Digest of Items of Interest to the Caucus of Academic Reps – November 8, 2013

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- NEXT WEEK - PQG Conference - Emerging Quantitative Issues in Disease Epigenetics - REGISTER NOW!

Funding

Department of Energy Office of Science: Annual Open Solicitation

On October 1, the DOE Office of Science issues its annual solicitation for FY14. There is no deadline for this call.

Statistical science proposals are primarily accepted through the Applied Mathematics program of Advanced Scientific Computing Research (ASCR), one of six scientific program offices. For this program, researchers are encouraged to send a 3-4 page white paper via e-mail to a program contact detailing the proposed effort. Pending review of this, a full proposal may be encouraged. Below is the ASCR applied math excerpt from the annual solicitation call.

The ASCR Applied Math sometimes does special calls. Last spring, they issued two calls, one titled, "Uncertainty Quantification Methodologies for Enabling Extreme-Scale Science," and the other, "Mathematical and Statistical Methodologies for DOE Data-Centric Science at Scale." Both are linked from this ASA Community blog entry:
http://community.amstat.org/Blogs/BlogViewer/?BlogKey=48fe8266-22ba-4f29-983b-2b519117998b. We are not aware of any upcoming special solicitations at this time.

Here is the applied math write-up from the call:
This subprogram supports research and development of applied mathematical models, methods, and algorithms for understanding complex natural and engineered systems related to
DOE's mission. Important areas of supported research include: (1) novel numerical methods for the scalable solution of large-scale, linear and nonlinear systems of equations, including those architectures; (2) optimization techniques and next-generation solvers; (3) numerical methods for modeling multiscale, multi-physics or multi-component continuous or discrete systems that span a wide range of time and length scales; (4) methods of simulation and analysis of systems that account for the uncertainties of the systems, or are inherently stochastic or uncertain; and (5) innovative approaches for analyzing and extracting insight from large-scale data sets.

Subprogram Contacts: Sandy Landsberg, (301) 903-8507, Sandy.Landsberg@science.doe.gov; Steven Lee, (301) 903-5710, Steven.Lee@science.doe.gov; and Karen Pao, (301) 903-5384, Karen.Pao@science.doe.gov

Website: [http://science.energy.gov/ascr/research/applied-mathematics/](http://science.energy.gov/ascr/research/applied-mathematics/)

Positions

**Assistant/Associate Professor, Miami University** (Middletown Campus), Department of Statistics

Miami University invites applications for the position of assistant professor or associate professor (tenure track) in the Department of Statistics beginning in August 2014.

The position is based at the Middletown regional campus, and duties include teaching, scholarship, and service. In addition, the position includes appointment as a statistician or as assistant director of the Applied Research Center of Miami University, a policy research and analysis center located in Middletown that has pursued large-scale research projects for state and federal agencies since the 1980s. Expectations include teaching undergraduate statistics courses (both classroom-based and online formats); providing service, including statistical consultation, to the campus and community; and continued scholarship and publication. Additional opportunities include but are not limited to designing and teaching interdisciplinary courses in the Bachelor of Integrative Studies program; teaching courses and directing graduate research in Miami’s master’s degree program in Statistics, as well as collaborative scholarship with colleagues in the natural, social, and applied sciences on all campuses. Significant service, including meaningful and ongoing activities involving community engagement, will be highly valued.

Require: The successful candidate will possess a doctorate in Statistics or Biostatistics by the start date and have a record or demonstrated potential in the areas of teaching, scholarship, and service. Applicants from all areas of statistics will be considered. For appointment with rank of associate professor, an established record in the areas of teaching, scholarship, and
service will be required. Desire: experience with applied statistical research and publication; the writing/administration of grants.


Send letter of application, CV, transcripts, statement of teaching philosophy, research agenda, and three letters of recommendation to statsearchMUM@MiamiOH.edu.

Screening begins December 1, 2013 and continues until the position is filled.

Miami University is an EOE/AA employer with smoke- and tobacco-free campuses. Miami’s Annual Security and Fire Safety Report with information on campus crime, fires, and safety may be found at: http://www.MiamiOH.edu/campus-safety/annual-report/index.html. Hard copy available upon request. Employment will require a criminal background check according to University guidelines.

Three faculty positions, Colorado State University

The Department of Statistics at Colorado State University is seeking candidates for three faculty positions. The positions start in fall 2014. Applications completed by December 1, 2013 will receive full consideration. The department invites applications for the following positions:

1. A tenure track faculty position at the rank of Assistant Professor A Ph.D. in statistics, biostatistics or a related field and a commitment to high-quality research in statistics and excellence in teaching are required. A record of statistical research with relevance to bioinformatics or computational biology is also required.

2. An open rank Special Appointment Faculty statistical consultant position, starting August 2014. This position involves providing advice on statistical analysis to a broad population of researchers in diverse fields across the university and engaging with these researchers in collaborative research.

3. A Special Appointment Assistant Professor position which focuses on teaching.

See http://cns.natsci.colostate.edu/employment/Stats/ for more information about all three positions. If you have any additional questions about the positions, please contact Professor Jennifer Hoeting, Acting Department Chair (jah@rams.colostate.edu, 970-491-2897).

Colorado State University is an EO/EA/AA employer and conducts background checks on all final candidates.
Assistant/Associate Professor of Biostatistics, Harvard School of Public Health and the Dana-Farber Cancer Institute

The Department of Biostatistics at the Harvard School of Public Health (HSPH) and the Dana-Farber Cancer Institute (DFCI) seek outstanding candidates for two positions of assistant or associate professor. These are tenure-ladder positions, with the academic rank to be determined in accordance with the successful candidates’ experience and productivity.

One position is based in the Department of Biostatistics at HSPH and is affiliated with the Program in Quantitative Genomics, a school-wide interdisciplinary program promoting research and education in statistical genetics and genomics and computational biology. We seek candidates with strong backgrounds in methodological research in statistical genetics and genomics and its applications in health science.

A second position is based in the Department of Biostatistics and Computational Biology at DFCI. We are seeking candidates with strong backgrounds and demonstrated experience in computational biology and bioinformatics, biostatistics, systems biology, computer science, or related fields with potential to become a leader in the application of these quantitative disciplines in cancer research.

Responsibilities will include methodological and collaborative research, teaching, and supervision of graduate students. Candidates are required to have a doctorate or terminal degree in biostatistics, genetics, statistics, computer science, or allied fields by the time the appointment begins. Please apply to: https://academicpositions.harvard.edu/postings/5122

For questions, please contact:
Chair, Search Committee for Assistant/Associate Professors of Biostatistics
c/o Vickie Beaulieu
Department of Biostatistics
Harvard School of Public Health
Email: biostatjrsearch@hsph.harvard.edu

Harvard University and the Dana-Farber Cancer Institute seek to find, develop, promote, and retain the world’s best scholars and are Affirmative Action/Equal Opportunity Employers. Applications from women and minority candidates are strongly encouraged.

Information on resources for career development and work/life balance at HSPH can be found at: http://hsph.me/resources-career-development-and-work-life-balance

Tenure-Track Position at Bucknell University

The Department of Mathematics at Bucknell University invites applications for a tenure-track, open-rank position in statistics, beginning August 2014. Qualifications for the position include a Ph.D. (which is preferred to an ABD, but the latter is considered) in statistics or another field of the mathematical
sciences, a solid background in statistics, strong commitment to teaching statistics, and high potential for research. The successful candidate will teach a variety of statistics courses, maintain an active research program, and contribute to the department's focus on effectively serving a diverse student body.

Bucknell is a private, highly selective, primarily undergraduate university of about 3500 students. Its broad curriculum in the liberal arts is complemented by strong professional programs in engineering, education, music, and management. The University is situated in the picturesque and historic town of Lewisburg, on the banks of the Susquehanna River in central Pennsylvania. Bucknell University, an Equal Opportunity Employer, believes that students learn best in a diverse, inclusive community and is therefore committed to academic excellence through diversity in its faculty, staff, and students. Thus, we seek candidates who are committed to Bucknell's efforts to create a climate that fosters the growth and development of a diverse student body. We welcome applications from members of groups that have been historically underrepresented in higher education.

Applications include curriculum vitae, graduate transcripts (unofficial copies accepted), a research statement, and a teaching statement. Please submit these and all other supporting materials electronically at https://www.mathjobs.org/jobs/jobs/4775. Please arrange for three letters of recommendation (at least one of which should address teaching) to be uploaded at mathjobs.org. The application deadline is December 2, 2013 although late responses may be considered.

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**Conferences/Workshops**

**Bayesian Biostatistics and Bioinformatics Workshop, MD Anderson, Feb 12-14 2014. [online registration and call for posters](https://www.mathjobs.org/jobs/jobs/4775)**

Event dates: Wednesday to Friday, February 12-14, 2014

Location: MD Anderson Cancer Center’s Mid Campus Building 1, Third Floor, Rooms 1-8, 7007 Bertner Avenue, Houston, Texas 77030, USA

Target Audience: Current and prospective users of Bayesian methodology in biostatistics and bioinformatics, with a focus on (1) Biomarker-driven clinical trials and (2) Integrative models for analyzing high-dimensional multiplatform bioinformatics data.
Keynote Speaker: Wing Hung Wong, Ph.D., Stanford University

Possible Topics of Invited Sessions:
* Enrichment designs
* Imaging analysis
* Deconvolving tumor heterogeneity
* Integrative genomics
* Drawing inferences from large databases
* NGS data analysis
* Biomarker-driven adaptive designs
* Subgroup analysis
* Anti-infectives and other non-cancer therapeutic areas

Call for Posters
All participants are encouraged to display a poster at the conference poster session - to be held Wednesday, February 12, in conjunction with the evening reception. If interested, send an abstract (300 words maximum) to Lydia Davis (lbldavis@mdanderson.org) by January 1, 2014.

Call for Posters
All participants are encouraged to display a poster at the conference poster session - to be held Wednesday, February 12, in conjunction with the evening reception. If interested, send an abstract (300 words maximum) to Lydia Davis (lbldavis@mdanderson.org) by January 1, 2014.

Submission requirements for poster display
* Abstract title; authors and affiliations; contact information
* Applicants will be notified of the Program Committee's decision by January 15, 2014
* Final printed poster dimensions: maximum of 120cm x 120cm (48in x 48in)

Registration Fees (in U.S. dollars)
General registration $350
Student registration / University of Texas or MD Anderson staff $150
Guest for evening reception $50

Program Co-chairs
* Donald A. Berry, Ph.D., The University of Texas MD Anderson Cancer Center
* Kim-Anh Do, Ph.D., The University of Texas MD Anderson Cancer Center
* Telba Z. Irony, Ph.D., CDRH, U.S. Food and Drug Administration

Online registration and additional information: http://biostatistics.mdanderson.org/BBBC2014

NEXT WEEK - PQG Conference - Emerging Quantitative Issues in Disease Epigenetics - REGISTER NOW!

Dear Colleagues,

The 2013 Program in Quantitative Genomics (PQG) Conference, Emerging Quantitative Issues in Disease Epigenetics, will be held next week, November 14-15, 2013 at the Joseph B. Martin Conference Center at Harvard Medical School, in Boston, MA.
Main topics include:

1. Chromatin regulation in diseases
2. Epigenetics of genetic variance in disease
3. DNA methylation, somatic mutations, and diseases

Keynote Speakers: Stephen Baylin & Rafael Irizarry

The conference schedule includes time for scientific presentations, a panel discussion, and a poster reception.

REGISTER NOW!

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