Caucus of Academic Reps (CAR) Weekly Digest, June 12, 2015

http://www.amstat.org/education/aboutthecaucus.cfm

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No new postings this week.

Funding: Visit the ASA’s Funding Opportunities Community for recent past information. (You’ll need to log in to ASA Members Only.) Here new items for this week

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Positions

No new postings this week.

Funding

(1) Secure and Trustworthy Cyberspace (SaTC)


Submission Window Date(s) (due by 5 p.m. proposer’s local time):
Synopsis of Program: 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;
- the Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (STARSS) perspective; or
- the Transition to Practice (TTP) perspective.

In addition, we welcome proposals that integrate research addressing all of these perspectives (see the Program Description below). Proposals may be submitted in one of the following three project classes (plus Cybersecurity Education; see below):

- 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; or
• Large projects: $1,200,001 to $3,000,000 in total budget, with durations of up to five years.

For Small hardware security proposals, the Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (STARSS) perspective is focused specifically on hardware research innovation that addresses SaTC goals, and includes the opportunity to collaborate closely with industry. STARSS proposals may not include the TWC, SBE, or TTP perspectives. The STARSS perspective may not be used for Medium or Large proposals.

The Transition to Practice (TTP) perspective is focused exclusively on transitioning existing research to practice. TTP proposals may not include the TWC, SBE, or STARSS perspective. The TTP perspective may be used for Small and Medium proposals, but may not be used for Large proposals.

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

Cognizant Program Officer(s):

Please note that the following information is current at the time of publishing. See program website for any updates to the points of contact.

• Jeremy Epstein, Program Director, CISE/CNS, 1175, telephone: (703) 292-8338, email: jepstein@nsf.gov
• Nina Amla, Program Director, CISE/CCF, 1115, telephone: (703) 292-8910, email: namla@nsf.gov
• Christopher Clifton, Program Director, CISE/IIS, 1125, telephone: (703) 292-8930, email: cclifton@nsf.gov
• Sol Greenspan, Program Director, CISE/CCF, 1115, telephone: (703) 292-8910, email: sgreensp@nsf.gov
• Wenjing Lou, Program Director, CISE/CNS, 1175, telephone: (703) 292-8950, email: wlou@nsf.gov
• Anita Nikolich, Program Director, CISE/ACI, 1145, telephone: (703) 292-8970, email: anikolic@nsf.gov
• Deborah Shands, Program Director, CISE/CNS, 1175, telephone: (703) 292-4505, email: dshands@nsf.gov
• Ralph Wachter, Program Director, CISE/CNS, 1175, telephone: (703) 292-8950, email: rwachter@nsf.gov
• Victor P. Piotrowski, Program Director, EHR/DGE, 865, telephone: (703) 292-5141, email: vpiotrow@nsf.gov
• Andrew D. Pollington, Program Director, MPS/DMS, 1025, telephone: (703) 292-4878, email: adpollin@nsf.gov
• Chengshan Xiao, Program Director, ENG/EECS, 525, telephone: (703) 292-8339, email: cxiao@nsf.gov
Award Information

Anticipated Type of Award: Standard Grant or Continuing Grant

Estimated Number of Awards: 85

In FY 2016, NSF anticipates approximately 8 Education awards, 51 Small awards, 20 Medium awards and 6 Large awards.

Anticipated Funding Amount: $68,300,000

Up to $68,300,000 in FY 2016, subject to the availability of funds and receipt of sufficient meritorious proposals.

(2) Enriched Doctoral Training in the Mathematical Sciences (EDT)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505083&org=DMS&from=home

DUE DATES Full Proposal Deadline Date: July 8, 2015
Second Wednesday in July, Annually Thereafter

SYNOPSIS

The long-range goal of the Enriched Doctoral Training in the Mathematical Sciences (EDT) program is to strengthen the nation's scientific competitiveness by increasing the number of well-prepared U.S. citizens, nationals, and permanent residents who pursue careers in the mathematical sciences and in other professions in which expertise in the mathematical sciences plays an increasingly important role. The EDT program will achieve this by supporting efforts to enrich research training in the mathematical sciences at the doctoral level by preparing Ph.D. students to recognize and find solutions to mathematical challenges arising in other fields and in areas outside today's academic setting. Graduate research training activities supported by EDT will prepare participants for a broader range of mathematical opportunities and career paths than has been traditional in U.S. mathematics doctoral training.

(3) Research Experiences for Undergraduates (REU)


DUE DATES
Full Proposal Deadline Date: August 26, 2015
Deadline for REU Site proposals except those requiring access to Antarctica
Fourth Wednesday in August, Annually Thereafter

SYNOPSIS
The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: (1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department or may offer interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. (2) REU Supplements may be included as a component of proposals for new or renewal NSF grants or cooperative agreements or may be requested for ongoing NSF-funded research projects.

Undergraduate student participants in either REU Sites or REU Supplements must be U.S. citizens, U.S. nationals, or permanent residents of the United States.

Students do not apply to NSF to participate in REU activities. Students apply directly to REU Sites or to NSF-funded investigators who receive REU Supplements. To identify appropriate REU Sites, students should consult the directory of active REU Sites on the Web at http://www.nsf.gov/crssprgm/reu/reu_search.cfm.

(4) Webinar: NIH Opportunities for Theory, Modeling, Computation, and Statistics Researchers

http://www.amstat.org/education/weblectures/index.cfm

Gregory Farber with the National Institute of Mental Health (NIMH) will present the webinar—NIH Opportunities for Theory, Modeling, Computation, and Statistics Researchers—on June 17. NIMH works to improve health and save lives, and quantitative researchers play a key role in these efforts. This talk will cover various programs that might be of interest to the statistics community, including the Big Data to Knowledge (BD2K) effort, the BRAIN Initiative, new NIMH expectations for data sharing, and some of the many databases that make data freely available to the research community. Registration ends June 15 at 12:00 p.m. EDT.

Other opportunities or information

(1) International Society for Bayesian Analysis (ISBA) 2016 World Meeting: Call for special topic session proposals
The ISBA 2016 World Meeting will be held at the Forte Village Resort, Sardinia, Italy, from June 13th to June 17th, 2016. Short courses will be held on June 12th, 2016 at the nearby University of Cagliari. See further details at the official conference website: http://www.isba2016.org

The Program Committee of ISBA 2016 invites submissions of proposals for special topic sessions.

Each special topic session may typically consist of 3 talks with a common theme. A discussant may be considered in addition to the 3 talks.

Other session formats (e.g., round tables, panel sessions, multiple speakers…) may be considered but will need to be properly justified.

In any case, each session will have a duration of 1h 30' including questions and organized/floor discussions.

Proposals should be submitted online at

http://bayesian.org/node/add/isba-session-proposal/

by August 15th, 2015.

Please note that proposal submission does not require ISBA membership. However, non-members will need to create an account on the ISBA website to be able to submit proposals.

Session proposers will be required to submit the following information:

- Meeting: ISBA 2016
- Meeting Program Chair: ISBA 2016 Program Chair.
- Session Type: Special Topic Session
- Session Title
- Session Organizer: Name, email and affiliation.
- Session Proposal: The proposal should include an abstract with the description of the session, the list of speakers with their affiliations and contact information, and the tentative titles of the talks. The abstracts of the talks may be included in your proposal but are not required by the August 15th deadline. Please indicate if the proposed session is sponsored by one or more ISBA Sections and in such case provide a brief statement to that
effect at the end of the proposal. The Scientific Committee will confirm the sponsorship from the Program Chairs of the Section(s).
- Session Chair

Please, make sure to correctly fill the form with the information outlined above, in order to avoid routing the application to the wrong ISBA officers.

The proposals will be reviewed by the ISBA 2016 Program and Scientific Committees. Notification of acceptance of the proposals will be sent by September 15th 2015. The abstracts for the talks of the approved sessions are due on November 1st, and should be uploaded at http://bayesian.org/node/add/isba-abstract/ All inquiries should be directed to the Program Council of ISBA: program-council@bayesian.org or to Michele Guindani at micheleguindani@gmail.com

We look forward to receiving your proposals.

Michele Guindani
ISBA Program Chair
on behalf of the Scientific Committee of ISBA 2016

(2) JSM Mentoring Program

The JSM Mentoring Program matches experienced statisticians (mentors) with junior statisticians (students, new ASA members, and first-time JSM attendees). Please consider serving in this important role. Your participation will entail:

- Sending an email to your assigned mentee about a week before JSM to decide on a time and place to meet during JSM. You might choose to meet at the “mentoring table” during the Opening Mixer on Sunday night.

- Meeting at least once with your mentee at JSM. We hope you will continue your mentoring relationship by meeting with your mentee again by telephone, Google Hangouts, or some other means. You and your mentee will determine the frequency of future meetings.

Online mentor sign-up is at www.amstat.org/jsmmentoring

Please note you will need your JSM conference registration number to submit your mentoring registration information. The JSM mentoring program leadership will pair up mentors with mentees in mid-July. Participants should expect to hear from and receive additional materials from the program leadership by July 31st.
Thank you for supporting this important initiative. We would also appreciate it if you would share this with your experienced colleagues. Please contact Eric Vance (ervance@vt.edu) or Donna LaLonde m(donnal@amstat.org) if you need additional information.

(3) Biopharm-Deming Student Scholar Award

In an effort to increase the visibility of applied statistics and encourage student participation in scientific conferences, the ASA Biopharmaceutical Section and the Deming Conference have jointly established the Biopharm-Deming Student Scholar Award. This award will provide travel support to 2-3 students, currently enrolled in a Ph.D. degree program in Statistics or Biostatistics in the United States, to attend the 3-day tutorial sessions at the Deming Conference and deliver a poster presentation.

The 2015 Deming conference will be held in Atlantic City, NJ from December 7 to 11, 2015, with the first 3 days devoted to 12 half-day tutorials and the last 2 days devoted to two short courses. For more details about the conference please visit http://demingconference.com/.

Eligibility Criteria

Ph.D. students in a Biostatistics or Statistics program in the United States

Application Materials

1. Personal statement (<500 words)
2. Abstract for the potential poster presentation
3. 2 letters of recommendation
4. Resume

Timeline

1. Application deadline: August 31, 2015
2. Decision notification: September 15, 2015
3. Deming Conference: December 7-11, 2015, Atlantic City, NJ

How to Apply

An application form is available on the Deming Conference website http://demingconference.com/

Please send the complete application to the Chair of the Biopharm-Deming Student Award Committee:

Ivan S.F. Chan, Ph.D.
Executive Director, Late Development Statistics
Merck Research Laboratories
ivan_chan@merck.com

(4) Data Incubator

The Data Incubator is an intensive 7 week fellowship that prepares masters, PhDs, and postdocs in STEM + social science fields seeking industry careers as data scientists. The program is free for fellows and supported by sponsorships from dozens of employers across multiple industries. In response to the overwhelming interest in our earlier sessions, we will be holding another fellowship.

Locations: There will be both an in-person (in NYC, DC, SF) and online section of the fellowship. There is a common application for both the online and in-person sections.

Dates: All sections will be from 2015-09-08 to 2015-10-23

Application Link: http://www.thedataincubator.com/#apply

Who should apply: Anyone within one year of graduating from a masters or PhD program or who has already obtained a masters or PhD is welcome to apply. Applications from international students are welcome. Everyone else is encouraged to sign-up for a future session.

For additional information, see the DI blog, Venture Beat article, or Harvard Business Review piece.

(5) ICHPS Methods Incubator for Junior Researchers

This year, a new interactive workshop will debut at the 11th International Conference on Health Policy Statistics - Providence, Rhode Island Oct 7-9, 2015. The workshop will connect teams of early-career researchers for collaboration on methods projects. To get involved, check out the website Methods Incubator for Junior Researchers, pick a problem that interests you, and send in your application by June 30, 2015. For more information, contact Laura Hatfield at hatfield@hcp.med.harvard.edu.

(6) Looking for recent NIH F31 and F32 (graduate and postdoctoral research) fellows

If you know of recent recipients of the NIH F31 and F32 (graduate and postdoctoral research) fellowships, please send their names to pierson@amstat.org, to be considered to update the Q&A’s done in 2013: http://stattrak.amstat.org/2013/10/01/fellowship-experience/ and http://magazine.amstat.org/blog/2013/09/01/postdocopportunities/.