

Office of Sponsored Programs Bulletin January 2011

The SJSU Research Foundation (SJSURF), Office of Sponsored Programs (OSP) Bulletin is a monthly publication informing the SJSU academic community about sponsored program information, trends and opportunities. To view the OSP Bulletin online, visit the SJSU Research Foundation website at <http://www.sjsufoundation.org/>.

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1. NSF Grant Proposal Guide Changes

Applicants to all NSF programs are now required to use the new Grant Proposal Guide 11-1 (http://www.nsf.gov/publications/pub_summ.jsp?ods_key=pgg11001). A list of the significant changes is listed on this website: http://www.nsf.gov/pubs/policydocs/pappguide/nsf11001/pgg_sigchanges.jsp. Please consult with your grant manager if you are planning to submit a NSF proposal and have any questions about the new guidelines.

2. Survey shows expected increase in 2011 foundation grantmaking

After two years of reduced funding from individual and institutional donors, the nonprofit sector can take heart in some good news finally rolling out: Foundation grantmaking is expected to rise in 2011, although the increase will likely be modest and nowhere near the levels seen prior to the economic crisis of 2008.

Those findings are based on a September 2010 survey conducted by the Foundation Center, which polled over 700 large and mid-size U.S. independent, corporate and community foundations about their outlook for 2011 grantmaking. About 21 percent of respondents to the survey indicated that their giving would increase in 2011, compared to about 15 percent of respondents who expect their grantmaking to decrease. Corporate foundations lead the way of those who expect to increase funding, while independent foundations appear the most likely to decrease funding. The majority of respondents - 59 percent - indicated their giving would remain the same as in 2010, and about six percent were uncertain how their giving would compare. According to the Foundation Center, that six percent difference between those expecting to increase funding versus those who expect a decline suggests that the sector, overall, will see a slight uptick in grantmaking for the year.

Reprinted from January 2011 Corporate Philanthropy Report.

3. NSF FAQs about Proposal Preparation and Award Administration

As stated in last month's Bulletin, we are highlighting a few of the frequently asked questions in proposal preparation that NSF posted to its website in November. These FAQs are especially important, given the new NSF guidelines just released:

FAQ: Cost Sharing

If an institution addresses voluntary committed cost sharing in the proposal narrative, how will NSF proposal reviewers respond?

The GPG is very clear that inclusion of voluntary committed cost sharing is prohibited in NSF proposals, unless specifically required by a program solicitation. Chapter II.C.2.i directs proposers to include an aggregated description of the resources that the organization will provide to the project, should it be funded. Such information must be provided in the Facilities, Equipment and Other Resources section, in lieu of other parts of the proposal such as the budget justification or project description. The description should be narrative in nature and must not include any quantifiable financial information. Reviewers will be directed to the Facilities section of the proposal and will be asked to evaluate the information during the merit review process.

FAQ: Group Proposals

May group proposals exceed the 15 page Project Description limitation?

NSF encourages submission of proposals by groups of investigators; often these are submitted to carry out interdisciplinary projects. Unless stipulated in a specific program solicitation, however, such proposals will be subject to the 15 page Project Description limitation established in the GPG. PIs who wish to exceed the established page limitations for the Project Description must request and receive a deviation in advance of proposal submission. Chapter II.A of the GPG contains information on deviations.

The complete list of NSF's frequently asked questions may be found on this website:

http://www.nsf.gov/pubs/policydocs/pappguide/faqs11_1.pdf?WT.mc_id=USNSF_80

3. COMPETES Passage Keeps America's Leadership on Target

Bipartisan passage of the America COMPETES Act represents a major milestone on this Nation's path to building an innovation economy for the 21st century—an economy that harnesses the scientific and technological ingenuity that has long been at the core of America's prosperity and applies that creative force to some of the biggest challenges we face today. Whether it's developing new products that will be manufactured in America, or getting and using energy more sustainably, or improving health care with better therapies and better use of information technology, or providing better protection for our troops abroad and our citizens at home, innovation will be key to our success.

The COMPETES legislation includes several measures that could affect competitive grant funding:

- Subject to annual appropriations, the Advanced Research Projects Agency-Energy (ARPA-E), which was established under the American Recovery and Reinvestment Act, would receive funding through FY 13. The ARPA-E Energy Innovation Hubs program was not reauthorized.
- NIST's Hollings Manufacturing Extension Partnership is expected to establish an innovation services program to help manufacturers minimize energy usage and improve profitability.
- Subject to congressional appropriations, NSF and DOE would receive increased funding for STEM-focused fellowships and scholarships.

- NSF and NIST are expected to establish manufacturing internship programs.

Subject to congressional appropriations, the National Science Foundation (NSF) would receive \$23.5 billion, the Department of Energy (DOE) would receive \$16.9 billion, the National Institute of Standards and Technology (NIST) would receive \$2.9 billion, and an additional \$2 billion would support science, technology, engineering, and math research and education programs across agencies.

Material reprinted from 12/23/10 Report on Research Compliance and 1/18/11 GrantWeek.

5. NSF Merit Review Task Force Soliciting Input

The National Science Board's (NSB) Merit Review Task Force is undertaking a thorough review of the National Science Foundation's two merit review criteria (Intellectual Merit and Broader Impacts). The merit review process is at the heart of NSF's mission, and the merit review criteria form the critical base for that process. Moreover, in the recently enacted *America COMPETES Reauthorization Act*, the Broader Impacts Review Criterion was specifically mentioned.

NSF has established a web site through which you can submit your thoughts and ideas on several issues of interest to the Task Force (<http://www.nsf.gov/funding/meritreviewform.cfm>). Please take this opportunity to provide comments and suggestions for improvements, as the Task Force undertakes this important review. Comments will be received through **March 15, 2011**.

6. DOE Funding Opportunity: Fuel Cell R&D for Stationary and Transportation Applications

The U.S. Department of Energy has released <<http://www.energy.gov/news/9923.htm>> a \$74 million solicitation to support research on and development of clean reliable fuel cells to help America become a leader in the emerging global fuel cell market while limiting greenhouse gas emissions and reducing the country's reliance on fossil fuels.

Over the next three years, \$64 million will be awarded for research on fuel cell components, such as catalysts and membrane electrode assemblies, with the goal of reducing costs, improving durability, and increasing the efficiency of fuel cell systems. The remaining \$9 million will support independent cost studies that assess the progress of current research initiatives and guide future research and development efforts.

Proposals for research and development awards are due by **March 3, 2011**. Cost analysis applications are due on February 18, 2011. The full solicitation is available at FedConnect <<https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000360&agency=DOE>>

Material reprinted from 1/10/11 GrantWeek and DOE website (<http://www.energy.gov/9923.htm>).

7. What Does A Successful Proposal Look Like?

Are you interested in seeing what a successful proposal in your field looks like? Grants Resource Center is increasing its library of funding proposals that are available to campus faculty. *"At least nine new entries will be added per month so that applicants on your campus can review successful examples prior to submitting their own proposals."* If you are interested in viewing a successful example, please contact Nancy Riley at nriley@foundation.sjsu.edu and please specify the field(s).

Material reprinted from 1/6/11 email from Grants Resource Center.

8. SJSU Student Research Competition 2011 and University Student Research Forum

TO ALL FACULTY MENTORS of student researchers: Undergraduate and graduate research students have the opportunity to present their work and compete for selection as SJSU representatives to the annual CSU Student Research Competition at CSU, Fresno. Please check with your college dean's office for details about the competition. Important dates:

February 28, 2011 - SJSU Colleges send electronic copy of completed coversheet and 5-page summary for each student to david.bruck@sjsu.edu and deliver five hard copies of the cover sheet and a 5-page research summary for each student to the Graduate Studies & Research Office.

March 9 and 10, 2011 - Student presentations of research and subsequent selection of SJSU finalist.

April 6, 2011 - The 32nd SJSU Annual University Research Open House sponsored by the Research Foundation and the Office of Graduate Studies and Research. In addition to student finalist awards, the Open House will also recognize the faculty mentors of selected students. The finalists will be available to discuss their research at a poster session immediately following the awards presentation. Family and friends are invited to attend. Refreshments will be provided. (12 Noon at ENG 285/287).

May 6 and 7, 2011 - CSU Student Research Competition at California State University, Fresno.

9. Fellowships

SJSURF receives notification of fellowship/scholarship opportunities for faculty and students. This month's highlights include:

Program: 62nd International Astronautical Congress in Cape Town, South Africa - Call for Abstracts

Sponsor: NASA

Deadline: Feb 7, 2011

<http://iac2011.com/sites/default/files/pdf/iac2011-call-for-papers.pdf>

Program: NASA Space Technology Research Fellowships (NSTRF) - Fall 2011

Agency: NASA

Deadline: Feb 23, 2011

<http://nspires.nasaprs.com/>, select "Solicitations," then select "Open Solicitations," and, finally, select "NSTRF11." Go directly to the NSTRF11 page on NSPIRES

Program: Summer Intern Program in Geoscience

Agency: Carnegie Institution of Washington

Deadline: Feb 28, 2011

<http://people.gi.ciw.edu/summerscholars/>

Program: Minority Fellowships Program

Agency: American Nurses Association

Deadline: Mar 1, 2011

<http://www.emfp.org/MainMenuCategory/Fellowships.aspx>

Program: 2011 Summer Research with NIDA for Underrepresented Students

Agency: National Institute on Drug Abuse

Deadline: Mar 1, 2011

<http://www.drugabuse.gov/pdf/sposummer.pdf>

Program: Minority Fellowships Program

Agency: American Nurses Association

Deadline: Mar 1, 2011

<http://www.emfp.org/MainMenuCategory/Fellowships.aspx>

Program: Graduate Fellowships in Alternatives in Scientific Research

Agency: International Foundation for Ethical Research

Deadline: Mar 15, 2011

<http://www.ifer.org/fellowships.html>

Program: Dr. Nancy Foster Scholarship Program

Sponsor: National Oceanic & Atmospheric Administration/Department of Commerce

Deadline: Mar 17, 2011

<http://www07.grants.gov/search/search.do;jsessionid=zjTQnk6JpbYMDZJM2KZWht8hbNdHvLwqPCg519vJRM9BGR6nTwy7!-2029031751?oppld=62213&mode=VIEW>

Program: Shui Kuen and Allen Chin Scholarship

Sponsor: Asian Pacific Fund

Deadline: Mar 17, 2011

<http://www.asianpacificfund.org/information-for-student-applicants#chin>

Program: Worldstudio AIGA Scholarship

Sponsor: Worldstudio Foundation

Deadline: Apr 1, 2011

<http://scholarships.worldstudioinc.com/deadline-application/>

Program: Research Fellowships

Sponsor: American Councils for International Education

Deadline: Apr 1, 2011

<http://www.americancouncils.org/index.php>

Program: Chevron International Studies Scholarship

Sponsor: National Society of Black Engineers

Deadline: Jun 15, 2011

<http://www.nsbe.org/Programs/Scholarships/Collegiate/Chevron-International-Studies-Scholarships-2011.aspx>

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