Digest of Items of Interest to the Caucus of Academic Reps – November 22, 2013

Funding

- **Improving Undergraduate STEM Education (IUSE)**

Positions

- Faculty Positions, Department of Biostatistics & Epidemiology, Medical College of Georgia at the Georgia Regents University
- Program Directors in the NSF Division of Mathematical Sciences
- Lecturer Faculty Position in Statistics at the University of Vermont
- Assistant professor job opening for 9/2014 in NYC, Baruch College
- Tenure Track Junior Faculty Position, Rice University
- CHAIR, Department of Biostatistics, School of Public Health, University of Washington
- Biostatistician Position in Quantitative Sciences Unit at Stanford University
- Director, Center for Statistical and Data Sciences, RTI International

Scholarship Program

- Scholarship Opportunity in HIV Research for Minority Investigators

Funding

**Improving Undergraduate STEM Education (IUSE)**

NSF has released a new Program Description PD14-7513 titled Improving Undergraduate STEM Education (IUSE) that provides a mechanism for submitting proposals for research-based and research-generating approaches to:

***Understanding STEM learning;
***Designing, testing, and studying curricular change;
***Wide dissemination and implementation of best practices; and
***Broadening participation of individuals and institutions in STEM fields.

The Division of Undergraduate Education (DUE) is collaborating with the Virtual Faculty Collaborative (VFC), a partnership between AAAS, Louisiana State University, and Higher Education Services, to offer several webinars to discuss the IUSE Program. The IUSE webinars will be held from:

- 1:00-2:30pm (EST) on December 3, 4, and 5; and
- 3:00-4:30pm (EST) on December 10, 11, and 12.

To register for one of these webinars, please access the registration website:
Enrollment will be limited to 300 individuals on a first-come, first-served basis. A recorded version of the webinar will be posted later.

Positions

Faculty Positions, Department of Biostatistics & Epidemiology, Medical College of Georgia at the Georgia Regents University

The Department of Biostatistics and Epidemiology in the Medical College of Georgia at the Georgia Regents University (GRU) invites applications for tenure track or tenured faculty positions in Biostatistics at the Associate or Full Professor level. Applicants must have a Ph.D. in biostatistics or a closely related field. Experience and demonstrated interest in cancer research, clinical trials, computational biology, genomics, public health or statistical bioinformatics is highly desirable. Interest and ability in active collaboration with other investigators in biomedical and public health research within and outside of GRU will be an important factor in the selection of candidates, as will doctoral teaching and mentoring experience. Candidates must have a nationally recognized record of innovative and leading-edge methodological research, genuine interest in interdisciplinary collaborations in translational research, successful track record of extramural funding support, strong ability and interest in teaching and mentoring students, and demonstrated leadership potential.

The Department of Biostatistics and Epidemiology at GRU offers an MS and a PhD program in Biostatistics, and a Masters and a Certificate program in Clinical and Translational Science. Immediate future plans include developing graduate programs in Epidemiology. The new faculty members will join a highly interdisciplinary faculty and will play an integral role in the ongoing expansion of research and education at GRU. The academic departments, and centers and institutes such as the Cancer Center, Center for Biotechnology and Genomic Medicine, the Institute of Public and Preventive Health and the Sickle Cell Center provide rich opportunities for interdisciplinary research. The search will remain open until positions are filled.

Interested applicants should send curriculum vitae, a brief statement of current and planned research, and names and contact information of at least four references to:

Varghese George, Ph.D., Chair
Dept. of Biostatistics & Epidemiology
Georgia Regents University
1120 15th Street, AE-1005
Augusta, GA 30912-4900
Email: vgeorge@gru.edu
Tel: (706) 721-0801
Georgia Regents University is an equal employment, equal access, and equal educational opportunity and affirmative action institution. It is the policy of the University to recruit, hire, train, promote and educate persons without regard to age, disability, gender, national origin, race, religion, sexual orientation or veteran status.

**Employment Opportunities for Program Directors in the NSF Division of Mathematical Sciences**

Dear Colleague:

The Division of Mathematical Sciences, within the Directorate for Mathematical and Physical Sciences, National Science Foundation (NSF), announces a nationwide search for mathematical sciences professionals to fill Program Director positions.

NSF Program Directors bear the primary responsibility for carrying out the Agency’s overall mission. To discharge this responsibility requires not only knowledge in the appropriate disciplines, but also a commitment to high standards, a considerable breadth of interest and receptivity to new ideas, a strong sense of fairness, good judgment, and a high degree of personal integrity.

Applicants should have a Ph.D. or equivalent training in a field of the mathematical sciences, a broad knowledge of one of the relevant disciplinary areas of the Division of Mathematical Sciences, a knowledge of the general scientific community, skill in written communication and preparation of technical reports, an ability to communicate orally, and at least six years of successful independent research normally expected of the academic rank of associate professor or higher. Some administrative experience and experience working in teams are desirable. Appointees are expected to function effectively both within specific programs and as a member of crosscutting and interactive teams. Skills in multidisciplinary research are highly desirable.

Program Director positions recruited under this announcement may be filled under one of the following appointment options:

* Intergovernmental Personnel Act (IPA) Assignment: Individuals eligible for an IPA assignment with a Federal agency include employees of State and local government agencies or institutions of higher education, Indian tribal governments, and other eligible organizations in instances where such assignments would be of mutual benefit to the organizations involved. Initial assignments under IPA provisions may be made for a period up to two years, with a possible extension for up to an additional two-year period. The individual remains an employee of the home institution and NSF provides the negotiated funding toward the assignee’s salary and benefits. Initial IPA assignments are made for a one-year period and may be extended by mutual agreement.
* Visiting Scientist Appointment: Appointment to this position will be made under the Excepted Authority of the NSF Act. Visiting Scientists are on non-paid leave status from their home institution and placed on the NSF payroll. NSF withholds Social Security taxes and pays the home institution’s contributions to maintain retirement and fringe benefits (i.e., health benefits and life insurance), either directly to the home institution or to the carrier. Appointments are usually made for a one-year period and may be extended for an additional year by mutual agreement.

* Temporary Excepted Service Appointment: Appointment to this position will be made under the Excepted Authority of the NSF Act. Candidates who do not have civil service or reinstatement eligibility will not obtain civil service status if selected. Candidates currently in the competitive service will be required to waive competitive civil service rights if selected. Usual civil service benefits (retirement, health benefits, and life insurance) are applicable for appointments of more than one year. Temporary appointments may not exceed three years.

For additional information on NSF’s rotational programs, please see “Programs for Scientists, Engineers, and Educators” on the NSF website at: http://www.nsf.gov/about/career_opps/rotators/.

Applications will be accepted from US Citizens. Recent changes in Federal Appropriations Law requires Non-Citizens to meet certain eligibility criteria to be considered. Therefore, Non-Citizens must certify eligibility by signing and attaching a Citizenship Affidavit (see http://www.nsf.gov/pubs/forms/affidavit_eligibility_of_employment.pdf) to their application. Non-citizens who do not provide the affidavit at the time of application will be considered as an IPA only.

Should you or your colleagues be interested in this position, or wish to nominate suitable candidates, please e-mail a current CV accompanied by a cover letter highlighting the background that specifically relates to the program objectives to:

Dr. Henry A. Warchall, Acting Division Director Division of Mathematical Sciences National Science Foundation
4201 Wilson Boulevard, Room 1025
Arlington, Virginia 22230
Phone: 703 292-4861
Fax: 703 292-9032
hwarchal@nsf.gov

Formal consideration of interested applications will begin on November 18, 2013 and will continue until selections are made.

NSF IS AN EQUAL OPPORTUNITY EMPLOYER COMMITTED TO EMPLOYING A HIGHLY QUALIFIED STAFF THAT REFLECTS THE DIVERSITY OF OUR NATION.
Lecturer Faculty Position in Statistics at the University of Vermont

The University of Vermont College of Engineering and Mathematical Sciences (UVM CEMS) invites applications for a lecturer (non-tenure-track) faculty position in statistics, with a starting date of August 2014. This position is located in the Statistics Program within the Department of Mathematics and Statistics. Reappointment is expected based on satisfactory job performance. Qualifications for the position require at least a master's degree in statistics, biostatistics or a related field. Two or more years of teaching experience at the undergraduate college or high school level is desirable. The successful candidate will be expected to make significant and balanced contributions to undergraduate instruction in statistics, including curriculum enhancements.

Founded in 1791, UVM has been called one of the "Public Ivies" and is consistently ranked as one of the top public universities in the United States. The University is located in Burlington, Vermont, also rated as one of the best small cities in America. The greater Burlington area has a population of about 150,000 and enjoys a panoramic setting on the shores of Lake Champlain, between the Green Mountains of Vermont and the Adirondack Mountains of New York. Burlington and the surrounding area provide an environment rich in cultural and recreational activities for individuals and families, with multiple opportunities for interactions with local industry and communities. The College of Engineering and Mathematical Sciences at UVM is one of the fastest growing on campus, with excellent faculty and students in engineering, computer science, and mathematics and statistics. The College is a leader in high-profile, multi-disciplinary partnerships across campus.

UVM is an Affirmative Action/Equal Opportunity employer and welcomes applications from women and underrepresented ethnic, racial and cultural groups and from people with disabilities. The University is committed to building a culturally diverse educational environment and is interested in candidates who can contribute to the diversity and excellence of the academic community through their teaching, and/or service.

The application package should include a cover letter, detailed curriculum vitae, the names and contact information of at least two references and a statement describing teaching interests and teaching philosophy. Applications must be submitted through the UVM website www.uvmjobs.com (Search Posting #0041037). Screening of applications will begin in early March, 2014. UVM conducts background checks on all final candidates.

Statistics Faculty Search
Department of Mathematics and Statistics
Assistant professor job opening for 9/2014 in NYC, Baruch College

Tenure track position in Statistics available as early as 9/2014 at the Assistant Professor level. Department of Statistics/CIS, Zicklin School of Business, Baruch College (City University of New York).

Ph.D. in Statistics, good teaching ability and proven record or potential for strong research, training/desire for interdisciplinary work with business programs. Applied statistical orientation preferred.

Send a CV, three letters of recommendation, research and teaching statements to:
Statistics Search Committee
Department of Statistics/CIS
Baruch College
One, Baruch Way
Box B 11-220, New York, NY 10010

or apply online at http://zicklin.baruch.cuny.edu/STAT

Review of applications will begin on January 31, 2014 and will continue until the positions are filled.

Tenure Track Junior Faculty Position, Rice University

The Department of Statistics at Rice University seeks applications for a tenure-track position at the junior level (Assistant Professor, or possibly Associate Professor for exceptionally well-qualified individuals). A doctorate in statistics or a related field is required with potential or proven excellence in research and teaching. Applications are sought from all areas of modern statistics. Priority will be given to those applicants whose research interests are in line with the mission of the Department. The position begins Fall, 2014. The Department and Rice University especially encourage applications from women and members of underrepresented minority groups.
Please browse our website for a description of departmental activities and people. Applicants are requested to upload a letter of application, curriculum vita, graduate transcripts, and reprints/preprints via the faculty application link provided at our website. Send inquiries to: png@stat.rice.edu. Include “Faculty Search” in the subject line of the e-mail. Please include the names, addresses, and e-mails of three individuals, who will be contacted by email to upload letters of recommendation. The review of applications will begin December 16, 2013. Applications will be accepted until January 17, 2014, or until the position is filled. Rice University is a private Tier One research institution excelling in both graduate and undergraduate education, located in Houston, Texas.

CHAIR, Department of Biostatistics, School of Public Health, University of Washington, Seattle, WA

The Department of Biostatistics at the University of Washington invites applications for a full-time Professor, with tenure, and Chair to succeed Professor Bruce Weir.

The individual selected will lead one of the most highly-ranked and recognized departments in its field, providing the statistical underpinnings of research across all the health sciences. The faculty and students develop new methods to design and conduct biomedical studies and to analyze and interpret biomedical data. They design, conduct, and analyze data from observational studies and clinical trials that evaluate interventions for the treatment or prevention of diseases, and develop new techniques for the analysis of large-scale biomedical data arising from genomics and other areas. They evaluate statistical data from clinical trials and monitor clinical trials for safety and efficacy. The Department maintains collaborative partnerships with the Fred Hutchinson Cancer Research Center, Children’s Hospital Research Institute, Group Health Research Institute, and the Veterans Administration. It plays an integral role within the School of Public Health and in many areas of the School of Medicine, as well as elsewhere in the state, and in national and international research settings. The Department is the prime recipient of high-profile grants and contracts from NIH, EPA, DOJ, and industry sponsors for work developing new biostatistical methodologies and for leading collaborative Coordinating Centers for important national research initiatives.

Among its 86 faculty (41 core, 7 emeritus, 6 adjunct, and 32 affiliate) are three members of the Institute of Medicine, one member of the National Academy of Sciences, and 20 Fellows of the American Statistical Association. The department currently enrolls 93 students, employs 80 staff, and has an annual operating budget of approximately $38 million. Its signature PhD program is consistently rated as one of the top three in the U.S. It includes a strong academic collaboration with the University of Washington’s Statistics Department. Additionally, the Biostatistics Department offers MPH and MS degrees, and online certificates in Applied Biostatistics. Its approach is broad and multidisciplinary, and its 562 alumni hold leadership positions in academia, government, and industry around the world.

The University of Washington School of Public Health is one of the nation’s leading Schools of Public Health. It includes four departments in addition to Biostatistics: Environmental and Occupational Health Sciences, Epidemiology, Global Health, and Health Services. The faculty in the School numbers about 250
and the student body is about 1200. The School includes dozens of research centers and institutes addressing virtually every aspect of public health.

The ideal candidate will

- have a distinguished record of both methodological and collaborative research,
- have outstanding communication skills,
- have a strong commitment to graduate training,
- be a dedicated and outstanding teacher,
- have a keen awareness of current public health issues, and of related research needs and opportunities,
- be an enthusiastic and visionary leader, an excellent team-builder, and a skilled manager,
- be a sincere proponent of diversity,
- have a doctoral degree in Biostatistics, Statistics, or a related discipline.

Other attributes include

- An appreciation of the need for balance between theoretical and applied biostatistics in an interdisciplinary department.
- An understanding of, and a commitment to, the convivial and collaborative nature of the department.
- A broad vision of biostatistics; this includes the current state of the field and its place in public health.
- A sincere commitment to collaboration within the SPH, across the University, and with external partners.
- An ability to balance advocacy for the Department with leadership in the School of Public Health.

The Department, the School of Public Health, and the University are especially interested in advancing research and teaching to support underrepresented communities and in emerging areas of scientific importance. Special resources may be available to candidates who can strengthen this effort:

- Candidates from underrepresented communities or candidates whose research focuses on underrepresented communities.
- Candidates specializing in methods for analyzing big data.
- Candidates specializing in one of emerging challenge areas identified as part of the Strategic Plan of the School of Public Health: Genomics and Public Health; Global Environmental Change and Human Health; Obesity, Food, Physical Activity, and Health; Health Policy and Health Systems; Public Health Implementation Science; and Social Determinants of Health: [http://sph.washington.edu/strategicplan/](http://sph.washington.edu/strategicplan/)

A letter of interest; curriculum vitae; and the names of four references can be submitted to sphhires@uw.edu (c/o Biostatistics Chair Search Advisory Committee Chairperson). Review of applications will begin November 30, 2013 and will continue until the position is filled. Inquiries may be directed to sphhires@uw.edu
The University of Washington is an Affirmative Action, Equal Opportunity Employer. The University and its School of Public Health are building a culturally diverse faculty and staff and strongly encourages applications from women, minorities, individuals with disabilities, and covered veterans. The UW School of Public Health is committed to a diverse academic community. We view diversity as essential to our mission. For more information please see the following website: http://www.washington.edu/diversity/

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

Biostatistician Position in Quantitative Sciences Unit at Stanford University

The Quantitative Sciences Unit in the Department of Medicine at Stanford University is seeking a highly motivated, hard-working and professional statistician to join their team. The successful candidate will join a vibrant team of academic statisticians and database experts working on a wide variety of collaborative projects in medicine. This position holds excellent career development opportunities.

Qualifications

The applicant should hold at least a masters degree in Statistics, Biostatistics, or a related field and 1 year experience. Candidates with a PhD in Statistics, Biostatistics or a related field are desirable. Additionally, at least two years of experience manipulating large databases and doing data analysis is desirable. The applicant should have strong oral and written communication skills and the ability to work independently and collaboratively. Experience with multiple statistical programming languages such as SAS and R is required.

Apply via http://stanfordcareers.stanford.edu/job-search?jobId=61287

Director, Center for Statistical and Data Sciences, RTI International

An exciting opportunity exists to lead the newly formed Center for Statistical and Data Sciences at RTI International. The ideal candidate is an energetic leader who will help to shape more than 90 statisticians and data scientists to compete in both established and emerging markets. The position can be located in our Research Triangle Park, NC headquarters, or in our Washington, DC or Chicago, IL offices. RTI requires a mature, poised individual who can be a compelling leader and representative of the Center both internally and externally. The Center Director reports directly to the Unit (Senior) Vice President for the Survey, Computing, and Statistical Sciences (SCSS).

Responsibilities

- Provide a vision and leadership for sustained, long-term growth of a balanced portfolio of research in the Center.
- Manage 8 – 10 direct reports and more than 80 indirect reports across six programs, including education, international, social, and behavioral statistics; measurement and evaluation; and data science.
- Lead the expansion of RTI’s scientific reputation as a major contributor to research in statistical methodology and data science.
• Champion marketing, proposal, and business development for the Center.
• Serve as the principal liaison for the Center to other RTI departments and to the statistics profession externally.
• Be an integral member of the Center for Excellence in Complex Data Analysis (CoDA), which is designed to bring statisticians from across RTI and around the world to support grant and contract research projects and will develop and deliver training in advanced statistical methods.
• Lead the development of a core business in areas such as Data Science/Big Data, small area estimation, address-based sampling, and other strategic initiatives.
• Create a workplace environment that fosters collaboration, teamwork, and the integration of staff from diverse technical and substantive backgrounds from across the Institute.
• Assume overall responsibility for the Center’s projects, budgets, schedules and quality by establishing standards and procedures to ensure adequate project management and review.
• Support and display the values and core competencies of RTI including embracing innovation, communicating and informing, collaborating and teaming, customer and client focus, decision making and judgment, driving results, integrity and trust, professional knowledge and excellence and respect for the individual and the Institute.
• Display all management core competencies including driving strategy, developing staff capabilities, motivating and influencing others and organizational awareness.

Qualifications
• A doctorate in statistics, biostatistics, or related field or a history of professional performance at the doctoral level.
• A minimum of 15 years working with clients that fund research in the social sciences, including federal agencies, private foundations, and/or the commercial sector.
• Success in business development and obtaining research funding from a broad range of client agencies and other funding sources.

Desired Qualifications:
• Experience in or exposure to data science areas such as data mining, predictive analytics, statistical modeling, computational sciences, data visualization, and record linkage.
• Demonstrable track record of leadership in developing and sustaining a climate that fosters growth in research funding, staff capabilities, and scientific excellence and reputation.
• A record of scientific publication and stature, and of participation in major professional societies or associations.
• Capability to manage large, multidisciplinary professional research and support staff conducting contract and grant-supported research as evidenced by prior management experience.
• Excellent skills in communication and building consensus within and between groups.
• Willingness to relocate to the Research Triangle Park area (Raleigh/Durham/Chapel Hill), Chicago or Washington, D.C.

To apply directly, you may go to www.rti.org/job14881
If you have questions about the position feel free to contact John Hajdin at 919-541-5983 or Hajdin@rti.org or Sheila Knight at 919-316-3925 or sknight@rti.org

About RTI
RTI International is one of the world's leading research institutes, dedicated to improving the human condition by turning knowledge into practice. Our staff of more than 3,700 provides research and technical services to governments and businesses in more than 75 countries in the areas of health and pharmaceuticals, education and training, surveys and statistics, advanced technology, international development, economic and social policy, energy and the environment, and laboratory testing and chemical analysis.

Equal Employment Opportunity
We are proud to be an EEO/AA employer M/F/D/V. Specific information regarding the laws that are designed to protect you against discrimination relating to your legal right to work in the US can be located at the employment portal www.rti.org/jobs

Scholarship Program (also see attached flyer)

Scholarship Opportunity in HIV Research for Minority Investigators
- Are you a member of an underrepresented racial / ethnic minority community?
- Have you earned your PhD, MD, or other terminal degree?
- Would you like to conduct independent research with a network of investigators working together to prevent the spread of HIV?

2013-2014 HPTN Scholars
The HIV Prevention Trials Network (HPTN), a global network of HIV researchers funded by the National Institutes of Health, is proud to offer an 18 month scholarship program for early-career U.S. minority investigators. This scholarship provides funding to cover a portion of scholars’ time (typically ~25%), travel to two scientific meetings, and other expenses. Applicants should be U.S. investigators who have received their terminal degree (MD, PhD, etc.) and are eager for the opportunity to work with a mentor scientist to complete a research project based upon an existing HIV research study in the HPTN. Support will be provided from June 2014 through November 2015 for successful applicants, who will be selected on a competitive basis. Deadline for contacting prospective mentors is 13 December 2013. Applications are due 15 January 2014.

The HPTN Scholars Program is funded by a supplement from the National Institute of Allergy and Infectious Diseases (NIAID) and the National Institute of Mental Health (NIMH).

Scholarship Program Goals:
1) HPTN scholars will acquire new knowledge, skills and abilities to further their careers as independent investigators in HIV science.
2) Scholars will develop and complete a research project that makes use of data from completed or ongoing HPTN studies.

3) Through the experience of the program, scholars will become knowledgeable of the process of doing research in NIH-funded HIV networks, and thereby have the opportunity to continue their careers in the HPTN after conclusion of the scholarship.

To learn more about the scholarship program, the application process, and our current scholars visit [http://www.hptn.org/Scholars.htm](http://www.hptn.org/Scholars.htm)
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