Caucus of Academic Reps (CAR) Weekly Digest
June 23, 2017

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Positions

(1) University of Texas at Austin: Postdoctoral Research Fellow

Requirements: PhD in Statistics, Computational Science, or related degrees.
Description: The Eberlin Lab at the University of Texas at Austin is seeking a highly motivated and talented postdoctoral research fellow with experience in computational statistics, machine learning, and software development. Our research group develops mass spectrometry techniques for molecular imaging of cancer tissues. Using machine learning algorithms, we develop predictive models from large metabolic datasets integrated into software applications for real time cancer diagnosis. The candidate should have experience with scripting programming languages including, but not limited to, Python and R, in addition to development of graphical user interface applications. Proficiency with a broad spectrum of unsupervised and supervised learning techniques is expected. The postdoctoral fellow will be involved in several research projects in collaboration with MD Anderson Cancer Center, Baylor College of Medicine and Stanford University to continue developments in these areas.

Benefits: Competitive salaries and benefits are offered. Austin is a beautiful, family-friendly city with a diverse and progressive population.

For more information, please contact: liviase@utexas.edu

For information on our research group, please visit: https://eberlin.cm.utexas.edu/

(2) University of Michigan, Department of Biostatistics and Center for Statistical Genetics: postdoctoral fellowships

The Department of Biostatistics and the Center for Statistical Genetics invite applications for postdoctoral fellowships emphasizing statistical methods development and application for the design and analysis of sequence and array-based association studies, and gene expression studies. Our group leads large-scale genetic studies of a variety of complex diseases and traits, including type 2 diabetes and related traits, macular degeneration, cardiovascular disease, bipolar disorder, and schizophrenia, and the development of key genomic resources and analysis methods and software. Post-doctoral positions may emphasize understanding the genetic basis of one or more of these diseases and traits, the development of statistical genetics methods and software relevant to such studies, or innovative methods for communicating study results and engaging research participants. Our group has an outstanding record in helping previous fellows move on to successful careers in academia or wherever their interests lie.

Generous salary support is available. Applicants should have a doctoral degree in Biostatistics, Human Genetics, Computer Science, Epidemiology, or other relevant discipline.

Applicants should send CV, academic transcripts, and statement of research interests, and have at least three letters of reference sent to: Michael Boehnke (734-936-1001, boehnke@umich.edu) and Gonçalo Abecasis (734-763-4901, goncalo@umich.edu), Department of Biostatistics, School of Public Health, University of Michigan, 1415 Washington Heights, Ann Arbor, Michigan 48109-2029.

Applicant review is ongoing and will continue until positions are filled.

(3) Data Science Incubator: Intensive 8-week fellowships

The Data Incubator is an intensive 8 week fellowship that prepares masters students, PhDs, and postdocs in STEM and social science fields seeking industry careers as data scientists. The program is
free for Fellows and supported by sponsorships from hundreds of employers across multiple industries. In response to the overwhelming interest in our earlier sessions, we will be holding another fellowship.

Who Should Apply: Anyone who has already obtained a masters or PhD degree or who is within one year of graduating with 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.

Locations: In addition to the below in-person locations, we will have a remote online session:

- New York City
- San Francisco Bay Area
- Seattle
- Boston
- Washington, DC.

Dates: All sections will be from 2017-09-11 to 2017-11-03.

Application Link: https://www.thedataincubator.com/fellowship.html?ch=em&ref=54c871f53b5c#apply

Data Science in 30 minutes: Learn how to build a data-science project in our upcoming free Data Science in 30-minutes webcast. Signup soon as space is limited.

Learn More: You can learn about our fellows at The New York Times, LinkedIn, Amazon, Capital One, or Palantir. To read about our latest fellow alumni, check out our blog. To learn more about The Data Incubator, check us out on Venture Beat, The Next Web, or Harvard Business Review.

(4) Weill Medical College, Cornell University, Division of Biostatistics & Epidemiology, Department of Healthcare Policy & Research: Postdoctoral Associate in Biostatistics

The Division of Biostatistics and Epidemiology within the Department of Healthcare Policy Research at Weill Cornell Medicine invites applications for a post-doc position to start in 2017. We seek an outstanding individual an interest in the area of (1) analysis of large data sets/data science, or (2) multivariate statistics or longitudinal data.

Weill Cornell Medicine is among the top-ranked clinical and medical research centers in the country and is located in New York City. The Division of Biostatistics and Epidemiology has a growing research and teaching program. Faculty members collaborate with clinical, translational, and basic science researchers across the medical college and affiliated institutions. They are also engaged in conducting methodology research and teaching graduate level courses.

The successful applicant will have a PhD or equivalent in Biostatistics, Statistics, Computer Science, or a related field. The successful candidate will also work with a faculty statistician on statistical methodology. The specific project(s) will be either in the area of multivariate methodology, longitudinal data and/or predictive modeling. The individual will also work with a faculty statistician on the design of collaborative projects, data analysis, result summary and interpretation, and manuscript preparation using a variety of statistical methodologies and statistical software packages. There will also be the opportunity to teach graduate level courses. Publications in peer-reviewed journals and presentations at scientific meetings are expected and encouraged.
Interested applicants should submit a letter of interest highlighting their experience and career goals, a curriculum vita, and names of 3 professional references to Dr. Samprit Banerjee (sab2028@med.cornell.edu). Review of applications will begin immediately and will continue until the positions are filled. Questions should be directed to Dr. Samprit Banerjee.

(5) Le Moyne College: Adjunct and Visiting Position in Statistics

Le Moyne College has two openings for statistics professors for this fall - one as a full time Visiting Assistant Professor and one as a part time Adjunct Assistant Professor. The adjunct position requires only a masters, the visiting position requires at least an ABD in mathematics or statistics. Feel free to pass these job postings off this list to anyone you know who might be interested.

Visiting Assistant Professor: https://lemoyne.interviewexchange.com/jobofferdetails.jsp?JOBID=85856
Adjunct Assistant Professor: https://lemoyne.interviewexchange.com/jobofferdetails.jsp?JOBID=85851

(6) Nova Southeastern University: Full-time visiting faculty position

Details at www.nsujobs.com/applicants/Central?quickFind=81356

Funding opportunities and information

(1) Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences

An updated NSF program solicitation (NSF 17-569) is now available: Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences

Please see www.nsf.gov/funding/pgm_summ.jsp?pims_id=5300

Workshops and Conferences

(1) The 2nd Seasonal Adjustment Practitioners Workshop

Save the Date: Thursday, April 26, 2018
Location: Bureau of Labor Statistics, 2 Massachusetts Avenue, NE, Washington, DC 20212
For more information: Send email to esmd.seasonal.workshop@census.gov

The 2nd Seasonal Adjustment Practitioners Workshop (SAPW), organized by the U.S. Census Bureau and the Bureau of Labor Statistics is a one-day conference for public employees (and others) actively involved in seasonal adjustment. This is your opportunity to

- share experiences in producing seasonal adjustments;
- give details of interesting problems and possible solutions;
- discuss best practices in seasonal adjustment and time series modeling;
- share lessons learned, tips, and shortcuts;
- present applied research in seasonal adjustment practice.

A call for papers and registration information will be forthcoming.

### Awards

**1. Call for Nominations: AAAS Scientific Freedom and Responsibility Award**

**DEADLINE: SEPTEMBER 1, 2017**

The award recognizes scientists or engineers or their associations whose exemplary actions have fostered scientific freedom and responsibility. Such achievements can include acting to protect the public's health, safety or welfare; focusing public attention on important potential impacts of science and technology on society by their responsible participation in public policy debates; or establishing important new precedents in carrying out the social responsibilities or in defending the professional freedom of scientists and engineers.

While some of the awardees have risked their freedom and even physical safety by their actions, others are honored for activities that demonstrate their devotion to the values most honored in the scientific community. Additionally, although some award winners are distinguished scientists or scholars, this is not a requirement for award selection.

This prestigious award has been given by the American Association for the Advancement of Science since 1980. The successful candidate receives a plaque, $5,000 and is honored at the AAAS Annual Meeting (February 2018, Austin, TX).

Nominations should be sent via postal mail or email to Deborah Runkle, drunkle@aaas.org.

Required documentation includes:

- Nominator's contact information (including email, address, and phone number)
- Nominee's name and title, institutional affiliation, and contact information
- A summary of the action(s) that form the basis for the nomination (about 250 words)
- A longer statement (no more than three pages) providing additional details of the action(s) for which the candidate is nominated
- The nominee's CV (no more than three pages)
- Optional: Any documentation (books, articles, or other materials) that illuminates the significance of the nominee’s achievement
- Optional: Letters of support

Send postal submissions to:
AAAS Center of Science, Policy and Society Programs
Attention: Deborah Runkle
1200 New York Avenue, NW
Washington, DC 20005

Other opportunities or information

No new listings