

San José State University Research Foundation

Bulletin April 2018

A monthly publication featuring sponsored program information, trends, and opportunities. To view the bulletin online, visit the SJSU Research Foundation website at www.sjsu.edu/researchfoundation.

TUESDAY, APRIL 17, 2018 – SJSU STUDENT RESEARCH FORUM – PLEASE JOIN US

On February 28 and March 1, SJSU research students were given the opportunity to present their work at the San José State University Student Research Competition and compete for selection as SJSU representatives at the annual CSU Student Research Competition to be held at California State University, Sacramento this May. Ten SJSU competition finalists and their faculty mentors will be honored at the annual SJSU Student Research Forum **April 17, 2018 at Noon in the Martin Luther King, Jr. Library, Room 225**. Please join us to congratulate these outstanding SJSU students.

Please RSVP to the **OSP Information Services** mailbox (foundation-osp-infoservices@sjsu.edu)

NSF RELEASES STRATEGIC PLAN FOR FISCAL YEARS 2018-2022

Since its inception in 1950 NSF activities have been guided by its mission, which is “to promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense; and for other purposes.” The agency has earned a reputation for supporting innovative research in science, engineering and learning. According to NSF Director, Dr. France A. Córdoba the recently published strategic plan “lays out a vision for sustaining that momentum of discovery and ensuring the Nation remains a global leader in research and innovation.” The plan includes the following three strategic goals with corresponding objectives;



Strategic Goal 1 Expand knowledge in science, engineering, and learning.

- Objective 1.1 – **Knowledge** Advance knowledge through investments in ideas, people, and infrastructure.
- Objective 1.2 – **Practice** Advance the practice of research.

Strategic Goal 2 Advance the capability of the Nation to meet current and future challenges.

- Objective 2.1 – **Societal Impacts** Support research and promote partnerships to accelerate innovation and to provide new capabilities to meet pressing societal needs.
- Objective 2.2 – **STEM Workforce** Foster the growth of a more capable and diverse research workforce and advance the scientific and innovation skills of the Nation.

Strategic Goal 3 Enhance NSF’s performance of its mission.

- Objective 3.1 – **Human Capital** Attract, retain, and empower a talented and diverse workforce.
- Objective 3.2 – **Processes and Operations** Continually improve agency operations.

The strategic plan, [Building the Future Investing in Discovery and Innovation - NSF Strategic Plan for Fiscal Years \(FY\) 2018-2022 \(nsf18045\)](#) is available on the NSF website.

FY 2018 FINAL SPENDING BILL – AGENCY HIGHLIGHTS

Following a year of discussion, debate, and negotiations Congress passed a \$1.3 trillion spending bill. “The final package is a boon for federally sponsored scientific research, infrastructure, and STEM education.” Much of the new funding will be directed to research and facilities at the Department of Energy and the National Institutes of Health. The National Science Foundation and other science agencies are receiving more moderate increases.

DOE Office of Science will receive a 16 percent funding increase (\$868 million) for all six of its major research programs: Advanced Scientific Computing Research, Basic Energy Sciences, Biological and Environmental Research, Fusion Energy Sciences, High Energy Physics, and Nuclear Physics.

ALSO IN THIS ISSUE:

- **FY 18 Spending Bill Halts AHRQ Downward Trend**
- **Limited Submissions – Upcoming SJSU Internal Deadlines!**
- **Grant Application Deadlines**
- **Fellowships and Scholarships**

DOE National Nuclear Security Administration will receive a \$1.7 billion overall increase. Funding for its weapons, development, test, and evaluation programs would increase by 10 percent to \$2 billion. Funding for the **Office of Energy Efficiency and Renewable Energy** is increasing by 11 percent and the budget for the Office of Nuclear Energy by almost 20 percent.

The **National Science Foundation** budget is increasing by 4 percent (nearly \$300 million), while the agency's Research and Related Activities account that supports extramural research grants is slated for a 5 percent increase to \$6.33 billion.

NASA's Planetary Science Division is receiving almost \$400 million in new funding—a 21 percent increase. Although the **Earth Science Division** budget remains flat, funding for the five missions that the administration originally targeted for cancellation is protected. The **National Institutes of Health** is receiving a \$3 billion or 9 percent increase.

The **Department of Education** is getting a boost for the Student Support and Academic Enrichment program and is able to maintain funding levels for the 21st Century Community Learning Centers and Supporting Effective Instruction State Grants programs. The bill provides \$50 million in the Education Innovation and Research program to support STEM and computer science education projects and notes that a wide range of DOEEd grant programs can be used to support STEM education initiatives. To read the entire article, visit the [American Institute of Physics](#) website.

Source: American Institute of Physics

FY 18 SPENDING BILL HALTS AHRQ DOWNWARD TREND

The recently passed omnibus spending bill provided a boost to the Agency for Healthcare Research and Quality (AHRQ), halting a nearly decade-long trend of cuts. As shown in the AHRQ 2009-2017 Appropriation History Table, the agency committed to "making health care safer, higher quality, more accessible, equitable, and affordable" had received a steady flow of budget cuts dating back to 2009. While the Trump Administration had hoped to fold the agency into the National Institutes of Health in its FY 18 request (and continues to push for this in its FY 19 request), Congress is resisting and has appropriated \$334 million for AHRQ in FY 18 - a \$10 million (3.1 percent) increase over AHRQ's FY 17 funding level.

Source: GrantWeek 4/1/2018 with permission from GRC

LIMITED SUBMISSIONS - UPCOMING SJSU INTERNAL DEADLINES!

[NSF Partnerships between Science and Engineering Fields and the NSF TRIPODS Institutes TRIPODS + X](#)

SJSU Internal Deadline: March 21, 2018

Sponsor Deadline: May 29, 2018

[NSF Research Experiences for Teachers \(RET\) in Engineering and Computer Science Supplements and Sites](#)

SJSU Internal Deadline: July 13, 2018

Sponsor Deadline: September 19, 2018

[NSF Innovations in Graduate Education \(IGE\) Program](#)

SJSU Internal Deadline: July 18, 2018

Sponsor Deadline: September 27, 2018

APRIL–SEPTEMBER GRANT APPLICATION DEADLINES NOW AVAILABLE

The [Grant Application Deadlines Report](#) shows application deadlines for funding opportunities that have been identified as relevant to research interests at SJSU and sent through the Research Foundation Funding Alert System. The current report covers the six-month period beginning April 1 through September 30. Links to sponsors' funding announcements are included. To view the report, visit the [SJSU Research Foundation website](#).

FELLOWSHIPS AND SCHOLARSHIPS

The SJSU Research Foundation receives notification of fellowship and scholarship opportunities for faculty and students. Highlights this month include:

Program: [James J. Burns and C.A. Haynes Textile Scholarship](#)

Agency: Rhode Island Foundation

Deadline: May 4, 2018

Program: [Harrington Scholar Program](#)

Agency: Alzheimer's Drug Discovery Foundation

Deadline: May 25, 2018

Program: [Undergraduate Fellows Program](#)

Agency: NASPA - Student Affairs Administrators in Higher Education

Deadline: May 11, 2018

Program: [James M. Lally, DO, Emerging Leader Award](#)

Agency: American Osteopathic Foundation

Deadline: June 5, 2018