Digest of Items of Interest to the Caucus of Academic Reps – October 11, 2013

Funding

- Defense Advanced Research Projects Agency (DARPA) solicitations

Positions Open

- Tenured or tenure track, Emory University
- Assistant Professor in Statistics, University of Colorado Denver

Conference

- Frontiers of Hierarchical Modeling in Observational Studies, Complex Surveys and Big Data - In honor of Malay Ghosh of the University of Florida to celebrate his 70th Birthday

Funding

Defense Advanced Research Projects Agency (DARPA) solicitations

Defense Advanced Research Projects Agency (DARPA) has many solicitations on its website some of which may be of interest to the statistical science community: http://www.darpa.mil/Opportunities/Solicitations/DARPA_Solicitations.aspx. Below are a couple possibilities. The first one lists applied mathematics but not statistics after this heading: "Areas of interest include, but are not limited to:"


   DARPA is soliciting innovative research proposals of interest to the Defense Sciences Office. Proposed research should investigate innovative approaches that enable revolutionary advances in science and technology. Specifically excluded is research that results primarily in evolutionary
improvements to the existing state of the art.


The Defense Advanced Research Projects Agency (DARPA) is soliciting innovative research proposals of interest to the Information Innovation Office (I2O). Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of the art. I2O seeks unconventional approaches that are outside the mainstream, undertaking directions that challenge assumptions and have the potential to radically change established practice.

Positions Open

Tenured or tenure track, Emory University

Emory University is recruiting up to two tenured or tenure-track positions at all levels. All research areas of biostatistics and bioinformatics are welcome; for one position, preference will be given to individuals who can build upon the department’s Center for Biomedical Imaging Statistics. Duties include methodological and collaborative research, teaching, and the supervision of PhD and master’s students. Details available at http://www.sph.emory.edu/departments_centers/bios/bios_job.html. AA/EOE.

See also attached file (copied below):

The Department of Biostatistics and Bioinformatics is seeking to fill up to two tenured or tenure-track faculty openings at all levels (full, associate, and assistant professors). We are recruiting for faculty in all areas, but we especially welcome applications from candidates with research interests focused on the development and application of quantitative methods for high-dimensional data analysis. For one position, preference will be given to individuals specializing in biomedical imaging research, to build upon the department’s Center for Biomedical Imaging Statistics with links to imaging research across the health sciences. Responsibilities associated with these positions include methodological and collaborative research, teaching, and the supervision of graduate students.

Collaborative opportunities exist within the Rollins School of Public Health departments of epidemiology, behavioral sciences and health education, health policy and management, environmental and occupational health, and global health. Research opportunities also exist throughout Emory’s Woodruff Health Sciences Center including the School of Medicine, the Winship Cancer Institute, Yerkes Primate Center, the Vaccine Center, and the Center for AIDS Research.

The department currently has 26 doctoral faculty and 8 masters level associate faculty members with primary appointments. The department participates in the Atlanta Clinical and Translational Research Institute, serves as the Data Coordinating Center for several NIH clinical trials, and operates the Biostatistics Consulting Center. The department offers a
doctoral graduate program in biostatistics from the Laney Graduate School of Arts and Science and master’s degree programs in biostatistics and public health informatics from the Rollins School of Public Health. A concentration in bioinformatics, imaging, and genetics (BIG) is available at the doctoral level.

Requirements: doctoral degree in biostatistics/statistics or a related field; strong record of or high potential for methodologic research; intent and ability for scientific collaborative research and graduate level teaching; excellent oral and written communication skills. Candidates for associate or full professor should have an established record of funded research.

Salary and rank commensurate with experience. A letter summarizing experience, a statement of research interests, a complete curriculum vitae, and three reference letters should be sent to:
Faculty Search Committee, c/o Mary Abosi (mabosi@emory.edu) Emory University, Department of Biostatistics and Bioinformatics, 1518 Clifton Rd., NE, Atlanta, GA 30322

Consideration of applications will begin immediately, and applications will be considered until positions are filled. Successful candidates must be authorized to work in the United States. The Rollins School of Public Health of Emory University is an equal opportunity/affirmative action employer. The department has a culturally diverse faculty and strongly encourages applications from women and minority candidates.

Assistant Professor in Statistics, University of Colorado Denver
Department of Mathematical and Statistical Sciences
Job Posting F00774

The Department of Mathematical and Statistical Sciences at the University of Colorado Denver invites applications for a tenure-track assistant professor in statistics, to start August 2014. We seek a statistician who can strengthen existing research capabilities and educational offerings in statistics and can capitalize on opportunities afforded by our downtown Denver location and collaborative relationships with the Anschutz Medical Campus (AMC), National Center for Atmospheric Research (NCAR) and National Renewable Energy Laboratory (NREL).

Candidates with interest and academic and research records in statistical theory or problems involving large/massive and complex data (“big data”) are preferred. Further preference will be given to candidates with demonstrated potential for attracting external research funding and with research interests compatible with present faculty research areas. In addition, an interest in interacting with faculty in other research areas in the department and/or University is desirable.

The University of Colorado Denver | Anschutz Medical Campus is a premier research university in Colorado, attracting more than $375 million in research annually, serving more than 19,000 undergraduate, graduate and health professions students in
Denver, Aurora and online. The University awards nearly 4,000 degrees every year in over 130 degree programs through 13 colleges and schools. The Anschutz Medical Campus includes over 5 million square feet of research, educational and clinical space on 227 acres. The Denver Campus is located in one of America's most vibrant urban centers, just steps from the Denver Center for Performing Arts, the LoDo entertainment, retail and residential district and the state capitol. On both campuses, students, staff and faculty have access to a broad array of academic, professional, community, recreational and cultural opportunities.

The Department has 17 tenured or tenure-track faculty members whose research and teaching cover a wide range of areas, including computational mathematics, probability, statistics, graph theory, combinatorics, operations research, and optimization. Faculty research areas in statistics include, but are not limited to, spatial statistics, statistical genetics and genomics, data assimilation, Bayesian statistics, and environmental and ecological applications. The Department has approximately 50 M.S. and Ph.D. students, and 150 undergraduate mathematics majors. Many departmental faculty are involved with the Center for Computational Mathematics, and the University owns a major supercomputing facility with large reserved allocations available.

The candidate will be expected to develop a strong independent research program with external funding, to teach a variety of courses at both the graduate and undergraduate levels, and to supervise M.S. and Ph.D. students. The regular teaching load is 4 undergraduate or graduate courses per year, which may be reduced for an initial period.

A completed doctoral degree in statistics or a related area, or expected completion by the start of the appointment, is required. The candidate should have an excellent record in research in statistics commensurate with the career stage, and strong commitment to quality teaching at both undergraduate and graduate levels.

Salary is commensurate with skills and experience. The University of Colorado offers a full benefits package. Information on University benefits programs, including eligibility, is located at http://www.cu.edu/pbs/

Conference

Frontiers of Hierarchical Modeling in Observational Studies, Complex Surveys and Big Data

in honor of Malay Ghosh of the University of Florida to celebrate his 70th Birthday

On May 29-31, 2014 a conference on Frontiers of Hierarchical Modeling in Observational Studies, Complex Surveys and Big Data will take place at the University of Maryland, College Park campus in honor of Professor Malay Ghosh to celebrate his 70th birthday. The conference is jointly sponsored by the Joint Program in Survey Methodology (JPSM), the Institute of Mathematical Statistics (IMS), Washington Statistical Society (WSS) of the

Abstract submission is now open for the following three types of contributed sessions:
1) Regular contributed session (15-minute oral presentation for each speaker)
2) Poster session plus 3-minute oral presentation of each poster in a special plenary session
3) Posters only

Participants may present a paper or poster on a variety of topics, which include, but are not limited to, the following:
• Empirical and hierarchical Bayes
• Hierarchical models
• Small area estimation
• Case-control studies and choice-based sampling
• Nonparametrics
• Bayesian approaches to Statistical Machine Learning and Data Mining
• Empirical likelihood
• Sequential analysis

Please send a word or latex file of the title and abstract (max. 300 words) of your talk indicating your choice for the type of contributed sessions listed above (i.e. regular contributed session, poster session plus 3-minute oral presentation, or posters only) to Yan Li at yli@survey.umd.edu as soon as possible but no later than February 14, 2014. Abstracts will be accepted on a first-come, first-served basis, subject to a favorable review and space constraints.

For a list of invited speakers, registration information, details about the meeting location, travel information and contact information for those involved with organizing the conference please visit the conference website (http://www.jointprogram.umd.edu/ghosh/).