**Caucus of Academic Reps (CAR) Weekly Digest**
February 2, 2018

**Table of Contents**

**Positions:** (see all the latest jobs on the [ASA Job Web](https://jobweb.amstat.org))

1. Emory University, Department of Biostatistics and Bioinformatics: postdoctoral fellow
2. University of Colorado, School of Public Health: postdoctoral fellow
3. Georgia State University, School of Public Health: open rank position in biostatistics
4. University of Wollongong, Australia: Lecturer (Assistant Professor) in Statistics
5. MIT Institute for Data, Systems, and Society (IDSS): postdoctoral associate

**Funding opportunities:** Visit the [ASA’s Funding Opportunities Community](https://www.amstat.org/resources/funding-opportunities) for recent past information. (You’ll need to log in to ASA Members Only.)

1. NIH: Research on Comparative Effectiveness and Implementation of HIV/AIDS and Alcohol Interventions
2. Updated NSF funding opportunity: Integrative Strategies for Understanding Neural and Cognitive Systems (NCS)

**Workshops and Conferences**

1. [REGISTRATION NOW OPEN: UPenn Conference on Estimands, Sensitivity Analysis & Missing Data in Clinical Trials](https://www.upenn.edu/)
3. Registration is now open for the 6th Workshop on Biostatistics and Bioinformatics in Atlanta
4. [Symposium on Data Science and Statistics](https://www.datascience-symposium.org/)

**Awards**

1. [2018 IAOS Young Statisticians Prize closes 15 February 2018](https://www.aios.org/)
2. [NISS 2018 Jerome Sacks Award: Call for Nominations](https://www.niss.org/)
3. [Call for Nominations ENVR 2018 Awards](https://www.envr.org/)
4. [Nominations for the 2018 SPES Award](https://www.spees.org/)
5. [Call for SPAIG Award Nominations to Recognize Successful Collaborations](https://www.spaig.org/)
The Department of Biostatistics and Bioinformatics at the Rollins School of Public Health, Emory University invites applications for a post-doctoral fellow position with a starting date in 2018. The position is open until filled and the appointment is for two years, with a possible extension for a third year.

This position will offer opportunities to develop statistical methods for the analysis of high-dimensional clinical and biological longitudinal data to better understand the heterogeneity underlying neurodegenerative diseases. The following two research areas are of particular interest: 1) scalable and robust methods of latent trajectory class analysis with adjustment for informative missing data patterns; and 2) joint models of latent trajectory classes and times to competing-risks events. The postdoc will be mentored by Drs. John Hanfelt and Limin Peng in the Department of Biostatistics and Bioinformatics.

The successful candidate is expected to conduct independent methodological research including writing peer-reviewed publications for statistical journals, giving presentations at professional conferences, and developing stand-alone statistical software, such as R packages. Extensive interactions with graduate students and faculty are expected. In addition, the successful candidate will have opportunities to conduct collaborative research at the Emory Alzheimer’s Disease Research Center.

The starting date is negotiable and the successful candidate can start immediately.

Position Qualifications: PhD degree in biostatistics, statistics, or related quantitative field. The following skills are desirable: excellent methodological training in statistics; excellent programming skills in R/SAS and optionally Python or Julia; and excellent written and oral communication skills.

Application Instructions: Applicants should email a cover letter, research statement, CV, and contact information (email and phone) for three references to Dr. John Hanfelt, jhanfel@emory.edu. In addition, applicants must apply on the Emory Careers Site at the following link:

sjobs.brassring.com/1033/ASP/TG/...

(2) University of Colorado, School of Public Health: postdoctoral fellow

A postdoctoral fellowship program in computational biosciences open to U.S. citizens and permanent residents is available, details at http://combio.ucdenver.edu/pages/jobopportunities.html

(3) Georgia State University, School of Public Health: open rank position in biostatistics

Georgia State University is a leading urban research institution located in Atlanta, Georgia. The School of Public Health at Georgia State University is a CEPH-accredited program with more than 400 graduate and undergraduate students and over 50 faculty and academic professionals. Successful applicants will join a unique, contemporary, multi-disciplinary School of Public Health with emphasis in urban health research, applied public health, health policy, and community applications.

The School of Public Health is currently seeking enthusiastic applicants for the following tenure-track position: Open Rank Professor, Biostatistics (Log# 19-094)
The School of Public Health is seeking an outstanding scholar to join the core faculty in the area of Biostatistics housed in a multi-disciplinary graduate public health program. Applicants should demonstrate research achievement in the statistical and quantitative sciences, including a strong potential for collaborative research with extramural funding support. The selected candidate will be expected to maintain their own research program, conduct collaborative work with public health researchers, and contribute to graduate teaching and mentoring. Teaching assignments will depend on the expertise and interests of the candidate as well as departmental priorities, but may include graduate-level introductory biostatistics and statistical computing courses.

A terminal degree is required in one of a variety of disciplines, including Biostatistics or Statistics. For persons in related fields with advanced analytic skills, there must be evidence of a specific doctoral or postdoctoral training emphasis in an associated domain such as applied statistics or quantitative methodology. The successful candidate will have a demonstrated ability to work effectively in an interdisciplinary, collaborative academic environment as well as excellent written and verbal communication skills. Prior teaching experience in a university setting and experience in applied statistical research and publishing is highly desirable.

Rank and tenure status at time of hire will be determined based on candidate experience, accomplishments, and years in service.

Application Process: Interested individuals should submit: (a) A letter of interest that includes a description of their research program, accomplishments, goals, and evidence of teaching effectiveness; (b) a curriculum vitae; (c) up to three representative publications; and (d) names and contact information for three references. Send application materials to the attention of:

Matt Hayat, Chair, Biostatistics Search Committee (Log# 19-094)
School of Public Health, Georgia State University
P.O. Box 3995
Atlanta, GA, 30302
Phone: 404-413-1130
Email: publichealthjobs@gsu.edu

Electronic submissions are preferred and should be e-mailed to publichealthjobs@gsu.edu. Please include Biostatistics Search Committee (Log# 19-094) in the subject line.

(4) University of Wollongong, Australia: Lecturer (Assistant Professor) in Statistics

The University of Wollongong, Australia, is seeking to appoint a lecturer in statistics with research expertise in statistical learning, machine learning or similar. The successful applicant will participate in a new research project involving novel methods for modelling and making inferences from spatio-temporal data. This is a Level B position, equivalent to an Assistant Professor position in the USA.

Primary Location: Australia-New South Wales-Wollongong
Employee Status: Fixed Term (Three years)
Schedule: Full-time
Closing Date: 12/03/2018, 11:59:00 PM (Sydney time)
Salary Details: Level B: AUD$98,019 - AUD$113,353 + 17% Superannuation
For more information and a detailed position description please visit

(5) MIT Institute for Data, Systems, and Society (IDSS): postdoctoral associate

MIT’s Institute for Data, Systems, and Society (IDSS) seeks candidates for Postdoctoral Associates starting in 2018. Applications will be accepted through Friday April 13, 2018.

Financial support will be provided by IDSS for the selected Postdoctoral Associates with appointments to start between July 1 and September 1, 2018 for one year, renewable for a second year based upon satisfactory performance.

The ideal candidate will have a strongly interdisciplinary research agenda with a demonstrated track record of interest in complex social problems.

Candidates can find the application process at the MIT jobs site (http://careers.mit.edu), req# 15514, and it is also appended below. A committee consisting of IDSS leadership and selected core faculty will review and select applications. Selections will be made between May 1 and June 15, 2018.

POSTDOCTORAL ASSOCIATE, Institute for Data, Systems, and Society (IDSS), to perform independent research in areas combining social science knowledge with technical analyses of complex social and technological systems. Areas of interest may include quantitative and qualitative approaches to understanding social and institutional behavior through analyses of digital technologies including theory and applications of networks and connection sciences to social systems.

Specific duties to include:
* Performing independent research in areas combining social science knowledge with technical analyses of complex social and technological systems
* Leading activities within IDSS to increase participation and integration of MIT social science faculty and staff with IDSS core and affiliate faculty; for example PDA may (with appropriate IDSS administrative staff support):
  - Design, develop and implement plan for new seminar series, propose speakers for series, speaker outreach and scheduling, etc.
  - Organize and direct a social science workshop at MIT
  - Organize and direct IDSS SES PhD student poster sessions as needed
  - Assist IDSS core and affiliate faculty with research proposal writing
* Writing on and publishing original documents, such as: quarterly interviews or research reviews highlighting work conducted by faculty in social science areas of domain applications; publishing own work in recognized journals

This will be a one-year appointment beginning between July 1 and September 1, 2018 or a later mutually agreed upon date, with the possibility of renewal for a second year based upon satisfactory performance.

REQUIREMENTS: Ph.D. (expected or obtained) in Statistics, Engineering, Computer Science, Operations Research, Economics, Mathematics or a related field; strong analytical and written communication skills, ability to work effectively in an interdisciplinary environment and commitment to participating in IDSS activities.
In addition to applying online (cover letter and CV), please submit the following documents in .pdf format to idss-postdoc-search@mit.edu.
* Two additional letters of support; at least one should be external to MIT
* Sample of your scholarly work (either as an electronic doc or URL)
* Suggestions for two IDSS faculty supervisors (one from Engineering, one from another MIT school) who are doing work that intersects with your research interests and might be potential mentors

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**Funding opportunities and information**

1. **NIH: Research on Comparative Effectiveness and Implementation of HIV/AIDS and Alcohol Interventions**
   *(PAS-18-557)*
   National Institute on Alcohol Abuse and Alcoholism
   Application Receipt/Submission Date(s): Standard dates apply, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates.

   An updated NSF program solicitation (NSF 18-533) is now available: Integrative Strategies for Understanding Neural and Cognitive Systems (NCS)
   Please see the program solicitation [https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505132](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505132) for details.
   Deadline for Letters of Intent (required): February 20, 2018
   Deadline for Full Proposals: April 17, 2018

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**Workshops and Conferences**

1. **REGISTRATION NOW OPEN: UPenn Conference on Estimands, Sensitivity Analysis & Missing Data in Clinical Trials**
   Details at [http://www.cceb.med.upenn.edu/events/annual-conference-statistical-issues-clinical-trials](http://www.cceb.med.upenn.edu/events/annual-conference-statistical-issues-clinical-trials)

   The Fourth International Workshop on the Statistical Analyses of Multi-outcome Data (SAM 2018) will be held at Washington University in St. Louis on June 11-12, 2018 (Monday & Tuesday). The first three meetings were successfully convened in University of Paris VI (2012), Cambridge University (2014), and People’s University of China in Beijing (2016). We also have European sister meetings in the University of Liverpool (2017) and University of Manchester in 2019.
Twenty invited speakers (including two keynote speakers, Drs. Jeremy Taylor and Richard Cook) will present interesting topics on joint models, high dimensional outcomes, dynamic prediction modeling, and recurrent event data. There will be a tutorial on the Statistical Analyses of Multi-outcome Data before the meeting. Student posters are welcome which will be entered into a competition.

The registration is currently open. Please go to sites.wustl.edu/sam2018 for details. We are looking forward to seeing you in St. Louis!

**3) Registration is now open for the 6th Workshop on Biostatistics and Bioinformatics in Atlanta**

The 6th Workshop on Biostatistics and Bioinformatics

Event dates: May 4-6, 2018

Event location: Georgia State University, Atlanta

Biostatistics and Bioinformatics have been playing key and important roles in statistics and other scientific research fields in recent years. The goal of this workshop is to stimulate research and to foster the interaction of researchers in Biostatistics & Bioinformatics research areas. The workshop will provide the opportunity for faculty and graduate students to meet the top researchers, identify important directions for future research, facilitate research collaboration.

The keynote speaker of our workshop is Dr. Hongyu Zhao, the Ira V. Hiscock Professor of Biostatistics and Professor of Statistics and Genetics at Yale University and the recipient of the Mortimer Spiegelman Award.

There will be invited talks by distinguished researchers, and a poster session by young researchers and graduate students. For more information, please visit the website: math.gsu.edu/yichuan/2018Workshop for details.

The registration is open now. Please register and submit the abstract on the website. In order to encourage graduate students and young researchers to conduct a cutting-edge research, we are currently organizing a poster session, which will be entered into a competition. The workshop will be providing partial travel awards to selected conference participants. Priority will be given to senior graduate students, post-graduate, recent Ph.D's, junior faculty, and under-represented groups.

**4) Symposium on Data Science and Statistics**

**SDSS 2018 Registration and Housing Are Now Open!**

The rise of data science, including big data and data analytics, cannot be ignored, and the new Symposium on Data Science and Statistics will help you navigate the way forward in these rapidly evolving and highly interdisciplinary fields.

SDSS offers a powerful new forum for data scientists, computer scientists, and statisticians who analyze and visualize complex data to share knowledge and
establish new collaborations, so join your peers at SDSS 2018 in Reston, VA, May 16–19!

Sessions at SDSS 2018 are centered on six key topic areas. Details for many sessions and short courses are already in the online program, but many more learning opportunities are on the way, so stay tuned!

![Applications](image1)
![Computational Statistics](image2)
![Computing Science](image3)
![Data Science](image4)
![Data Visualization](image5)
![Machine Learning](image6)

SDSS is an exciting partnership between the American Statistical Association and the Interface Foundation of North America, combining data science and statistical machine learning with IFNA’s historical strengths in computational statistics, computing science, and data visualization.

Register online today to save your place at this important new annual event!

![Learn More About SDSS](image7)
![Register Early to Save!](image8)
**Awards**

(1) **2018 IAOS Young Statisticians Prize closes 15 February 2018**

The Young Statisticians Prize is an annual international competition sponsored by the International Association for Official Statistics (IAOS) to promote the understanding and development of official statistics and encourage more young statisticians (those under the age of 35) to take an active interest in official statistics. The first-place winner will receive travel funds to present their paper at a session during the IAOS conference in Paris, France, September 19-21, 2018.

Submitters are encouraged to address and propose solutions to pressing methodological or strategic issues in official statistics at the regional, national, or international level.

Winning entries in previous years have spanned the United Kingdom, Bolivia, New Zealand, Australia, Germany and UNESCO. This year could be your country’s turn.

Please encourage and support all eligible young statisticians to submit their papers by the deadline of **15 February 2018**.

Details and submission instructions are available on the [IAOS website](#).

(2) **NISS 2018 Jerome Sacks Award: Call for Nominations**

The National Institute of Statistical Sciences (NISS) is seeking nominations for the 2018 Jerome Sacks Award for Outstanding Cross-Disciplinary Research. The award recognizes sustained, high-quality, cross-disciplinary research involving the statistical and data sciences.

An award of $1,000 and a plaque will be presented to the winner during the NISS reception at the Joint Statistical Meetings (JSM) in Vancouver, July 28 – August 2, 2018.

For more information, including a list of previous award winners, please click [Jerome Sacks Award for Outstanding Cross-Disciplinary Research](#).

To nominate an individual, please submit in one combined PDF document the following information to officeadmin@niss.org by April 1, 2018:

1. Nomination letter (maximum two pages)
2. Supporting letters from two individuals (other than nominator)
3. The Nominee’s CV

If you have any questions or comments about the nomination process, please send them to officeadmin@niss.org.

(3) **Call for Nominations ENVR 2018 Awards**

The ASA Section on Statistics and the Environment (ENVR) is seeking nominations for the **2018 ENVR Distinguished Achievement Medal** and the **2018 ENVR Early Investigator Award** (formerly called the
Young Investigator Award). Both are given in recognition of outstanding contributions to the development of methods, issues, concepts, applications, and initiatives in environmental statistics. The section uses a broad definition of environmental statistics--from theoretical/foundational through applications and policy--and seeks to recognize the full range of activities that academic, governmental, and industrial statisticians and scientists study in statistics and the environment. Environmental statistics is interdisciplinary, and outstanding contributions may occur outside of traditional disciplinary niches.

To be eligible for a Distinguished Achievement Medal, a nominee must (a) have made distinguished contributions to environmental statistics; (b) have been a member of ENVR for the three years prior to June 1, 2018, with current membership in ENVR; and (c) not have received the award in a previous year.

The Early Investigator Award is meant to encourage and recognize newer members of the environmental statistics community. To be eligible for the Early Investigator Award, a nominee must (a) have made outstanding contributions to environmental statistics and show potential for future distinction; (b) have been a member of ENVR for the year prior to June 1, 2018 with current membership in ENVR; (c) not have been a recipient of the Early Investigator Award from a previous year; (d) not have been awarded the Distinguished Achievement Medal, and (e) have received her/his terminal degree fewer than 12 years prior to the nomination deadline.

For both awards, the Committee considers only those members for whom nominations are submitted. Committee members do not offer nominations, but encourage ASA members to make a thorough search for good candidates. Nominators and letter writers are limited to 2 nominees per year.

For the 2018 competition, nomination materials must consist of the following:

- A nomination letter featuring the nominee's contributions to environmental statistics including a draft citation statement of 50 words or less that concisely describes achievements for which the nominee is being nominated
- A brief CV for the nominee, not exceeding five pages
- At least one (1) and up to three (3) external letters of support (note: letter writers are limited to supporting just two candidates per year, total, for either the DMA or the EIA)
- A clear statement for which of the two awards the nominee should be considered.

All nomination materials must be received by March 31, 2018 and should be submitted electronically as a PDF document (preferred) or a Word file. Nominations from past years will not be considered unless they are formally resubmitted during 2018. Submit nominations to Lance Waller by email to lwaller@emory.edu.

Members of the ENVR Awards Committee will make the selection, and successful nominees will receive their award at the ENVR business meeting and reception during the Joint Statistical Meetings in Baltimore, MD (USA). Questions regarding the award should be addressed to Lance Waller at the address listed above.

(4) Nominations for the 2018 SPES Award

The Statistics in Physical and Engineering Sciences (SPES) Award Committee invites nominations for the 2018 SPES Award. The SPES Award was initially established in 1990 to recognize outstanding collaborative endeavors between statisticians and chemists. Beginning with the 2015 award year the
award's scope has been expanded to recognize outstanding collaborative endeavors between statisticians and scientists throughout the physical and engineering sciences. In even-numbered years, the award is presented for distinguished work performed during the previous two years by a collaborative team of statisticians and practitioners in an industrial, manufacturing, or research organization. Nominations are due by February 20th 2018. Nominations should be submitted to Ming Li, SPES Award Committee Chair at mli@alumni.iastate.edu and more information can be found at: www.amstat.org/ASA/Your-Career/Awards/...

(5) Call for SPAIG Award Nominations to Recognize Successful Collaborations

Have you seen great examples of statistical partnerships and collaborations? Are you part of an organization that has an effective partnership with another organization? Then we want your help. We want nominations that recognize excellence among collaborating organizations for the ASA SPAIG award.

The key element to qualify is as follows: "Nominees must represent at least two of the organizations from academe, industry, or government. Also, their collaboration must have resulted in significant contributions to the statistical field with applications to real-world problems."

For nomination instructions and a form, visit the SPAIG website. The winner will be recognized at this year's Joint Statistical Meetings in Vancouver, BC, Canada. Nominations are due by March 1, 2018.

Instructions:

www.amstat.org/ASA/Your-Career/Awards/...

AmStat News Articles:

magazine.amstat.org/blog/2017/10/01/asajsmawards
magazine.amstat.org/blog/2017/12/01/spaig_2017