Caucus of Academic Reps (CAR) Weekly Digest
January 13, 2017

Table of Contents

Positions: (see all the latest jobs on the ASA Job Web)

(1) University of Iowa, Department of Statistics and Actuarial Science: non-tenure track faculty (visiting) positions
(2) Northwestern University Feinberg School of Medicine, Division of Biostatistics: Post-Doctoral Research Fellow
(3) Brown School of Public Health, Center for Evidence Synthesis in Health: Postdoctoral Fellow in Biostatistics
(4) Student Internship Opportunity at the National Center for Atmospheric Research

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

(1) PCORI: Improving Methods for Conducting PCOR - Cycle 1 2017
(2) NSF: Resource Implementations for Data Intensive Research in the Social Behavioral and Economic Sciences (RIDIR)
(3) NIJ: Dear Colleague Letter
(4) NSF Dear Colleague Letter: Mathematical Sciences Graduate Internship
(5) NSF: Request for Information on Future Needs for Advanced Cyberinfrastructure to Support Science and Engineering Research (NSF CI 2030)

Other opportunities or information:

(1) ICPHS Workshop and Invited Session Proposal Submission Now Open
(2) Institute on Computation and Statistics for Mass Spectrometry and Proteomics
(3) CAUSE Webinar: Just-in-Time Teaching in Statistics Classrooms
(4) ASA Conference on Statistical Practice: Housing deadline January 17
(5) The Statistics in Sports 2017 Undergraduate Research Speed Session/Poster Competition
(1) University of Iowa, Department of Statistics and Actuarial Science: non-tenure track faculty (visiting) positions

The Department of Statistics and Actuarial Science invites applications for one or more non-tenure-track faculty positions on a one-year appointment to teach statistics during the 2017-18 academic year, subject to budgetary approval. Applications are welcome for part-time (up to 87% time) employment, and are potentially renewable. Applicants should possess a PhD in statistics or a related area, in hand by the start date of the appointment. Excellent communications skills are essential. Common research interests with current faculty and experience teaching statistics courses are desired. Fall appointments begin August 16, 2017, and candidates must be legally able to work in the United States on that date. Review of applications will begin immediately and continue until all positions have been filled.

Applications should be submitted on line at http://jobs.uiowa.edu. Refer to requisition #70413.

Applications should include a cover letter, a current CV, and academic transcript(s). Three letters of reference should be sent directly to the search committee by the letter writers. Letters should particularly address the applicant's potential for excellence in teaching and should be sent to: stat-searchcommittee@list.uiowa.edu. Hardcopy letters can be mailed to the following address, if necessary.

Visiting Faculty Search Committee
Department of Statistics and Actuarial Science University of Iowa
241 Schaeffer Hall
Iowa City, IA 52242-1409

(2) Northwestern University Feinberg School of Medicine, Division of Biostatistics: Post-Doctoral Research Fellow

The Division of Biostatistics in the Department of Preventive Medicine at Northwestern University Feinberg School of Medicine invites applications for a post-doctoral research fellow, to be supervised by Dr. Juned Siddique. The successful applicant for this position will work on an NIH-funded study to develop and evaluate statistical methods to correct for measurement error in self-reported dietary data from longitudinal lifestyle interventions. The post-doc will work on development of new statistical methods, analysis of existing data, and Monte Carlo simulations. Publications in peer-reviewed journals and presentations at scientific meetings are expected and encouraged. The primary objective of the fellowship is to prepare the individual for a career in academic research and opportunities will be provided for training in grant writing and publishing.

Candidates must have a doctoral degree in biostatistics or statistics, experience programming in R, and
excellent written and communication skills. Expertise and experience in one or more of the following areas is desirable: measurement error, missing data, Bayesian statistics, and causal inference. This is a two year position with a possible third year. Salary and benefits are competitive. Considerations of applications will continue until the position is filled.

Applicants should submit a cover letter, CV, and references to:
Juned Siddique
Division of Biostatistics
Department of Preventive Medicine
Northwestern University Feinberg School of Medicine
680 N. Lake Shore Dr., Suite 1400
Chicago, IL 60611
siddique@northwestern.edu

(3) Brown School of Public Health, Center for Evidence Synthesis in Health: Postdoctoral Fellow in Biostatistics

The Center for Evidence Synthesis in Health invites applications for a post-doctoral or junior faculty level candidate to work under the direction of Professor Christopher Schmid developing statistical methods and tools in meta-analysis to combine information from different data sources with the goal of evaluating which treatments work best for which individuals. The successful applicant will work with a team to provide solutions for clinical research projects focused on personalized healthcare. Candidates must have a doctoral degree in statistics, biostatistics, or related field. Successful candidates will have experience and expertise in applied research and preferably in meta-analysis.

This is a two-year appointment, with possible extension for a third year.

The selected candidate will participate in an interdisciplinary training opportunity that aims to prepare scholars to become successful independent investigators in patient-centered outcomes research using comparative effectiveness methods. This opportunity is funded by the Agency for Healthcare Research and Quality (AHRQ) Institutional Mentored Career Development Program (K12). The successful candidate should be prepared to produce original research and develop a research funding proposal in CER/PCOR suitable for submission to PCOR, AHRQ, or NIH by the end of their term.

In addition to a salaried appointment in the Department of Biostatistics at Brown’s School of Public Health, scholars receive a research development fund of $25,000 per year in the program.

The initial appointment will begin August 1, 2017.

QUALIFICATIONS

Must hold a Ph.D, Sc.D., or equivalent doctoral degree at the time of appointment. Applicants must be U.S. Citizens, non-citizen nationals, or individuals lawfully admitted for permanent residence.

APPLICATION INSTRUCTIONS

Applicants are required to upload the following into Interfolio at the following link
https://apply.interfolio.com/33352:
• Statement of research interests and career plans in the area of comparative effectiveness and patient centered outcomes research. (500 to 1000 words)
• Curriculum vitae
• Three current letters of reference, at least one of these from a faculty member in their doctoral program. Letter writers should upload their letters directly to Interfolio using the link http://www.interfolio.com/services/recommendations/
• Writing sample

Review of applications will begin on February 1, 2017. Applications received after this date may be reviewed until the position is filled or the search is closed.

For more information please visit the program website: http://brown.edu/go/K12

Email or call:
Anya Rader Wallack, Ph.D.
Program Manager
Anya_wallack@brown.edu
(401) 863-1115

(4) Student Internship Opportunity at the National Center for Atmospheric Research

Please share this internship opportunity at the National Center for Atmospheric Research with your students: www2.cisl.ucar.edu/siparcs

Description:
The Summer Internships in Parallel Computational Science (SIParCS) program at the National Center for Atmospheric Research (NCAR) offers undergraduate and graduate students significant hands-on R&D opportunities in high performance computing (HPC) and related fields that use HPC for scientific discovery and modeling. This program embeds students as summer interns in the Computational and Information Systems Laboratory (CISL), an organization within NCAR. CISL is charged with provisioning supercomputing and data systems to the geosciences research community, as well as conducting research and development in computational science, data analysis, scientific visualization and numerical modeling. These twin roles of service and research in CISL support NCAR’s broad scientific mission of discovery in the atmospheric and related sciences.

Funding opportunities and information

(1) PCORI: Improving Methods for Conducting PCOR - Cycle 1 2017

www.pcori.org/funding-opportunities/announcement/...

Letter of Intent (LOI) Deadline February 14, 2017

Application Deadline May 17, 2017

See also slides provided by PCORI’s Jason Gerson at JSM last summer: www.amstat.org/misc/GersonJSM2016.pdf
In this PCORI Funding Announcement (PFA), we seek to fund projects to address gaps in methodological research relevant to conducting patient-centered outcomes research (PCOR). The improvement of existing methods will benefit all stakeholders, including researchers planning investigations; policy makers weighing the value of healthcare interventions; and patients, clinicians, and caregivers facing healthcare decisions.

(2) NSF: Resource Implementations for Data Intensive Research in the Social Behavioral and Economic Sciences (RIDIR)


Full Proposal Deadline(s) (due by 5 p.m. submitter's local time): February 29, 2016

Synopsis of Program:

As part of NSF’s Cyberinfrastructure Framework for 21st Century Science and Engineering (CIF21) activity, the Directorate for Social, Behavioral and Economic Sciences (SBE) seeks to develop user-friendly large-scale next-generation data resources and relevant analytic techniques to advance fundamental research in SBE areas of study. Successful proposals will, within the financial resources provided by the award, construct such databases and/or relevant analytic techniques and produce a finished product that will enable new types of data-intensive research. The databases or techniques should have significant impacts, either across multiple fields or within broad disciplinary areas, by enabling new types of data-intensive research in the SBE sciences.

(3) NIJ: Dear Colleague Letter

Read a Dear Colleague Letter from Director Nancy Rodriguez to learn more about NIJ's FY 17 funding opportunities.

(4) NSF Dear Colleague Letter: Mathematical Sciences Graduate Internship

January 3, 2017

Dear Colleagues:

The National Science Foundation (NSF) Division of Mathematical Sciences (DMS) aims to provide opportunities to enrich the training of graduate doctoral students in the Mathematical Sciences through the provision of a NSF DMS funded summer research internship program. Towards this objective, DMS has partnered with the Oak Ridge Institute for Science and Education (ORISE) which is managed by Oak Ridge Associated Universities (ORAU) for the Department of Energy, to establish the NSF Mathematical Sciences Graduate Internship program.

The immediate goal of the program is to fund approximately twenty internships, primarily at the National Laboratories. The longer-term goals are to expand the program and to include private industries and nonprofit organizations as hosts. The program is intended to introduce doctoral students in mathematics to interesting applications of mathematical or statistical theories outside of academia. The internships are aimed at students who are interested in understanding the application of advanced mathematical and statistical techniques to "real world" problems, regardless of whether they plan to pursue an academic or nonacademic career.
The NSF Mathematical Sciences Graduate Internship program is expected to have significant benefits for several groups of stakeholders, including:

- For all participating graduate students: Enhanced understanding of their research areas in a broader context.
- For graduate students who pursue academic careers: Preparation to take mathematical inspiration from problems in disciplines outside of the mathematical sciences, allowing them to initiate development of new areas in mathematical sciences; preparation to serve as links in their future faculty appointments between academics and the business/industry/government/non-profit realm; and preparation to advise their future students on the full range of possible career paths that exist with training in the mathematical sciences.
- For graduate students who pursue careers outside academics: Better preparation for, and knowledge of, a wide range of career paths in areas of business, industry, government, and non-profits where the mathematical sciences play increasingly important roles.
- For faculty: Ph.D. interns who return to the academic setting with enhanced understanding of the research area in a broader context.
- For academic departments: Enhanced ties to activities outside the university, and better career opportunities for graduate students.
- For the mathematical sciences community: Demonstration of the impact of an enriched training for doctoral students generally.

Students in full-time enrollment as a graduate student at an accredited US college or university located in the US during the 2016-2017 academic year will be considered. They should be pursuing a doctoral degree in the mathematical sciences and be able to provide two relevant letters of recommendation. These letters should address the student's academic record and potential for success in an internship, as indicated by communication and teamwork skills. Further details and the application procedure is described at [www.orise.orau.gov/nsf-msgi/default.html](http://www.orise.orau.gov/nsf-msgi/default.html).

F. Fleming Crim
Assistant Director
Directorate for Mathematical & Physical Sciences

(5) NSF: Request for Information on Future Needs for Advanced Cyberinfrastructure to Support Science and Engineering Research (NSF CI 2030)


(digest continues on the next page)
ICPHS Workshop and Invited Session Proposal Submission Now Open

ICHPS Workshop and Invited Session Proposal Submission Now Open

The International Conference on Health Policy Statistics plays a vital role in the dissemination of health policy and health services statistics, and it's now time to gather your colleagues to submit a proposal for the 12th ICHPS in Charleston, SC!

The theme for ICHPS 2018 is:

**Health Statistical Science**

**Care | Policy | Outcomes**

Throughout the past 20 years, ICHPS has provided a unique forum for participants to exchange and build upon ideas that disseminate to the broader health policy community. Be part of the discussion by submitting a workshop or invited session proposal.

The deadline for proposals is March 6.

(2) Institute on Computation and Statistics for Mass Spectrometry and Proteomics

Dear Colleagues,

I would like to share with you that May Institute on computation and statistics for mass spectrometry and proteomics, taking place on May 1-12, 2017 on campus of Northeastern University in Boston MA, is now accepting applications [https://computationalproteomics.ccis.northeastern.edu/](https://computationalproteomics.ccis.northeastern.edu/) The application deadline is February 10.

The institute has a modular format, with modules covering processing of raw mass spectrometric datasets with Skyline and OpenMS, basics of statistical analysis with R, advanced R, visualization of high-throughput biological datasets, and statistical methods for mass spectrometry and proteomics. A capstone project puts together the topics covered in the individual modules. The modules are organized and taught by experts in this field. Participants can attend any subset of the modules.
I am also happy to let you know that a limited number of tuition fee waivers and travel fellowships will be available for students and postdocs affiliated with academic institutions in the US.

I hope that you will find the Institute useful. Please do not hesitate to share this information widely.

Sincerely

Olga Vitek
Sy and Laurie Sternberg Interdisciplinary Associate Professor
College of Science
College of Computer and Information Science
Northeastern University
www.olga-vitek-lab.org

(3) CAUSE Webinar: Just-in-Time Teaching in Statistics Classrooms

Monnie McGee, Lynne Stokes, and Pavel Nadolsky, Southern Methodist University presents........ Just-in-Time Teaching in Statistics Classrooms

02:00pm - 03:00pm Eastern Standard Time, January 17th, 2017

Link to register: https://www.causeweb.org/cause/webinar

In this webinar we will present our experiences and provide tips on how to implement a flipped classroom approach we call "Just-in-Time Teaching." In this method in and out of classroom activities are reversed; student preparation before class includes watching a brief lecture via video and responding to web-based discussion questions designed to elicit common misunderstandings students have, and class time is reserved for guided practice to reinforce new knowledge.

(4) ASA Conference on Statistical Practice: Housing deadline January 17

JACKSONVILLE, FLORIDA • FEBRUARY 23–25, 2017
CONFERENCE ON STATISTICAL PRACTICE

Save When You Stay at the Conference Hotel

Housing Deadline: January 17

There's still time to register for CSP 2017, but the deadline for taking advantage of our group rate at the Hyatt Regency Jacksonville Riverfront is coming up soon, so be sure to book your room today!
February weather in Jacksonville is typically a cool to comfortable mid 60s °F, so attendees can look forward to taking a stroll along the Riverwalk, checking out the local craft breweries on the Jax Ale Trail, and exploring local restaurants within walking distance of the Hyatt. Explore the local information links for more ideas!

If you’re making travel plans, be sure to check out the online program, too, and start planning which sessions and courses you will attend.

2017 promises to be another exciting year for CSP, and we hope to see you there. Online registration is open until February 9.

(5) The Statistics in Sports 2017 Undergraduate Research Speed Session/Poster Competition

The Statistics in Sports section of the American Statistical Association would like to announce their sponsorship of the 2017 undergraduate research speed session/poster contest to be held at the Joint Statistical Meeting in Baltimore, MD. The competition will be open to all undergraduates who have been doing sports and statistics related research. Not only will students present a poster in electronic form, they will also give a four minute oral presentation highlighting their research during a "speed session" the same day. Cash prizes will be awarded to the outstanding undergraduate research presented during this session at the Joint Statistical Meetings, July 29-August 3, 2017.

Deadline for abstract submission is February 1, 2017 and can be submitted at the Joint Statistics Meeting website (ww2.amstat.org/meetings/jsm/2017/abstracts/index.cfm). When submitting your abstract, select select session type: Contributed, subtype: Speed. You should also select "Statistics in Sports" as the session sponsor. Please also email the SIS Program Chair for JSM 2017, Stephanie Kovalchik (skovalchik@tennis.com.au) to let her know you have submitted an abstract for the competition.

The winners from the 2016 competition were:
1st Place ($250)
James Meyerson, Macalester College
"Managerial Duration Across Professional Soccer Leagues"

2nd Place ($150)
Gregory Miller, Bucknell University
"Improved Expected Points and Win Probability Models for NFL Coach and Player Evaluation"