Digest of Items of Interest to the Caucus of Academic Reps - July 19, 2013

General information about funding sources is always available at
http://www.amstat.org/careers/efs.cfm

Funding opportunities:

- Secure and Trustworthy Cyberspace (SaTC)
- Dear Colleague Letter Regarding New NSF Requirements

Position announcements:

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- NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)
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Funding opportunities

Secure and Trustworthy Cyberspace (SaTC)

http://nsf.gov/funding/pgm_summ.jsp?pims_id=504709


Cyberspace has transformed the daily lives of people for the better. The rush to adopt cyberspace, however, has exposed its fragility and vulnerabilities: corporations, agencies, national infrastructure and individuals have been victims of cyber-attacks. In December 2011, the National Science and Technology Council (NSTC) with the cooperation of NSF issued a broad, coordinated federal strategic plan for cybersecurity research and development to "change the game," minimize the misuses of cyber technology, bolster education and training in cybersecurity, establish a science of cybersecurity, and transition promising cybersecurity research into practice. This challenge requires a dedicated approach to research, development, and education that leverages the disciplines of mathematics and statistics, the social sciences, and engineering together with the computing, communications and information sciences.

The Secure and Trustworthy Cyberspace (SaTC) program welcomes proposals that address Cybersecurity from a Trustworthy Computing Systems (TWC) perspective and/or a Social, Behavioral and Economic Sciences (SBE) perspective (see "Perspectives"). In addition, we welcome proposals that integrate research addressing both of these perspectives as well as proposals focusing entirely on Cybersecurity Education (see below). Proposals may be submitted in one of the following three categories:

- Small projects: up to $500,000 in total budget, with durations of up to three years
• Medium projects: $500,001 to $1,200,000 in total budget, with durations of up to four years
• Frontier projects: $1,200,001 to $10,000,000 in total budget, with durations of up to five years

Projects with Trustworthy Computing Systems and/or Social, Behavioral and Economic Sciences perspectives may include a Transition to Practice (TTP) option, described in a supplemental document of no more than five pages. This document should describe how successful research results are to be further developed, matured, and experimentally deployed in organizations or industries, including in networks and end systems used by members of the NSF science and engineering communities. Proposals with a TTP option may exceed the above-stated maxima by up to $167,000 for Small projects, $400,000 for Medium projects and $750,000 for Frontier projects.

In addition, the SaTC program seeks proposals addressing Cybersecurity Education with total budgets limited to $300,000 and durations of up to two years. Cybersecurity education projects may not include any of the three perspectives named above.

**Dear Colleague Letter Regarding New NSF Requirements**

Dear Colleagues,

The National Science Foundation has made changes to the Grant Proposal Guide (GPG) to implement the recommendations of the National Science Board. The link to the new GPG is:


There are a few key changes that we would like to bring to your attention. Please note that proposals that do not address these requirements will be returned without review.

* Project Summary (II.C.2.b): "Each proposal must contain a summary of the proposed project not more than one page in length. The Project Summary consists of an overview, a statement on the intellectual merit of the proposed activity, and a statement on the broader impacts of the proposed activity."

FastLane has been modified to display three separate text boxes in which proposers must provide an Overview and address the "Intellectual Merit" and "Broader Impacts" of the proposed activity. Proposals that do not separately address the overview and both merit review criteria within the one-page Project Summary will be not be accepted or will be returned without review.

* Project Description: Section on Broader Impacts (II.C.2.d.): "The Project Description must contain, as a separate section within the narrative, a discussion of the broader impacts of the proposed activities."

* Project Description: Results from Prior NSF Support (II.C.2.d.iii): "If any PI or co-PI identified on the project has received NSF funding (including any current funding) in the past five years, information on the award(s) is required, irrespective of whether the support was directly related to the proposal or not. Funding includes not just salary support, but any funding awarded by NSF. Each PI and co-PI who has received more than one award (excluding amendments) must report on the award most closely related to the proposal. The following information must be provided:
- the NSF award number, amount and period of support;
- the title of the project;
- a summary of the results of the completed work, including accomplishments, described in two separate sections, related to the Intellectual Merit and Broader Impact activities supported by the award;
- publications resulting from the NSF award;
- evidence of research products and their availability, including, but not limited to: data, publications, samples, physical collections, software, and models, as described in any Data Management Plan; and
- if the proposal is for renewed support, a description of the relation of the completed work to the proposed work."

* References Cited (II.C.2.e): "If there are no references cited, a statement to that effect should be included in this section of the proposal and uploaded into FastLane."

Thanks in advance for your attention to these new requirements.

**Position announcements**

None this week

**Other opportunities**

**NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)**


This program makes grants to institutions of higher education to support scholarships for academically talented students demonstrating financial need, enabling them to enter the STEM workforce or STEM graduate school following completion of an associate, baccalaureate, or graduate-level degree in science, technology, engineering or mathematics disciplines. Grantee institutions are responsible for selecting scholarship recipients, reporting demographic information about student scholars, and managing the S-STEM project at the institution.

The program does not make scholarship awards directly to students; students should contact their institution’s Office of Financial Aid for this and other scholarship opportunities.

**Special AAAS promotion at JSM**

The ASA is undertaking an important initiative to enhance the visibility of Statistics among our fellow scientists. The American Association for the Advancement of Science (AAAS; www.aaas.org) is the
world's largest general scientific society and publisher of Science, the world's leading scientific research journal. Twenty-four AAAS sections represent all areas of science, including Section U on Statistics, which celebrated its 50th anniversary in 2012. The ASA and Section U encourage you to join the AAAS and participate in outreach activities highlighting the importance of Statistics to leaders in all areas of science.

Buttons highlighting AAAS and Section U and flyers describing the benefits of AAAS membership will be available near the JSM registration desk. Please stop by and pick up some of both and share them with your colleagues. And please wear the buttons throughout the JSM to help us raise awareness of this important campaign to increase the visibility of our field!

Thank you.
Marie Davidian, ASA President
Sally Morton, Chair, AAAS Section U