego County Alcohol and Drug Services
 San Diego County Health and Human Services Agency
 San Diego County Parks and Recreation
 San Diego County Superior Courts
 San Diego Unified Port District

Foundations

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 Price Charities
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 Smith Foundation (Alex)
 Weingart Foundation
 Wells Fargo Foundation
 WGBH Educational Foundation
 World Wildlife Fund

Awards by Sponsor Type (Fiscal Year 2008-2009)

Total Awards = \$133,794,378



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 Child and Family Policy Institute of California (The)
 Columbus Children's Research Institute
 Corporation for Public Broadcasting
 Council on International Educational Exchange
 Down Syndrome Association
 EduTeches International, Inc.

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 Flight Attendants Medical Research Institute
 Futures, Inc.
 Global Viral Forecasting Initiative
 House Ear Institute
 Imperial Beach Health Center
 Imperial Valley Regional Occupational Program
 Indian Health Council
 Institute of International Education (The)
 Jewish Family Service of San Diego
 KCET
 KQED FM Radio
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 Mental Health Systems, Inc.
 National Academy of Engineering
 National Association of Student Personnel Administrators
 Nature Conservancy (The)
 Nature Reserve of Orange County (The)
 Neighborhood House Association
 North County Serenity House
 Operation Samahan, Inc.
 Oregon Social Learning Center, Inc.
 Outreach Extensions
 Palomar Pomerado Health
 Pechanga Indian Reservation
 Rady Children's Hospital San Diego
 Rees-Stealy Research Foundation
 Regional Task Force on the Homeless
 San Diego Association of Governments
 San Diego Bowl Game Association
 San Diego Council on Literacy
 San Diego Lesbian, Gay, Bisexual, and Transgender Community Center (The)
 San Diego Natural History Museum
 San Diego Rescue Mission
 San Diego Social Advocates for Youth
 San Diego/Imperial Counties Developmental Services, Inc.
 San Joaquin Valley Union Air Pollution Control District
 San Ysidro Health Center
 Scripps Mercy Hospital
 Scripps Research Institute
 Seattle Children's Hospital & Regional Medical Center
 Sharp Healthcare
 Sigma Theta Tau International Gamma Gamma Chapter
 South Bay Community Services
 South Carolina Research Authority
 Southern California Coastal Water Research Project
 Southern Oregon Public Broadcasting
 State of Hawaii
 Valley Mountain Regional Center
 Veterans Medical Research Foundation
 Vista Community Clinic
 V-me Media, Inc
 Wahupa Educational Services, Inc.
 WestEd Center for Prevention & Early Intervention
 WETA
 YMCA of San Diego County
 Zoological Society of San Diego

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