



## A new year, a new record

SDSU vaulted in U.S. News & World Report's [recent rankings](#) of the nation's best colleges, rising to No. 60 among public universities, up from last year's No. 68 ranking. The preliminary total of 5,738 first-year students is the university's [largest-ever freshman cohort](#) and its most high-achieving and diverse. The average high school GPA is 3.73, a SDSU record.



## New Research Website

This summer we revamped our research website to better share the activities of our researchers and the resources available to faculty and students.

[Visit the new website.](#)

## Did you know?



### Undergraduate research

Consider encouraging your students to participate in research as undergraduates. You can direct them to our [undergrad research website](#) and this [resource guide](#).

We are in the midst of developing a portal to help connect research-minded students and faculty.

Contact our director of undergraduate research, Lisa Kath, for more information.

## What's happening?

ZIP Launchpad

SDSU's startup incubator, [ZIP Launchpad](#), seeks applicants with innovative startup ideas for the fall 2018 semester. ZIP helps students, staff and faculty launch startups, providing mentorship, rapid prototyping tools, funding, workshops, legal help, etc. [Apply](#) by September 16th.




## Congratulations



### Distinguished Faculty

Six faculty—Piotr Jankowski, Nancy Frey, Hala Madanat, Thomas Rockwell, Murray Jennex, and Bey-Ling Sha—were honored with the university's annual distinguished faculty award.

[Watch the videos.](#)

 Follow [@SDSUResearch](#) on Twitter

## Research Spotlight



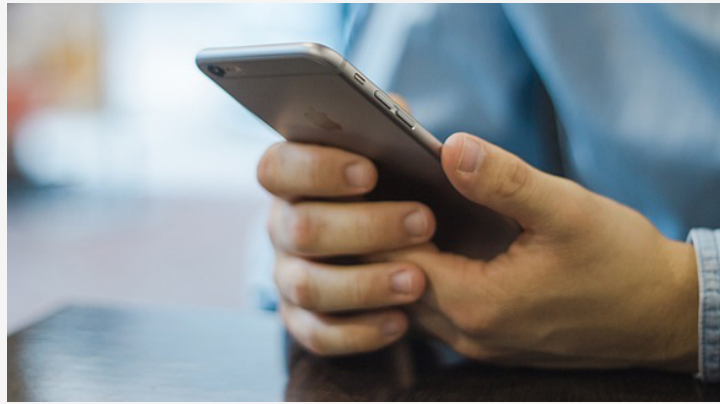
Geography professor Piotr Jankowski received a Fulbright Scholar Award to study in Poland and develop ways of creating a "digital town hall" in an effort to survey the public about urban planning. Jankowski's Fulbright is the fourth in the College of Arts and Letters in the last two years.

[Read the article.](#)



Education professor Felisha Herrera Villarreal is looking at difficult transitions from community colleges to universities as part of an National Science Foundation initiative at Hispanic-Serving Institutions.

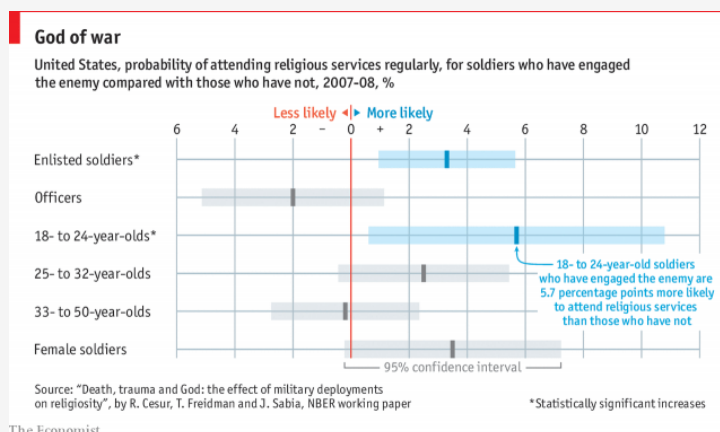
[Read the story.](#)



A major study by psychology professor Jean M. Twenge indicates important generational shifts in how teenagers consume information and seek entertainment. [Learn more](#)



Karen Emmorey, a professor in the School of Speech, Language, and Hearing Sciences, contributed to a study that looks at the ability of the brain to switch from one language to another. [Read coverage in Newsweek.](#)



The Economist

Economist Joseph Sabia and two colleagues published a paper looking at how soldiers often turn to God after experiencing combat. Their research was covered in The Economist. [Read the story.](#)

## Recent Grants

**Sabia, Joseph J**

Applied Microeconomics & Public Policy Research  
Charles Koch Foundation  
\$245,000  
College of Arts & Letters

**An, Li**

Mapping and Modeling the Invasion of Mikania micrantha in Chitwan Community  
Forests, Nepal: A Coupled Human and Natural Systems Approach  
National Aeronautics and Space Administration  
\$42,519  
College of Arts & Letters

**Sax, Caren**

EFRC: Down Syndrome Association of San Diego Family Support Services 18/19  
Down Syndrome Association  
\$15,000  
College of Education

**Sax, Caren**

EFRC Resolutions for Student Success 18/19  
San Diego County Office of Education  
\$70,000  
College of Education

**Garrity, Sarah M**

Family Child Care Provider Focus Groups  
Price Philanthropies Foundation  
\$9,173  
College of Education

**Chung, Y Barry**

College Avenue Compact - Staff Support  
San Diego State University  
\$378,040

**Ross, Donna**

Western Regional Noyce Alliance (WRNA)  
California State University San Francisco  
\$15,368  
College of Education

**Tucker-Tatlow, Jennifer**

Social Worker Training  
San Diego County Health and Human Services Agency  
\$65,145  
College of Health & Human Services

**Emmorey, Karen**

REU Supplement: ASL-LEX  
NSF Division of Social Behavioral and Economic Research  
\$12,000  
College of Health & Human Services

**Glembotski, Christopher**

Role of the SR/ER E3 Ubiquitin Ligase Synoviolin 1 in Cardiac Hypertrophy-  
A.Arrieta  
DHHS National Heart Lung and Blood Institute \$38,132  
College of Sciences

**Long, Jeremy D**

Herbivore community assemblage response  
National Science Foundation

\$46,000

College of Sciences

**Long, Jeremy D**

The effects of climate warming on the invasive rocky intertidal Acorn barnacle

National Science Foundation

\$46,000

College of Sciences

**Grotjahn, Douglas / Cooksy, Andrew L**

Experimental and Computational Studies of Bifunctional Organometallic Catalysis

NSF Directorate for Mathematics and Physical Sciences

\$270,014

College of Sciences

**Reinholz, Daniel**

Collaborative Research: Working meetings to break down theoretical and disciplinary silos in research on change in undergraduate STEM education

National Science Foundation

\$45,740

College of Sciences

**Mueller, Ralph Axel**

Too Much Information: Neural Mechanisms of Efficient Filtering

NSF Directorate for Education and Human Resources

\$46,000

College of Sciences

**Hushen, W Timothy**

Student Support Services

DOD Space and Naval Warfare Systems Command

\$11,716

Office of Graduate and Research Affairs

**Hushen, W Timothy**

Student Support Services

DOD Space and Naval Warfare Systems Command

\$33,391

Office of Graduate and Research Affairs

**Lange, James**

Executive Director of the Higher Education Center for Alcohol and Drug Misuse

Prevention and Recovery

Ohio State University

\$50,732

Office of Student Affairs

**Park, Cynthia**

Teacher Education/Upward Bound Summer Residential Program 2018

California Department of Education

\$2,758

College of Education

**Pumpian, Ian**

Educational Leadership Creative Support Alternatives - Supported Living

San Diego Regional Center for the Developmentally Disabled

\$967,041

College of Education

**Olevsky, Eugene**

MESA Oracle Summer Program

University of California Office of the President

\$8,688

College of Engineering

**Talavera, Gregory**

Randomized Control Trial to Reduce Sitting Time in Postmenopausal Latina Women  
at Increased Risk for Heart Disease  
Regents of the University of California  
\$256,097  
College of Health & Human Services

**Hoh, Eunha**

Thirdhand Smoke Contamination in a Neonatal Intensive Care Unit (NICU)  
University of Texas Health Science Center at Houston  
\$3,500  
College of Health & Human Services

**Sussman, Mark Biology**

"Stemness" and Differentiation Potential Are Defined by Metabolism in Cardiac  
Progenitor Cells: D. Kubli  
DHHS National Heart Lung and Blood Institute  
\$2,044  
College of Sciences

**Sussman, Mark**

Chromatin Content and Regenerative Potential of Cardiac Progenitor Cells -K.  
Broughton  
DHHS National Heart Lung and Blood Institute  
\$2,008  
College of Sciences

**Bernstein, Sanford**

Structural and Biochemical Mechanisms of Myosin-induced Dilated Cardiomyopathy  
- A. Trujillo  
DHHS National Heart Lung and Blood Institute  
\$31,704  
College of Sciences

**Weersing, Vanessa Robin**

2/2-Family Cognitive Behavioral Prevention of Depression in Youth and Parents  
DHHS National Institute of Mental Health  
\$34,407  
College of Sciences

**Inkelis, Sarah M**

Sleep and Neurobehavioral Outcomes in Children with Fetal Alcohol Spectrum  
Disorders  
DHHS National Institute on Alcohol Abuse and Alcoholism  
\$44,524  
College of Sciences

**Glembotski, Christopher**

Biology The Adaptive Cardiac Sensor, ATF6, Regulates ANP Secretion and  
Decreases Hypertensive Stress- E. Blackwood  
DHHS National Institutes of Health  
\$480  
College of Sciences

**Edwards, Robert**

Bacteriophage Genome Finishing and Phage Annotation Toolkit Evaluator (PhATE I)  
Development  
DOE Lawrence Livermore National Laboratory  
\$60,000  
College of Sciences

**Ma, Shuo**

Further Validation of a Dynamic Earthquake Model to Produce Realistic Near-Field  
Ground Motion  
DOI United States Geological Survey  
\$1,549  
College of Sciences

**Kalyuzhnaya, Marina**

Microbial Conversion of Greenhouse Gases into Fermentation-Ready Sugars  
National Science Foundation  
\$13,000  
College of Sciences

**Lewison, Rebecca**

Biology Spatial ecology of wild felids in the context of a fragmented and rapidly  
developing landscape (Fellowship - G. Schmidt)  
National Science Foundation  
\$46,000  
College of Sciences

**Gallo, Linda**

MRI Measures of Cerebrovascular Injury and AD Atrophy in a Study of Latinos  
University of California at Davis  
\$437,067  
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

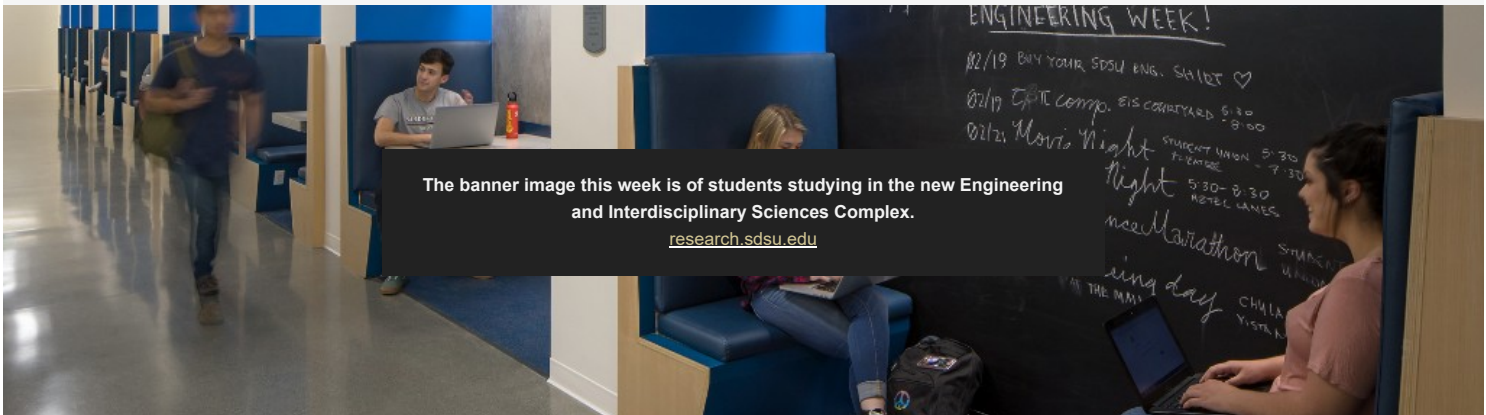
**Larson, Lance**

Defensive Cyberspace Operations Research, Development, Testing, Engineering,  
Integration, Maintenance, and Production Support  
Vector Planning & Services, Inc  
\$918  
College of Sciences

**Hushen, W Timothy**

Student Support Services  
DOD Space and Naval Warfare Systems Command  
\$2,343  
Office of Graduate and Research Affairs

Have suggestions for the newsletter? Email us.



The banner image this week is of students studying in the new Engineering and Interdisciplinary Sciences Complex.  
[research.sdsu.edu](http://research.sdsu.edu)