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Gallaudet University invites applications for a tenure-track assistant professor position in the area of applied statistics in the Department of Science, Technology, and Mathematics. Target start date: August 2015.

Gallaudet, the nation's only liberal arts university for deaf and hard-of-hearing students, enjoys a visually-centered, bilingual (American Sign Language and written English) campus in the heart of Washington, D.C. With a mission of improving the lives of deaf and hard-of-hearing people worldwide, it's home to innovative research, such as the National Science Foundation Science of Learning Center on Visual Language and Visual Learning. And with classes of typically fewer than 20 students each, students and faculty enjoy dynamic interactions and opportunities for active and collaborative learning.

Candidates must be committed to innovative teaching of undergraduate and graduate statistics service courses for a liberal arts curriculum in a diverse and visual environment. Fluency in American Sign Language is desirable; applicants who are not fluent must be willing to attend training during the summer and work towards fluency. This is a great position for someone with stellar teaching and consulting skills, is curious about how to communicate statistical concepts in sign language, and is looking for a job that's slightly out of the ordinary. Colleagues are deaf, hearing, and everything in between -- not to mention stimulating and friendly.

See the official description here: http://jobs.gallaudet.edu/?jobid=814

For questions, please contact
Dr. Kathleen S. Arnos, Chair
Department of Science, Technology & Mathematics
Kathleen.Arnos@gallaudet.edu

Or

Regina Nuzzo, Professor
Department of Science, Technology & Mathematics
Regina.Nuzzo@Gallaudet.edu
The Mathematics, Statistics and Computer Science Department at Dordt College is seeking a faculty member for a two-year temporary position teaching undergraduate courses in mathematics, statistics, and/or related sub-disciplines beginning August 2015. An earned master’s or doctoral degree in mathematics, statistics or applied mathematics is required.

The Mathematics, Statistics and Computer Science department at Dordt College has a history of preparing students for graduate school, industry and K-12 education. This preparation is infused with an unashamedly Reformed Christian worldview, in order to prepare students to be global citizens in God’s service. We are looking for an enthusiastic, open-minded team player who is interested in working with a growing set of mathematically- and statistically- minded students. In particular, candidates should be willing to consider new ways of teaching and working with students and modifications to traditional course content to align with 21st century needs. We invite candidates to our departmental website (http://www.dordt.edu/academics/programs/math/) to learn more about programs that demonstrate our approach to undergraduate mathematics education.

Qualified persons committed to a Reformed, Biblical perspective and educational philosophy are encouraged to follow the full-time faculty application process at the link below. Review of applications will begin immediately and continue until the position is filled.

http://www.dordt.edu/prospective_employees/faculty/application_procedure.shtml

Funding

(1) NSF upcoming deadlines

From ASA Director of Science Policy Steve Pierson:

NSF has numerous upcoming solicitation deadlines coming up for which the statistical community my be interested:

- Secure and Trustworthy Cyberspace (SATC) SMALL projects January 14
The last one is also due January 14 and is for small projects.

(2) NIH NCI: 3 FOAs designed to enhance the diversity of the NCI-funded cancer research workforce

The NCI Mentored Research Scientist Development Award to Promote Diversity (PAR-15-064) provides salary and research support for a sustained period of "protected time" for intensive research career development under the guidance of an experienced mentor or sponsor. The NCI's Diversity Training Branch (DTB) of the Center to Reduce Cancer Health Disparities (CRCHD) is inviting career development award applications (K01) from individuals from backgrounds that have been shown to be underrepresented in health-related science. Successful candidates will be provided with program navigation and professional development workshop opportunities to enhance their knowledge and understanding of the NIH peer review system and to develop the skills required to prepare competitive grant applications to NIH and other funding agencies. For more information and/or to apply see the announcement.

The NCI Transition Career Development Award to Promote Diversity (PAR-15-063) program is designed to enhance the diversity of the NCI-funded research workforce by providing support to outstanding basic, behavioral, translational, or clinical investigators from backgrounds underrepresented in scientific research to develop their independent research skills. The award (K22) provides protected time through salary and research support for the initial three years of the first independent tenure-track faculty position, or its equivalent. Individuals may apply without a sponsoring institution while they are still in the mentored position. Accordingly, the award encourages applications from advanced postdoctoral and/or newly independent research scientists from diverse populations to enhance their retention in the cancer research workforce. Appropriate K22 applications are expected, but not required, to address problems that are pertinent to cancer health disparities and the biology, etiology, pathogenesis, prevention, diagnosis, control, and/or treatment of human cancer. Additional information is available here.

The NCI Mentored Patient-Oriented Research Career Development Award to Promote Diversity (PAR-15-062) supports the career development of investigators who have made a commitment to focus their research endeavors on patient-oriented cancer research. The award is for career development of individuals with a health professional doctorate degree from groups nationally underrepresented in the biomedical, behavioral, and social sciences. According to the announcement, the award (K23) represents the continuation of a long-standing NIH program that provides support
and protected time to individuals with a clinical doctoral degree for an intensive, supervised research career development experience in the fields of biomedical, clinical, behavioral and social sciences. The award recognizes the barriers to cancer treatment and notes that a factor contributing to the cancer in health disparity populations is their limited access to patient-oriented clinical oncologists from diverse backgrounds. It further acknowledges the need for diversity among clinician scientists, citing abundant evidence that not only patients, but the biomedical enterprise will directly benefit from broader inclusion. For additional information and/or to apply see the announcement here.

(3) NSF DMS Dear Colleague Letter - The mathematics and statistics of cyberspace and cybersecurity

Dear Colleagues:

The National Science Foundation (NSF) Division of Mathematical Sciences encourages the mathematical sciences community to participate in cybersecurity research. This crucial national priority area is replete with challenges that can be addressed by the mathematical sciences.

Traditionally, mathematics has played a central role in computer security, first in the design of computers and the background for network communications, and then in pioneering the field of modern cryptography, both in terms of designing and implementing cryptographic schemes and also in terms of defeating cryptographic schemes. Although the area of cryptography is still one of considerable interest and importance, mathematical challenges have arisen in many other areas as well. Similarly, statistics plays a new, vital role in many aspects of security, for example, in event detection and in determining sources of vulnerabilities.

Current cybersecurity challenges call for a fresh look at the subject from the viewpoint of the mathematical sciences. Questions surrounding securing information networks against hostile intrusion and ensuring individual privacy in anonymized data sets present important challenges for the mathematical sciences.

The principal NSF program supporting research related to cybersecurity and privacy issues is the cross-disciplinary program Secure and Trustworthy Cyberspace (SaTC). The SaTC program invites proposals for research that pursues innovative, potentially transformative approaches to fundamental challenges in cybersecurity and privacy matters, including but not limited to data security, privacy, massive data mining, social networks, designed-in security, cyber economics, and identification and prediction of vulnerabilities. The SaTC program aims to support research that explores the extent to which cyberspace and its vulnerabilities can be modeled, measured, and simulated.

Currently, the NSF directorates of Computer and Information Science and Engineering (CISE), Education and Human Resources (EHR), Engineering (ENG), Mathematical
and Physical Sciences (MPS), and Social, Behavioral, and Economic Sciences (SBE) are participating in the SaTC program. The MPS Division of Mathematical Sciences encourages submission of SaTC proposals by mathematical scientists and by collaborative groups that involve mathematical scientists and researchers from other disciplines. The Division also seeks proposals for workshops or conferences that will help to build communities of interest in the mathematics of cyberspace.

For additional information, please see the SaTC program web page

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

Michael Vogelius
Division Director
Division of Mathematical Sciences

(4) NIH BD2K Training Coordination Center RFA announced

The NIH Big Data to Knowledge (BD2K) Program is seeking applications for a Biomedical Data Science Training Coordination Center (TCC). The TCC will:

- Coordinate across the BD2K Training Consortium to enable the exchange of ideas and best practices about training in the data sciences, both within the BD2K Training Consortium and in the broader biomedical research community.
- Facilitate the discovery, access, and citation of educational resources through the development of a living educational resource discovery index (ERuDlte).
- Personalize the discovery of biomedical data science educational resources.
- Facilitate outreach and engage with the data science training community to identify and hold relevant workshops.
- Facilitate and support biomedical research training collaborations through short-term rotations into biomedical data science labs.
- Evaluate supported activities.

Potential applicants are strongly encouraged to arrange a call with Program staff prior to submission of applications by sending a request to bd2k_training@mail.nih.gov.

Carol Shreffler, Ph.D., National Institute of Environmental Health Sciences (NIEHS)
Michelle Dunn, Ph.D., NIH Office of the Associate Director for Data Science

(5) New NIJ funding opportunities

NIJ has issued several new solicitations:
• **Collecting Digital Evidence from Large-Scale Computer Systems and Networks** - NIJ seeks proposals for funding to conduct research and technology development leading to the introduction into practice of new and innovative means to speed the processing of large-scale computer systems and computer networks for digital evidence, in a forensically sound manner that preserves the probative value of the evidence that the computer system or network may contain. Application deadline: March 23.

• **Developing a Method to Valuate Law Enforcement Data** - NIJ seeks proposals to conduct research to improve the understanding of the comparative value of data relevant to the law enforcement business process. The proposed research should develop quantifiable measures that reflect the importance of the different kinds of data, offset by the cost to collect, process, analyze and retain that data, to include the data security costs. For purposes of this solicitation, the law enforcement business process is defined as the related, structured actions carried out by law enforcement agencies to accomplish their mission. Application deadline: March 23.

• **Research on Law Enforcement Use of Common Operational Picture (COP) Technologies** - NIJ seeks proposals to conduct research to identify and characterize the common operational picture (COP) technologies being used by law enforcement agencies for emergency response and law enforcement operations, and determine what is known about their efficacy. Application deadline: March 23.

• **Graduate Research Fellowship in Science, Technology, Engineering, and Mathematics** - NIJ is seeking proposals for innovative doctoral dissertation research in science, technology, engineering or mathematics that is relevant to providing solutions to better ensure public safety, prevent and control crime, and ensure the fair and impartial administration of criminal justice in the United States. The NIJ Graduate Research Fellowship in Science, Technology, Engineering, and Mathematics provides awards to accredited academic institutions to support such graduate research leading to doctoral degrees. Application deadline: March 30.

Stay tuned to NIJ's [forthcoming funding page](#) to see upcoming funding opportunities.

**(6) NSF Science of Learning: Collaborative Networks**

**PROGRAM SOLICITATION NSF 15-532**


National Science Foundation

Directorate for Social, Behavioral & Economic Sciences

Directorate for Education & Human Resources
Directorate for Computer & Information Science & Engineering

Directorate for Engineering

Letter of Intent Due Date(s) *(required)* (due by 5 p.m. proposer's local time): February 06, 2015

Full Proposal Deadline(s) (due by 5 p.m. proposer's local time): March 18, 2015

Synopsis of Program:

This solicitation launches the National Science Foundation's (NSF's) next phase of research in the Science of Learning (SL). The new SL Program is designed to capitalize on the momentum created by the Science of Learning Centers (SLC) Program to continue developing an integrated, interdisciplinary SL community. The goals of the SL Program are to: advance fundamental knowledge about learning through integrated research; connect the research to specific scientific, technological, educational, and workforce challenges; and enable research communities to capitalize on new opportunities and discoveries. The Program is designed to support projects that - due to the activities supported and their interdisciplinarity and integrative breadth - do not fit into existing NSF programs.

This solicitation invites proposals for the creation of new research networks to address important questions in the SL. Networks will focus on:

- Advancing basic research through integrative, interdisciplinary perspectives and methodologies, through integration of theory and experiment, and across scales of analysis; and/or
- Translating findings from basic research on learning to applications to benefit society and further inform fundamental theories of learning.

Each network is expected to engage in both of the following activities:

1. Partnership-building activities among the network participants to optimize scientific exchange for the co-design and execution of network goals; and
2. Collaborative, exploratory research to be conducted by the network participants.

*(7) NSF Cyberspace and Future Learning Technologies*

Cyberlearning and Future Learning Technologies
PROGRAM GUIDELINES

Solicitation 14-526

Important Information for Proposers

A revised version of the NSF Proposal & Award Policies & Procedures Guide (PAPPG) (NSF 15-1), is effective for proposals submitted, or due, on or after December 26, 2014. The PAPPG is consistent with, and, implements the new Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) (2 CFR Â§ 200). Please be advised that the guidelines contained in NSF 15-1 apply to proposals submitted in response to this funding opportunity.

DUE DATES

Full Proposal Deadline Date: January 19, 2015
Development and Implementation (DIPs)
Third Monday in January, Annually Thereafter

Full Proposal Target Date: March 27, 2015
Capacity-Building Projects (CAPs)
Last Friday in March, Annually Thereafter

Letter of Intent Deadline Date: May 11, 2015
Letter of Intent: Integration (INT) Projects only
Second Monday in May, Annually Thereafter

Full Proposal Deadline Date: July 13, 2015
Integration Projects (INTs)
Second Monday in July, Annually Thereafter

Full Proposal Target Date: July 31, 2015
Capacity-Building Projects (CAPs)
Last Friday in July, Annually Thereafter

Full Proposal Target Date: December 7, 2015
Capacity-Building Projects (CAPs)
First Monday in December, Annually Thereafter

Full Proposal Deadline Date: December 18, 2015
Exploration Projects (EXPs)
Third Friday in December, Annually Thereafter

SYNOPSIS
The purpose of the *Cyberlearning and Future Learning Technologies* program is to integrate opportunities offered by emerging technologies with advances in what is known about how people learn to advance three interconnected thrusts:

- **Innovation:** inventing and improving next-generation genres (types) of learning technologies, identifying new means of using technology for fostering and assessing learning, and proposing new ways of integrating learning technologies with each other and into learning environments to foster and assess learning;
- **Advancing understanding of how people learn in technology-rich learning environments:** enhancing understanding of how people learn and how to better foster and assess learning, especially in technology-rich learning environments that offer new opportunities for learning and through data collection and computational modeling of learners and groups of learners that can be done only in such environments; and
- **Promoting broad use and transferability of new genres:** extracting lessons from experiences with these technologies that can inform design and use of new genres across disciplines, populations, and learning environments; advancing understanding of how to foster learning through effective use these new technologies and the environments they are integrated into.

The intention of this program is to advance technologies that specifically focus on the experiences of learners; innovations that simply focus on making teaching easier will not be funded. Proposals that focus on teachers or facilitators as learners are invited; the aim in these proposals should be to help teachers and facilitators learn to make the learning experiences of learners more effective.

Proposals are expected to address all three of the program's thrusts. Of particular interest are technological advances that (1) foster deep understanding of content coordinated with masterful learning of practices and skills; (2) draw in and encourage learning among populations not served well by current educational practices; and/or (3) provide new ways of assessing understanding, engagement, and capabilities of learners. It is expected that research funded by this program will shed light on how technology can enable new forms of educational practice. This program does not support proposals that aim simply to implement and evaluate a particular software application or technology in support of a specific course.

Awards will be made in three research categories, each focusing on a different stage of research and development: Exploration (EXP), Design and Implementation (DIP), and Integration (INT). The program will also support small Capacity-Building Projects (CAP), e.g., conferences, workshops, and partnership-building activities, and will continue to participate in NSF’s Foundation-Wide programs: EAGER, RAPID, INSPIRE, and CAREER.
(8) NSF NCSES: Research on the Science and Technology Enterprise: Statistics and Surveys

NSF's National Center for Science and Engineering Statistics (NCSES) has released an updated program solicitation, Research on the Science and Technology Enterprise: Statistics and Surveys. Through this research program, NCSES intends to enhance its efforts in advancing analytic and methodological research in support of its surveys and to engage in the education and training of researchers in the use of large-scale nationally representative data sets. NCSES welcomes efforts by the research community to use NCSES data for research on the science and technology enterprise, to develop improved survey methodologies for NCSES surveys, to create and improve indicators of science and technology (S&T) activities and resources, and to strengthen methodologies to analyze and disseminate S&T statistical data. To that end, NCSES invites proposals for individual or multi-investigator research projects, doctoral dissertation improvement awards, workshops, experimental research, survey research, and data collection and dissemination projects under this program.

The full proposal deadline is February 18, 2015. Approximately $750,000 has been allocated, with 7-12 grants expected to be awarded.

For additional information, please contact:

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National Center for Science and Engineering Statistics
National Science Foundation
4201 Wilson Boulevard, Suite 965
Arlington, VA 22230
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703-292-9092 [fax]
nkannank@nsf.gov

(9) DOE Office of Science

From ASA Director of Science Policy Steve Pierson:

The DOE Office of Science has an applied mathematics program (http://science.energy.gov/ascr/research/applied-mathematics/) that has emphases in uncertainty quantification and optimization. Their funding opportunity page is at http://science.energy.gov/ascr/funding-opportunities/.

They have a solicitation out now called, Exploratory Research for Extreme-Scale

(10) NSF Integrative Strategies for Understanding Neural and Cognitive Systems


DUE DATES

Full Proposal Deadline Date: January 26, 2015

INTEGRATIVE FOUNDATIONS

CORE+ EXTENSION requests are submitted with proposals to other programs offered by the participating directorates, according to dates and requirements of those funding opportunities. No Letters of Intent are to be submitted for CORE+ EXTENSIONS.

SYNOPSIS

The complexities of brain and behavior pose fundamental questions in many areas of science and engineering, drawing intense interest across a broad spectrum of disciplinary perspectives while eluding explanation by any one of them. Rapid advances within and across disciplines have led to newly converging theories, models, empirical methods and findings, opening new opportunities to understand complex aspects of the brain in action and in context. Innovative, integrative, boundary-crossing approaches are necessary to push the field forward.

This solicitation describes the first phase of a new NSF program to support transformative and integrative research that will accelerate understanding of neural and cognitive systems. NSF seeks exceptional proposals that are bold, potentially risky, and transcend the perspectives and approaches typical of disciplinary research programs. This multi-directorate program is one element of NSF's broader aim to foster innovation in Cognitive Science and Neuroscience, a multi-year effort that includes NSF's participation in the Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative (http://www.nsf.gov/brain/).

For FY 2015, this competition is organized around two research themes: Neuroengineering and Brain-Inspired Concepts and Designs and Individuality and Variation. Within each theme, general advances in theory and methods, technological innovations, educational approaches, enabling research infrastructure, and workforce development are all of significant interest. Competitive proposals must be consistent with the missions of the participating directorates. Potentially groundbreaking approaches that entail significant risk are encouraged.
Two classes of proposals will be considered in FY 2015. INTEGRATIVE FOUNDATIONS awards will support projects that develop foundational advances that are deeply connected to a broad scope of important research questions in cognitive and neural systems, and have significant potential for transformative advances in one or more of the FY 2015 thematic areas. CORE+ EXTENSIONS will provide additional support to projects selected for funding by other programs in the participating offices and directorates, to enable additional activities that will connect those projects to significant new integrative opportunities in cognitive and neural systems.

(11) **NSF Partnerships for Innovation: Building Innovation Capacity**


**DUE DATES**

Full Proposal Deadline Date: January 28, 2015

**SYNOPSIS**

The Partnerships for Innovation: Building Innovation Capacity (PFI:BIC) program supports academe-industry partnerships, which are led by an interdisciplinary academic research team with at least one industry partner to build technological, human, and service system innovation capacity. These partnerships focus on the integration of technologies into a specified human-centered smart service system with the potential to achieve transformational change in an existing service system or to spur an entirely new service system. These technologies have been inspired by existing breakthrough discoveries.

Service systems are socio-technical configurations of people, technologies, organizations, and information designed to deliver services that create and deliver value [1]. A "smart" service system is a system capable of learning, dynamic adaptation, and decision making based upon data received, transmitted, and/or processed to improve its response to a future situation. The system does so through self-detection, self-diagnosing, self-correcting, self-monitoring, self-organizing, self-replicating, or self-controlled functions. These capabilities are the result of the incorporation of technologies for sensing, actuation, coordination, communication, control, etc. The system may exhibit a sequence of features such as detection, classification, and localization that lead to an outcome occurring within a reasonable time.

PFI:BIC funds research partnerships working on projects that operate in the post-fundamental discovery space but precede being on a clear path to commercialization. These projects require additional effort to integrate the technology into a real service system with human factors considerations, which in turn might spawn additional discoveries inspired by this interaction of humans with the technology.
Partnership activities that drive sustained innovation include the targeted allocation of resources such as capital, time, and facilities; and sharing of knowledge in a cross-organizational and interdisciplinary context. The project must involve research tasks that demonstrate a highly collaborative research plan with participation of the primary industrial partner with the academic researcher during the life of the award.

Cultivating smart service systems requires not only the participation of the scientific discipline or disciplines related to the technology, but also of a range of other disciplines needed to achieve successful integration into a smart service system. The resulting system requires an understanding of human interaction with technology and a human-centered design to assure the desirability and the effectiveness of the proposed service system. Thus, in addition to the discipline related to the technology, the disciplines to be included in this project are 1) systems engineering or engineering design, 2) computer science/information technology, and 3) human factors/behavioral science/cognitive engineering. Some teams not experienced with service engineering might benefit from consulting with an individual with expertise in service operations or service systems. NSF recognizes that the labels for the aforementioned disciplines may vary in different institutions and organizations, so what is important here is to demonstrate the equivalence of the representation of these disciplines. The proposer will be asked to show how the disciplines will be integrated in the context of the project as part of the research plan in the Project Description.

Examples [2] of technology applied to service systems include smart healthcare, smart cities, on-demand transportation, precision agriculture, smart infrastructure, and other technologies enabling self-service and customized service solutions.

WEBINARS: Webinars will be held to answer questions about the solicitation. Register on the PFI:BIC website where details will be posted (http://www.nsf.gov/eng/iip/pfi/bic.jsp). Potential proposers and their partners are encouraged to attend. Also, Vice Presidents for Research and academic personnel concerned with the review of their respective institution’s selection of candidates for submission, individuals from Sponsored Research Offices, and those focused on the identification and understanding of limited application submissions are encouraged to attend.

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(1) National Data Science Bowl

The first-ever National Data Science Bowl recently launched. This online competition challenges the data science community to develop an algorithm that will advance the
study of marine biology and ocean health. In essence, event organizers Booz Allen Hamilton and Kaggle, want to see who can come up with something akin to facial recognition for plankton. Competitors face the formidable task of examining nearly 100,000 underwater images to develop an algorithm that will enable researchers to identify and monitor planktonic organisms. The winner takes home $175,000. Deadline for entries is March 16.

(2) 2015 Student Paper Awards and Travel Grants Announcement: Joint ICSA Applied Statistics Symposium and Graybill Conference

The Joint ICSA Applied Statistics Symposium and Graybill Conference will be held from Sunday June 14 to Wednesday, June 17, 2015 at Fort Collins, Colorado. For more detailed information, please visit the conference website at www.icsa.org.

Student participation has always been a significant component of ICSA. To encourage student members of ICSA to participate and to share their research at the symposium, ICSA will offer Student Paper Awards and Student Travel Awards.

Qualification: The applicant must be an ICSA member at the time of manuscript submission, a doctoral degree candidate in any term during the academic year of 2014-2015 at an accredited institute, and be able to register and present the research work at the 2015 Joint Applied Statics Symposium.

Manuscript Requirement Manuscript should be prepared double spaced using Biometrics or JASA guidelines for authors. Excluding tables and figures, the manuscript must be no more than 20 pages, with at least one-inch for all margins and no smaller than 12-point font. The research work must be relevant to application in a variety of fields including biomedicine, finance, business, etc. The manuscript may be co-authored with a faculty advisor and/or a small number of collaborators, but the student must be the leading author (first or corresponding author).

Submission of Manuscript Manuscript should be received no later than 5PM, EST, March 13, 2015. The submission should include:
• A cover letter;
• A separate title page with author(s), institutional affiliation, mailing address, phone/fax numbers and email address;
• A separate page of abstract;
• A blind copy of the manuscripts without author information or affiliation;
• A copy of the ICSA membership application form for non-members. (Membership application/renew forms can be found from http://www.icsa.org).
• A supporting letter from a faculty advisor, asserting the applicant’s student status and leading authorship.
All materials should be packaged into one .zip file and sent by email with subject “student paper competition” to ICSA Student Award Committee at shuangge.ma@yale.edu.

Withdraw and Disqualification Applicants are free to withdraw their submissions at any time. However, if the same paper is also submitted for other competitions and wins other award(s) before the ICSA announces the winners for the symposium, the author should notify the committee timely and withdraw the paper.

Review and Selection Process Members of the Student Award Committee will receive blind manuscripts from the Committee Chair and review them based on the following criteria:
• The manuscript should be well motivated by an application to the specific field(s);
• The methodology developed should be applicable to the motivating problem. Inclusion of an application to a practical study will be favorably considered;
• Organization and clarity of the presentation will be considered as well.

Awards Up to eight student award winners (five Student Travel Awards, one Jiann-Ping Hsu Pharmaceutical and Regulatory Sciences Student Paper Award, and two ASA biopharmaceutical Awards) will be selected. Each winner will receive a plaque, an award for travel and registration reimbursement up to $1,000 or a cash award of $550, whichever is bigger, as well as a free registration for a short course. Winners will be notified around April 30, 2015.

Student Award Committee Chair Shuangge Ma. Yale University. Email: shuangge.ma@yale.edu

(3) Summer Undergraduate Research Experience in Statistics at Carnegie Mellon

The Summer Undergraduate Research Experience in Statistics is an eight-week (May 26 to July 17) program hosted by the Department of Statistics at Carnegie Mellon. It will provide students with hands-on experience working with real data, on real problems, in a stimulating, collaborative, and supportive environment.

Students will work on projects derived from pressing problems facing researchers in our Department, which is highly-regarded for the depth and strength of its interdisciplinary collaborations. Participants will engage with the faculty and graduate students actively involved in this research. Students will work in small groups, under the supervision of an advisor. Participants will receive a stipend of $4000. Additional funding is available to provide free on-campus housing to members of underrepresented minority groups.

Email summer@stat.cmu.edu with questions. Apply by February 15 at http://summer.stat.cmu.edu/
(4) NIH blog entries

Steve Pierson thought you might be interested in these new blog entries from NIH leaders:

- Phil Bourne, NIH Associate Director for Data Science: Data Science @ NIH 2014 - The Year in Review (aka 10 Months as ADDS)
- Michelle Dunn and Phil Bourne, Fostering Biomedical Data Science Collaborations: Using Data Science to Improve Biomedical Science
- Jon Lorsch, NIGMS Director, A Shared Responsibility

(5) American Educational Research Association (AERA) Institute on Statistical Analysis for Education Policy

Institute on Statistical Analysis for Education Policy: Causal Analysis Using International Data. The AERA Grants Program is accepting proposals to attend the Institute on Statistical Analysis: Causal Analysis Using International Data to be held in Washington, DC May 19-22, 2015. The focus of the 2015 Institute will be on inferring causality and the methodologies available to support causal inferences using data from Trends in International Mathematics and Science Study (TIMSS) and Programme for International Student Assessment (PISA). Advanced doctoral students and recent doctorates are especially encouraged to apply. Applicants must have completed at least one year of statistics courses at the doctoral level and have familiarity with multiple regression methods. The next application deadline is Tuesday, February 17, 2015.

Direct any questions about the AERA Grants Program and the Institute to grantsprogram@aera.net or 202.238.3226.