Caucus of Academic Reps (CAR) Weekly Digest
July 7, 2017

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(1) University of Memphis, School of Public Health, Division of Epidemiology, Biostatistics, and Environmental Health: postdoctoral position in Genetic and Bioinformatic Statistics

The University of Memphis, School of Public Health is seeking applicants for a postdoctoral position in Genetic and Bioinformatic Statistics in the Division of Epidemiology, Biostatistics, and Environmental Health. The School of Public Health has national prominence in Epidemiology and Biostatistics, with research funding from NIH, CDC, other federal and state agencies, private foundations and industry. There is substantial collaborative research with other entities on and off campus.

Duties & Responsibilities: A postdoctoral opening in Genetic and Bioinformatic Statistics within the Division of Epidemiology, Biostatistics, and Environmental Health is available, with start date Spring 2018. The position is rooted on an epigenetic project recently funded by the National Institute of Allergy and Infectious Diseases, National Institute of Health. Responsibilities include semi-parametric or non-parametric Bayesian statistical methods development and simulation studies to analyze high throughput (epigenetic) data in association studies, and collaboration with epidemiological, epigenetic, and clinical researchers on the research team in the U.S. and U.K. A doctoral degree in Biostatistics, Statistics, or a related field is preferred. Candidates with strong interests and experiences in collaborative research and outstanding verbal communication skills are highly encouraged to apply.

Position Qualifications: PhD or equivalent in Biostatistics, Statistics, or a related quantitative field, and independent collaborative statistical experience.

Salary Range and Benefits: Competitive

Web Site: http://www.memphis.edu/sph/

Application Address: https://workforum.memphis.edu/postings/15768

Send three reference letters to the following address or by email given below:

Hongmei Zhang, Associate Professor
Division of Epidemiology, Biostatistics, and Environmental Health
224 Robison Hall
3825 DeSoto Ave.
Memphis, TN 38152
hzhang6@memphis.edu

Application Deadline: Until filled

(2) University of Technology, Jamaica, Faculty of Science and Sport: several positions

The University of Technology, Jamaica (UTech, Jamaica) seeks to identify experienced professionals to fill the following full-time positions:

School of Mathematics and Statistics
Full time X4

AREAS OF EXPERTISE:

- Mathematics
- Statistics
- Mathematics Education
- Actuarial Science

The preferred candidates for the position of Lecturer in the above areas should have:

- a minimum of an MSc/MPhil but preferably a PhD with research publications
- at least four (4) years lecturing experience at the tertiary level
- capacity to supervise students' research projects

GENERAL REQUIREMENTS

The candidates will also need to demonstrate a clear commitment to combining research as well as teaching, and show evidence of successful educational practice. They will offer teaching through a variety of means including lectures, small group tutorials, problem-based learning, and 'e-learning' initiatives, and will be expected to innovate in each of these areas. Our compensation package includes a contributory pension scheme, health coverage and a group life insurance scheme. Interested applicants seeking a career opportunity who meet the specified requirements are invited to submit applications for consideration to hrm@utech.edu.jm by July 14, 2017 or to:

The Senior Director (Acting) - Human Resources & Administration
University of Technology, Jamaica
237 Old Hope Road, Kingston 6.
Jamaica. W.I.
Tel: (876) 927-1680-8, ext 2070

(3) AAAS: Director, Center of Science, Policy, and Society Programs

The American Association for the Advancement of Science (AAAS) is an international non-profit membership organization dedicated to advancing science for the benefit of all people. AAAS is a culture steeped in history, but adaptive to change and new ideas. We recognize the hard work of our employees and encourage the development of our staff. Our colleagues represent an array of expertise from scholarly publishing to digital marketing, science diplomacy to government relations, all with a shared focus on mission. At AAAS, you are part of a talented team, dedicated to advancing science and serving society.

Work With Us

We have an exciting full-time opportunity for a Director, Center of Science, Policy, and Society Programs (CSPSP) in our Washington, DC office. The Director leads this AAAS Center in supporting the AAAS mission, with an emphasis on advocating for and contributing to activities that focus on the intersection of science and policy, as well as science and societal interest. Programs within the Center will reflect the interests and objectives of the AAAS membership and Board of Directors.
The Center encompasses a science and technology policy fellowship program; activities in the areas of scientific responsibility, human rights, and the law; a peer-review service; and other programs.

As leader of the Center, the Director is responsible for: strategic planning and intellectual direction of all programs; the policies under which they operate; the advancement of programming through the AAAS membership and other partners; annual budgeting and grant oversight; solicitation of funding; and hiring, staff development, and supervision. The Director will also serve as a member of the AAAS senior management team.

Essential Duties and Responsibilities

- Provide strategic leadership to the entire Center, ensuring that all programs: (1) are aligned with AAAS strategic goals and its annual operating plan; (2) have set the appropriate annual program goals and performance metrics; (3) have the resources to attain their goals; (4) are effectively managed; and (5) support the desired culture of AAAS.
- Develop strategic priorities, policies, long range goals, and annual objectives for the Center
- Oversee operational, financial, and staff management responsibilities
- Manage a small number of direct reports while having oversight for up to 50 individuals
- Engage membership to advance the Center’s vision and goals
- Identify and develop income in support of the Center’s programs – including funding from government sources, foundations, private sectors, and revenue from programs
- Collaborate with other internal AAAS departments on any activities related to science and policy, as well as science and societal interest
- Support AAAS Board Committees
- Collaborate with other professional organizations with similar goals in the US and internationally; represent AAAS in the community; and serve as a AAAS ambassador in the areas of science and policy, as well as science and societal interest
- Work effectively as a member of the AAAS senior management team, having impact on AAAS policy, vision, and strategy

Key Requirements

- Ph.D. in a science or engineering discipline required
- Must have a minimum of 10 years’ experience leading the strategy and directing the budget for a multifaceted program; and 5 years’ management experience
- Broad understanding of and experience with science and policy, as well as science and societal interest, including fellowships and peer review
- Experience interacting with program officers in foundations and federal agencies
- Track record of obtaining grant funding and managing grants, and particularly a familiarity with regulations regarding federal grants
- Track record of leadership in an area relevant to the Center’s interests

Application Process
Interested candidates should submit a resume, cover letter, and a four-page statement illustrating the relevance of their background to the mission and goals of the AAAS Center for Science, Policy, and Society Programs by July 30, 2017.

In addition, the statement should include an overview of the applicant’s specific expertise as it relates to the Center’s portfolio, as well as strategic leadership experience directing a complex organization with multiple staff.

We will review all applications beginning July 30. If we think you might be a good fit for the role, we will contact you regarding next steps.

(4) **Opportunity for a Masters Level Statistician at the University of Michigan**


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**Funding opportunities and information**

No new listings this week.

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**Workshops and Conferences**

(1) **Biostatistics Training Opportunity: Methodology for Clinical Trials in Imaging**

We are seeking applications for a PhD-level biostatistician interested in conducting methodological or collaborative research in radiology/imaging clinical trials to attend a clinical trials methodology workshop for imagers at the Marriott Resort in Coronado, California from January 6-12, 2018. The workshop presents an excellent opportunity for a biostatistician, interested in imaging clinical trials, to learn the relevant methodology and gain experience collaborating with radiologists and imaging specialists. The biostatistician attendee will shadow biostatistics faculty members to observe the collaborative process of developing clinical trials in radiology, in addition to learning the methodological aspects of this field. An award given by the Biometrics Section of the American Statistical Association will cover up to $3,000 in travel costs.

Each year the Radiology Society of North America (RSNA) holds an intensive one-week workshop on clinical trial methodology for faculty members and fellows in radiology, radiation oncology, and nuclear medicine academic departments. The workshop provides hands-on training in the design, conduct, analysis, and interpretation of clinical trials in radiology and imaging through didactic sessions, one-on-one mentoring, small discussion sessions, self-study, and protocol development workgroups. A special methodological curriculum infused with statistical and methodological concepts and examples was developed for this course. This prestigious workshop has a distinguished group of 20 MD and PhD faculty members (including 5 PhD biostatisticians) with extensive experience in radiology clinical trials, providing a student to faculty ratio close to 1:1.

Radiology is underserved by biostatisticians and could benefit from more rigorous research methods. Studies in radiology are often ill-designed, fail to include multiple institutions or readers, focus on
Outcomes that are not clinically relevant, and do not properly account for clustering in the data. Radiology research requires the use of unique statistical methods, including those used for the evaluation of the accuracy of diagnostic imaging tests (e.g., ROC or fROC curves), for developing prognostic models based on imaging results, and for the assessment of performance of new quantitative imaging biomarker algorithms. Research in radiology would benefit greatly from the attention of, and collaboration with, methodological biostatisticians with appropriate training.

**Application process:** Eligible applicants will hold a PhD degree in biostatistics or related field (e.g., statistics), with interest in the design, conduct, and analysis of imaging clinical trials. Interested applicants should email a one-page letter of interest, CV, and letter of support from their department head to Diana Miglioretti (dmiglioretti@ucdavis.edu) with "RSNA CTMW Biostatistics" in the subject line of the email message. The deadline for receipt of applications is **August 31, 2017.** Announcement of the award will be made by **October 1, 2017.**

Diana L. Miglioretti, PhD
Dean's Professor in Biostatistics
Department of Public Health Sciences, UC Davis School of Medicine
One Shields Ave., Med Sci 1C, Room 144, Davis, CA 95616
Phone: (530) 752-7168 | Mobile: (530) 309-5530
Email: dmiglioretti@ucdavis.edu
http://biostats.ucdavis.edu/FacultyProfile.php?id=828
https://www.facebook.com/BCSC.Research

(2) **2017 New England Symposium on Statistics in Sports**

Harvard University (Science Center) - Cambridge, Massachusetts

Saturday, September 23, 2017

The 2017 New England Symposium on Statistics in Sports will be a meeting of statisticians, statistical researchers, and quantitative analysts connected with sports teams, sports media, and universities to discuss common problems of interest in statistical modeling and analysis of sports data. The symposium format will be a mixture of invited talks, a poster session, and a panel discussion.
Registration is now OPEN

EARLY BIRD REGISTRATION ENDS August 1 - save on the increased fee by registering early

Registration information, including fees and methods of payment, can be found at www.nessis.org/registration.html

Confirmed featured speaker:

- **David Firth**, Department of Statistics, University of Warwick, UK

All currently confirmed oral and poster presenters are listed on the presenters page.

Panel discussion: "Past, present and future of analytics in the NFL"

- **Dennis Lock** - Miami Dolphins
- **Karim Kassam** - Pittsburgh Steelers
- **Sandy Weil** - Los Angeles Rams

Panel moderator:

- **Aaron Schatz** - President, Football Outsiders, Inc.

Dual-track NESSIS refereed proceedings

- Methodology-focused papers can be submitted to the *Journal of Quantitative Analysis in Sports* (JQAS)
- Applied and practitioner-focused papers can be submitted to the *Journal of Sports Analytics* (JSA)

Instructions for paper submissions will be provided after the conference.

Our Sponsors:

We are indebted to our industry sponsors DeGruyter (http://www.degruyter.com/), IOS Press (http://www.iospress.nl/), ESPN Stats & Info (espn.go.com/blog/statsinfo) as well as the Harvard Statistics Department, the Boston Chapter of the American Statistical Association, and the Section in Sports of the American Statistical Association for providing support for the conference.

Further details of the 2017 NESSIS are forthcoming. Complete up-to-date information will be posted at the 2017 NESSIS web site.

Please contact Mark Glickman (glickman@fas.harvard.edu) or Scott Evans (evans@sdac.harvard.edu), the co-organizers of the symposium, with any questions.

We would appreciate your forwarding this announcement to anyone who might be interested.

### Awards

No new listings this week.
(1) AMATYC endorses the GAISE College Report

The AMATYC Executive Board endorsed the American Statistical Association's 2016 Guidelines for Assessment and Instruction in Statistics Education (GAISE) College Report during their April 2017 board meeting. Their board also discussed various ways to promote the report and currently a link to it is available on the AMATYC website. The GAISE Report website includes a link to the AMATYC endorsement.