Caucus of Academic Reps (CAR) Weekly Digest
March 27, 2017

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positions

(1) University of Washington, Department of Statistics: lecturer and director of student consulting program

The Department of Statistics at the University of Washington is recruiting for a full-time Lecturer position that includes responsibility for both teaching and directing the department’s student consulting program. The consulting program operates jointly with the Department of Biostatistics and faculty co-directors from the Department of Biostatistics. You can learn a little more about the consulting program at www.stat.washington.edu/consulting.

This would be a full-time, multi-year appointment. Applicants must have a Ph.D. degree (or foreign equivalent) by the start of the appointment. Employment will be held for 12 months of the year – 9 months during the regular academic cycle, plus an additional 3 summer months.

Duties of this appointment include directing the department’s student consulting program operated jointly with Biostatistics, as well as teaching undergraduate and graduate courses in Statistics, and service. We encourage applications from exceptional candidates with relevant statistical consulting or experience in applied research.

All University of Washington faculty engage in teaching, research and service.

Applicants should send a letter of application, curriculum vitae, a statement describing relevant experience and interests, which may include a description of work with, and commitment to, diverse communities. Applicants should also arrange for at least three (and no more than six) letters of recommendation. All application materials should be submitted online at: apply.interfolio.com/41069

Review of applications will begin on March 15, 2017 and continue until the position is filled. Applications received by April 17, 2017 are guaranteed full consideration. Questions about the position should be directed to search@stat.washington.edu.

(2) Ohio State University, Division of Biostatistics, College of Public Health: Postdoctoral Research Fellow Position Bayesian Methods for Causal Inference

Division of Biostatistics, College of Public Health, The Ohio State University and the Nationwide Children’s Hospital (NCH) invite applications for an open post-doctoral fellow position. This position is created with funding support from the College of Public Health and the Center for Pediatric Trauma Research at NCH, to explore new statistical methodological issues concerning health outcome research and big data analysis. The fellow will work under the joint supervision of Drs. Bo Lu (Division of Biostatistics), Steve MacEachern (Department of Statistics) and Henry Xiang (NCH and Division of Epidemiology), and will be supported by a team of epidemiologists and data managers. The general research topics focus on Bayesian methods for causal inference, statistical models for big data with applications in healthcare and health services research. Publications in peer-reviewed journals are expected. This post-doctoral fellow will be officially managed by the NCH Patient-Centered Pediatric Research Fellowship Program. The fellow will have opportunities to participate in pediatric/injury research projects in collaboration with clinical investigators and other post-doctoral fellows. The appointment will be for a two-year period.
Position Qualifications: Ph.D. degree in biostatistics, statistics, or related quantitative fields; interest and track record in statistical methodology research; strong programming skills; working knowledge of Bayesian models or causal inference is a plus; excellent written and oral communication skills.

Salary/Benefits: Salary will be determined based on years of experience following the NIH National Research Service Award guidelines. This position will be eligible for full time benefits offered to all full time employees at NCH.

Application Address: Applicants should arrange to send a letter of interest (including a summary of research interests), curriculum vitae, relevant transcripts, up to two publications or working papers, and the contact information for three references as one PDF file to Dr. Bo Lu (Email: Lu.232@osu.edu; Phone: 614-247-7913) or Dr. Henry Xiang (Email: xiang.30@osu.edu; phone; 614-355-5893)

(3) University of Pennsylvania, Division of Biostatistics, Perelman School of Medicine: University of Pennsylvania

The Division of Biostatistics at the Perelman School of Medicine, University of Pennsylvania invites applications for one postdoctoral fellow under the joint supervision of Dr. Mingyao Li and Dr. Qi Long. The position is open until filled and the initial appointment is for one year, with a possible extension for a second year. The successful candidate will have opportunities to work on methodology projects for single cell sequencing data and other problems related to statistical genomics. The successful candidate will also have opportunities to conduct collaborative research in areas such as cancer. Publications in peer-reviewed journals and presentations at scientific meetings are expected and encouraged.

More information about our ongoing research can be found on Dr. Mingyao Li’s website (www.med.upenn.edu/apps/faculty/index.php/g275/p8122973) and Dr. Qi Long’s website (http://group-qilong.rhcloud.com/).

Position Qualifications: Ph.D. degree in biostatistics, statistics, or related quantitative fields. Strong methodological training in statistics, excellent programming skills in R/Matlab/Python and possibly one lower level computer language such as C/C++, and excellent written and oral communication skills are desirable. Expertise and experience in analysis of genetics and genomics data (particularly single cell sequencing data) is preferred.

Benefits: www.med.upenn.edu/postdoc

Application Instructions: Applicants should email a research statement, CV, and contact information (email and phone) for three references to Dr. Mingyao Li (Mingyao@mail.med.upenn.edu) and Dr. Qi Long (qlong@upenn.edu) with subject line: Penn Biostat Postdoc, 2017.

Funding opportunities and information

(1) Monthly message from the Director of the NSF

View the Director’s monthly message here. The topic is neuroscience research.
The NINDS Clinical Trial Methodology Course: biostatistics trainees

The National Institutes of Neurological Disorders and Stroke (NINDS) Clinical Trial Methodology Course (CTMC) is seeking trainees from the field of biostatistics. The CTMC is an intensive, engaging program designed to help investigators develop scientifically rigorous, yet practical clinical trial protocols. The focus of the course is on interventions (drugs, devices, behavioral interventions) delivered for neurological diseases or injuries. Further details of the overall course can be found at [https://nett.umich.edu/training/ctmc](https://nett.umich.edu/training/ctmc)

The course will help early career biostatisticians gain practical experience to improve the design of early-phase trials. Biostatistician and clinician course faculty will illustrate the consideration and implementation of various strategies for small sample size trials, trials in rare diseases, and many other forms of exploratory phase clinical trials.

Specific issues arise in the design of clinical trials for neurological diseases. Our strategy emphasizes early scientific partnership between clinicians and biostatisticians. The course is project based, with clinician scientists proposing to develop their idea. It is structured using webinars and video teleconferences in the spring, a 4-day residential course in the summer (August 7-11, 2017 in Iowa City), and further webinars and small group teleconferences in the fall. Funding for travel, lodging and meals will be provided by the course. CTMC course faculty have extensive biostatistical and clinical experience with neurologically focused clinical trials, and work in several NINDS-funded clinical trial networks including the Neurological Emergencies Treatment Trials Network, StrokeNET, and NeuroNEXT.

Ideal applicants are in early faculty positions (instructor or assistant professor) in biostatistics. Biostatistics candidates do not need to have a specific project and do not need to apply using the standard form for clinician-based projects.

**Biostatistician application requirements:**

1. Cover letter. Indicate your interest in the course; past experience with statistical methods and applications in neurology and neurosciences; past experience with clinical trials (in neurology or other disciplines). Indicate how the course will assist in your future career path.

2. NIH style biosketch with brief personal statement.

Send applications to NINDS-CTMC-Info@umich.edu by March 31st, 2017. Spots are limited. Please contact us early with any questions if you are considering this training opportunity.

The NINDS Clinical Trials Methodology Course is supported by the NIH-NINDS grant R25 NS088248 and is administered by the University of Michigan, the University of Iowa, and Los Angeles BioMed.

Additional support is provided through a grant by the American Academy of Neurology.
(1) **7th Eubank conference**

Registration is open for the 7th Eubank Conference to be held Monday, April 24, 2017 at Rice University. The theme of this year's conference is "High Frequency Trading: Mitigating its Impact on Trading and Investing." Additional information and registration is available at [http://eubankconference2017.rice.edu/](http://eubankconference2017.rice.edu/).

This conference brings together thought-leaders, practitioners and innovators to discuss the changing structure of financial markets and how quantitative scientists and traders can assist with understanding and navigating this change. This year's speaker lineup includes Joe Saluzzi co-author of Broken Markets, Sheri M. Markose from the University of Essex, Lynn Lewis formerly of Greenstreet Advisors, and John Ramsay from IEX Group, among others.


Limited student travel awards are available for students. Interested students should contact Dr. Katherine Ensor (ensor@rice.edu) or Dr. John Dobleman (dobelman@rice.edu).

We hope that you can join us on April 24th and 25th for another exciting conference.

(2) **22nd Summer Institute in Statistical Genetics**

The 22nd Summer Institute in Statistical Genetics will be held in Seattle, July 10-28 of this year. Four new modules have been included in the 20 modules on offer.

Scholarships have been awarded to students who applied by the original March 1 deadline but we expect to offer a few more for applications received by April 1.

Full details are available at [www.biostat.washington.edu/suminst.sisg](http://www.biostat.washington.edu/suminst.sisg)

(3) **2017 Conference on Lifetime Data Science**

University of Connecticut, Storrs | Thursday, May 25–Saturday, May 27, 2017

The [2017 Conference on Lifetime Data Science](http://www.biostat.washington.edu/suminst.sisg) conference will promote and support the development, application, and appropriate use of statistical methods for lifetime or time-to-event data in data science, precision medicine, and risk analysis.
The preliminary conference program and schedule are now available and participants can register online.

[View Conference Schedule] [Register Online]

**Awards**

No new announcements this week

**Other opportunities or information**

(1) Position announcements in The World of Statistics Newsletter – no cost!

The World of Statistics is adding job listings for statistics and data science to the newsletter. There is no cost for listing available jobs, but listings must be limited to 250 words and include a link to where more detailed information about the position can be found. Send your listing to ron@amstat.org.

Not familiar with this? The World of Statistics is a newsletter that goes out every 3-4 weeks to thousands of societies, colleges and universities, businesses, and individuals. If you aren’t receiving it, click here.