Digest of Items of Interest to the Caucus of Academic Reps – October 4, 2013

Funding

- **NSF East Asia & Pacific Summer Institutes (EAPSI) program**
- **NSF Education and Human Resources (EHR) two new solicitations open to statisticians**
- **NIH, NSF, DOE, FDA: Predictive Multiscale Models for Biomedical, Biological, Behavioral, Environmental and Clinical Research, Interagency funding opportunity**

Positions Open

- **Open Rank Faculty Position, Department of Statistics, Oregon State University**
- **NISS Education Statistics Research Associate**
- **Director, Office of Regulatory Analysis and Evaluation, National Highway Traffic Safety Administration (NHTSA)**
- **Department of Statistics, Colorado State University (3 positions)**
  - Open Rank Special Appointment Faculty Statistical Consultant
  - Faculty Position
  - Special Appointment Assistant Professor
- **Department of Statistics at the University of Illinois at Urbana-Champaign (2 positions)**
  - ASSISTANT PROFESSOR: STATISTICS AND DATA SCIENCE
  - OPEN RANK FACULTY POSITION IN BIOSTATISTICS
- **UNIVERSITY OF MISSOURI-COLUMBIA (3 positions)**
  - ASSISTANT TEACHING PROFESSORS, DEPARTMENT OF STATISTICS
  - Assistant/Associate Professor STOCHASTIC MODELING
  - TENURE TRACK POSITION, DEPARTMENT OF STATISTICS
- **ASSISTANT/ASSOCIATE/FULL PROFESSOR of BIOSTATISTICS or BIOINFORMATICS, DEPARTMENT OF BIOSTATISTICS & MEDICAL INFORMATICS, UNIVERSITY OF WISCONSIN SCHOOL OF MEDICINE & PUBLIC HEALTH and MORGRIE INSTITUTE FOR RESEARCH**

Funding

**East Asia & Pacific Summer Institutes (EAPSI) program**

The National Science Foundation International Science & Engineering section would like to make you aware of an opportunity for U.S. graduate students to participate in research experiences in summer 2014 through the East Asia & Pacific Summer Institutes (EAPSI) program. EAPSI supports 200-205 graduate students each year to do research in the lab of their choice in any of seven locations: **Australia, China, Japan, Korea, New Zealand, Singapore or Taiwan**. Each institute has a fixed start and end date, and includes a pre-departure orientation near NSF and an in-country language and culture orientation. An EAPSI award includes a $5,000 stipend and round trip air ticket provided by NSF, and a living allowance provided by NSF’s counterpart funding agency in the host location. The program is open to U.S. citizens and permanent residents enrolled in research-oriented graduate programs in NSF-funded STEM fields. The U.S. graduate student is the PI on an EAPSI proposal. **The application deadline is**
The EAPSI program announcement 13-593 and related information are available at http://www.nsf.gov/eapsi (please scroll down to Related URLs).

EAPSI is an excellent opportunity for U.S. graduate students to advance their research in collaboration with high-caliber scientists and engineers in East Asia and to build professional networks in a scientifically important region of the world. The program is entirely funded by ISE and our international partners: there is no cost to NSF directorates or to your PIs. It’s an excellent opportunity to leverage our resources to advance international research and education opportunities for your community. We invite you to share this mail or the link with PIs, graduate students, and others in your community who may benefit from the EAPSI opportunity.

Informational Webinars will be conducted on Thursday, October 10, 2013, at 1:00 pm ET. Please visit www.nsf.gov/eapsi for information on how to join the Webinars. Passcode is EAPSI2014.

We invite you to forward this mail to your U.S. graduate students. We look forward to receiving their applications!

**NSF Education and Human Resources (EHR) two new solicitations open to statisticians**


The Discovery Research K-12 program (DRK-12) seeks to significantly enhance the learning and teaching of science, technology, engineering and mathematics (STEM) by preK-12 students and teachers, through research and development of innovative resources, models and tools (RMTs). Projects in the DRK-12 program build on fundamental research in STEM education and prior research and development efforts that provide theoretical and empirical justification for proposed projects. Teachers and students who participate in DRK-12 studies are expected to enhance their understanding and use of STEM content, practices and skills.

DRK-12 invites proposals that address immediate challenges that are facing preK-12 STEM education as well as those that anticipate radically different structures and functions of pre-K 12 teaching and learning. The DRK-12 program has four major research and development strands: (1) Assessment; (2) Learning; (3) Teaching; and (4) Implementation Research. The program recognizes that there is some overlap among the strands. Proposals may address more than one strand. For example, projects in the Learning Strand may also include assessments of student learning, and/or support for teachers and plans for larger dissemination and use. Likewise, the Teaching Strand has a specific focus on RMTs for teacher education and professional development, but these are often based on a particular curriculum or set of instructional materials or tools. The Implementation Research strand that replaces the Scale-up strand in the previous solicitation might potentially address any or a combination of the other three strands. The program supports three types of projects: (1) Exploratory, (2) Full Design and Development, and (3) Conferences, Workshops, and Syntheses. All three types of projects apply to each of the four DRK-12 strands.

The Research on Education and Learning (REAL) program represents the substantive foci of three previous EHR programs: Research and Evaluation on Education in Science and Engineering (REESE), Research in Disabilities Education (RDE), and Research on Gender in Science and Engineering (GSE). What is distinctive about the new REAL program is the emphasis placed on the accumulation of robust
evidence to inform efforts to (a) understand, (b) build theory to explain, and (c) suggest interventions (and innovations) to address persistent challenges in STEM interest, education, learning, and participation. The program supports advances in research on STEM (science, technology, engineering, and mathematics) learning and education by fostering efforts to explore all aspects of education research from foundational knowledge to improvements in STEM learning and learning contexts, both formal and informal, from childhood through adulthood, for all groups, and from the earliest developmental stages of life through participation in the workforce, resulting in increased public understanding of science and engineering. The REAL program will fund research on, human learning in STEM; learning in STEM learning environments, and broadening participation research.

**NIH, NSF, DOE, FDA: Predictive Multiscale Models for Biomedical, Biological, Behavioral, Environmental and Clinical Research, Interagency funding opportunity**

Started in 2011, the goal of this interagency funding opportunity announcement (FOA) is to support the development of multiscale models to accelerate biological, biomedical, behavioral, environmental and clinical research. The NIH, DOE, FDA, and NSF recognize that to efficiently and effectively address the challenges of understanding multiscale biological and behavioral systems, researchers will need predictive, computational models that encompass multiple biological and behavioral scales. This FOA also encourages the development of new, non-standard modeling methods and experimental approaches to facilitate multiscale modeling.


**Positions Open**

**Open Rank Faculty Position, Department of Statistics, Oregon State University**

The Department of Statistics at Oregon State University invites applications for a 9-month (1.0 FTE) tenure-track or tenured faculty position at the Assistant/Associate/Full Professor rank, starting September 16, 2014. Requirements include a Ph.D. in Statistics or Biostatistics, evidence of excellence in teaching and in independent and collaborative research in statistics. The successful candidate will be expected to teach at undergraduate and graduate levels. To be considered at the Associate Professor or Professor level, the candidates must have teaching experience, research experience and publications commensurate with those levels to be granted the same rank at Oregon State University. Preference will be given to candidates with a demonstrable commitment to promoting and enhancing diversity.

The Statistics Department has 14 faculty members and roughly 60 graduate students, and offers M.S. and Ph.D. degrees in Statistics. Current research interests of the faculty include Bayesian methods, environmental statistics, high dimensional data analysis, statistical ecology, sampling, statistical bioinformatics, and spatial statistics. The Statistics Department receives support for its academic program from the College of Science with supplemental funding provided by the College of Agricultural
Sciences for research and consulting activities. Strong collaborative research ties are also maintained with the U.S. EPA Corvallis Environmental Research Lab, the Linus Pauling Institute, the Environmental Health Science Center, the Center for Genomic Research and Biocomputing, and several state and federal agencies involved with natural resource monitoring. For more information about the Department and the city of Corvallis, see [http://www.stat.oregonstate.edu](http://www.stat.oregonstate.edu)

To ensure full consideration, all applications materials must be received by December 31st 2013. However, screening of applicants will continue until the position is filled. All applicants should submit a cover letter, current curriculum vitae with contact information for three references, research and teaching statements, on-line at [http://oregonstate.edu/jobs](http://oregonstate.edu/jobs) with posting number #0011405. Tenure-track applicants should also submit a copy of transcripts online and arrange for three letters of recommendation submitted to search@stat.oregonstate.edu or Search Committee, OSU Statistics Department, 44 Kidder Hall, Corvallis, OR 97331. For applicants interested in tenured position (Associate/Full), letters of recommendation will be solicited after an initial screening.

Inquiries about the position may be directed to Dr. Lan Xue at 541-737-1982 or e-mail xue@stat.oregonstate.edu. OSU is an affirmative action/equal opportunity employer, and has a practice of being responsive to the needs of dual-career couples.

**NISS Education Statistics Research Associate**

The National Institute of Statistical Sciences (NISS), in its role as a partner of the American Institutes for Research (AIR) in the Education Statistics Services Institute Network (ESSIN), seeks to appoint a research associate to play an important, exciting role in support of ESSIN's client, the National Center for Education Statistics (NCES). NCES conducts studies and produces reports that cut across all levels of education, from early childhood through life-long learning. The agency also oversees planning, design, operations, statistical analysis, reporting and dissemination for elementary, secondary and library surveys at the national, state, and local levels.

The research associate will be located at AIR headquarters in Washington, DC, working closely with colleagues from NCES, AIR and NISS. He or she will report to both the director of NISS and the AIR/ESSIN project leader.

**Responsibilities**

The research associate will provide methodological and statistical support for the National Assessment of Educational Progress (NAEP), including leading reviews and providing substantive and technical comments on draft NCES products such as reports, data files, file documentation and web sites. He or she will develop and maintain electronic databases, and will report and produce key deliverables containing findings. Responsibilities may also include conducting data analyses and writing research and technical reports.

**Qualifications**

Required qualifications are a Master’s degree or equivalent in Statistics, Survey/Research Methods, Economics, Education, Psychology, Sociology, or a related field, experience in education and social science research, knowledge of applied statistics, and experience in data analysis and quantitative research. Candidates must be proficient with statistical software (SAS, Stata or SPSS), as well as Microsoft Word, Excel and Access. Knowledge or experience with large-scale surveys and management
of large data sets is desirable. The position requires attention to detail, excellent verbal and written communication skills, and the ability and willingness to work both independently and as part of a team.

Salary and Benefits
Salary for the position will be commensurate with qualifications and experience. NISS offers a range of benefits including health insurance, a 401(k) plan with employer match up to 4% of salary, flexible medical spending accounts and a “personal time off” plan that combines vacation and sick leave. Transportation subsidies are provided for employees working in Washington.

How to Apply
Applications consisting of a letter of interest that responds to the responsibilities and qualifications listed above, a resume, and the names of three references should be submitted electronically to edstatassociate2013@niss.org, or mailed to NISS at the address above. Electronic submission is preferred.

Review of applications will commence at once, and continue until the position is filled. Applications received before October 31, 2013 will receive full consideration. Applicants must be willing, if offered the position, to undergo a background check and a government security investigation.

About NISS and AIR
NISS (www.niss.org) is an independent research institute that conducts high-impact cross-disciplinary and cross-sector research involving the statistical sciences. Its headquarters are in Research Triangle Park, NC, and there is a significant presence in Washington, DC.

AIR (www.air.org) is an established, successful non-profit social science research and development organization headquartered in Washington, DC.

Diversity Statement
NISS is committed to recognizing and nurturing merit, talent, and achievement by supporting diversity and equal opportunity in all of our research, service and administrative activities. We do not discriminate against employees or applicants for employment on any legally recognized basis, including, but not restricted to, race, color, religion, gender, national original, age, physical or mental disability, veteran status, or uniformed service member status. NISS seeks and welcome applications from women and members of historically underrepresented groups.

Director, Office of Regulatory Analysis and Evaluation, National Highway Traffic Safety Administration (NHTSA)

This is to notify you of an executive leadership vacancy in the National Highway Traffic Safety Administration (NHTSA) for the Director, Office of Regulatory Analysis and Evaluation position located in Washington, DC. We want to attract a diverse pool of candidates from within and outside the government who can bring strong executive skills to the position of: Director, Office of Regulatory Analysis and Evaluation

The Department of Transportation (DOT) impacts every facet of American life, providing people access to work, school, loved ones, and nature’s rich bounty. DOT is committed to transportation excellence and strives to create the best possible integrated air, land, and sea transportation system for America.
NHTSA is currently seeking to hire a dynamic, seasoned professional executive to serve as the Director of the Office of Regulatory Analysis and Evaluation. This executive will be the principal advisor and consultant to the Associate Administrator for the National Center for Statistics and Analysis for all activities related to the functional responsibilities of the Office of Regulatory Analysis and Evaluation and keeps the Associate Administrator fully informed on the status of programs and of problems and controversial issues.

The Director, Office of Regulatory Analysis and Evaluation manages, coordinates and conducts economic, market, social, statistical, inflation and other impact analyses required to support proposed and final rulemakings.

The Director also recommends and/or establishes systems and procedures for analyzing, reviewing and making formal determinations of economic, market, inflationary, and social effects of existing or proposed NHTSA regulatory activities.

If you know someone who has outstanding leadership qualities and may be interested in this challenging position, please encourage them to apply for this vacancy announcement which can be found on the Office of Personnel Management USAJOBS web link at the following location: https://www.usajobs.gov/GetJob/ViewDetails/352693600

Department of Statistics, Colorado State University (3 positions)

Open Rank Special Appointment Faculty Statistical Consultant Position Starting August 2014

The Department of Statistics at Colorado State University invites applications for 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. The successful candidate will also be expected to teach at the graduate and upper undergraduate level, with a focus on applied statistics and statistical consulting techniques. A Ph.D. in statistics or a related discipline is required. At least 3 years subsequent experience in applied statistics, including experience with data analysis packages like R and SAS, is strongly preferred. Outstanding verbal and written English communication skills are essential. Demonstrated potential for excellence in teaching is also expected. This is a 9-month non-tenure track position and allows renewable 3-year contracts. The position may be filled at the rank of assistant, associate, or full professor depending on experience.

Faculty Position Starting Fall 2014

The Department of Statistics at Colorado State University invites applications for a tenure track faculty position at the rank of Assistant Professor, starting Fall 2014. 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. This position is part of the College of Natural Sciences’ cluster hire in computational biology, with one additional position advertised by the Department of Computer Science and one recent hire in the Department of Biology.
Special Appointment Assistant Professor Position Starting August 2014

The Department of Statistics at Colorado State University invites applications for a non-tenure track faculty position at the rank of Assistant Professor, starting August 2014. This is a renewable nine month appointment. Promotions to Associate and Full Professor are possible. A PhD in statistics or a related field is required. The duties will include at least 60% teaching and course development, with possible consulting and collaboration components at negotiable percentages. Successful candidates will be able to teach at a range of levels, including graduate and undergraduate service classes, as well as classes for statistics majors. Candidates should have the ability to be pro-active about suggesting and implementing course and program improvements, especially for our new undergraduate major, but also for our graduate service courses.

The Statistics Department is recruiting for three faculty positions. See http://cns.natsci.colostate.edu/employment/Statistics/.

The department currently comprises 19 faculty and over 50 graduate students, and has a network of faculty affiliates at nearby research agencies (National Center for Atmospheric Research, National Institute of Standards and Technology, and Centers for Disease Control and Prevention, among others). Our faculty members have a wide range of expertise and are involved in various interdisciplinary graduate training and research activities. Internal and external consulting activities of the department are supported by a team of faculty through the F.A. Graybill Statistical Laboratory. Further information about the department and position is available on our webpage http://www.stat.colostate.edu/.

Fort Collins, the home of Colorado State University, is located one hour north of Denver in a beautiful location along the Front Range of the Rocky Mountains. Fort Collins is an appealing city of 150,000 that offers a pleasant climate with fantastic recreational and cultural opportunities nearby. You'll find award winning schools, a globally-focused university, thriving arts scene, eclectic shops and restaurants, hundreds of miles of walking and biking paths, and an abundance of outdoor activities.

A complete application includes a cover letter, complete CV, graduate transcripts, 1-3 page statement of research and teaching philosophy, and three letters of reference. The cover letter must address the applicant’s interest in collaborative research in biological sciences and the relevant experience. Application materials can be uploaded at http://cns.natsci.colostate.edu/employment/StatsBio/ Complete application instructions are available at that site.

Applications completed by December 1, 2013 will receive full consideration, but applications will be accepted after this date until the position is filled. Applications of semifinalist candidates, including letters of reference, will be made available for review by the entire faculty of the Department of Statistics.

Colorado State University does not discriminate on the basis of race, age, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, or gender identity or expression. Colorado State University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services. Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks
may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.

University of Illinois at Urbana-Champaign (two positions)

ASSISTANT PROFESSOR: STATISTICS AND DATA SCIENCE

The Department of Statistics at the University of Illinois at Urbana-Champaign invites applications for a tenure-track assistant professor (100% for 9 months). The target start date is August 16, 2014. Salary is competitive. Applicants must have a PhD in Statistics, Biostatistics, or a related field, and demonstrate potential for excellent research and high quality teaching. All areas of Statistics are welcome. We especially encourage applications from candidates with strong interests in developing cutting-edge statistical methodology, theory or computing tools for solving large/massive and complex data intensive problems.

The Department of Statistics is a vibrant, growing department with approximately 200 undergraduate majors, well over 100 graduate students, and a rich history of research in statistical theory and methods as well as interdisciplinary applications. Illinois is the home of Blue Waters, one of the most powerful supercomputers in the world, and the National Center for Supercomputing Applications. The university also has leading research and graduate programs in Computational Science and Engineering. Prospective faculty will be encouraged to develop interdisciplinary research and collaborations with researchers in data science fields.

Application Instructions: Apply online at https://jobs.illinois.edu/. To ensure full consideration, submit cover letter, curriculum vitae, graduate transcripts, research and teaching statements and contact information for at least three reference letters. Referees will be contacted electronically upon the submission of the application. Letters of recommendation must be received no later than Dec. 31, 2013. To ensure full consideration, all required application materials must be submitted by Dec. 15, 2013. For further information, please contact Prof. Annie Qu (anniequ@illinois.edu).

Illinois is an Affirmative Action/Equal Opportunity Employer and welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity (www.inclusiveillinois.illinois.edu).

Title: College of Liberal Arts and Sciences – Assistant Professor – Department of Statistics
Position Number: (F1300125)

OPEN RANK FACULTY POSITION IN BIOSTATISTICS

The Department of Statistics at the University of Illinois at Urbana-Champaign invites applications for a tenured or tenure-track faculty position in biostatistics (100% for 9 months). The target starting date is August 16, 2014. Salary is competitive. Applicants must have a PhD in Statistics, Biostatistics, or a related field at time of appointment. Applicants at the assistant professor level must have a strong research record, or a promising research agenda, and a strong record of teaching. Applicants at the associate/full professor level must have an outstanding research record and excellence in teaching appropriate for appointment with tenure. The target area is biostatistics with an emphasis on applications in bioinformatics and quantitative biology, but all areas of biostatistics are welcome. The
Department of Statistics is a vibrant, growing department with approximately 200 undergraduate majors, well over 100 graduate students, and a rich history of research in statistical theory and methods as well as interdisciplinary applications.

Illinois offers abundant resources and wonderful opportunities for collaboration with leading researchers in the life sciences, medical and health sciences and biomedical engineering. Notably, the Institute for Genomic Biology is home of groundbreaking research in systems biology and genome technology; the Beckman Institute for Advanced Science and Technology is a world leader for research in biology, engineering, behavioral and cognitive sciences and neuroscience; and the National Center for Supercomputing Applications (NCSA) hosts the Blue Waters project for sustained petascale computing as well as dedicated campus supercomputing facilities.

Application Instructions Assistant Professor applicants:
Apply online at https://jobs.illinois.edu/ To ensure full consideration, submit cover letter, curriculum vitae, graduate transcripts, research and teaching statements and contact information for at least three reference letters. Referees will be contacted electronically upon the submission of the application. Letters of recommendation must be received no later than Dec. 31, 2013.

Application Instructions Associate/Full Professor applicants:
Apply online at https://jobs.illinois.edu/ To ensure full consideration, submit cover letter, curriculum vitae, research and teaching statements and contact information for at least three reference letters. After a review of the research record, the search committee may then contact the applicant about soliciting letters of reference.

Deadline date- all applications:
To ensure full consideration, all required application materials must be submitted by Dec. 15, 2013. Applicants may be interviewed before the closing date, but no hiring decisions will be made until after the closing date. For further information, please contact Prof. Jeff Douglas (jeffdoug@illinois.edu).

Illinois is an Affirmative Action /Equal Opportunity Employer and welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity.

Title: College of Liberal Arts and Sciences – Open Rank Faculty – Department of Statistics (F1300121)

UNIVERSITY OF MISSOURI-COLUMBIA (three positions)

ASSISTANT TEACHING PROFESSORS, DEPARTMENT OF STATISTICS

The Department of Statistics seeks to fill one assistant teaching professor position starting Winter 2014 and one starting Fall 2014. A doctorate in statistics or related field by employment begin date and excellence in teaching, and excellent communication skills are required.

This position is structured so that 80% of the appointment is teaching (4 courses per semester or equivalent), and 20% is service. The administrative home for this faculty position resides solely in the Department of Statistics. Deadline for applications is Dec 15, 2013.

Please apply online at http://hrs.missouri.edu/find-a-job/academic. Merge your CV with a brief cover letter into one document and upload it in the Resume/CV section of the application. Applicants should also include transcripts. Have three letters of reference sent directly to Chair of Search Committee.
Assistant/Associate Professor  STOCHASTIC MODELING

The Department of Statistics and Division of Biological Sciences at the University of Missouri invite applications for a joint mid-level tenured position in stochastic modeling. We are particularly interested in candidates who use Bayesian approaches to model biological problems. The successful candidate will establish a research program that complements each department’s existing strengths in statistics and biology and builds linkages across campus with groups in the College of Agriculture, Food, and Natural Resources such as Fisheries & Wildlife or Plant Science. A Ph.D. in statistics or biostatistics is required. MU features an interdisciplinary Complexity Modeling Initiative with more than 66 modeling faculty representing 18 departments across campus.

We offer a highly competitive salary and start-up package, active doctoral programs with institutional support for students, and a highly interactive faculty. Columbia, Missouri is ranked among the top-ten best college towns in the U.S. We are deeply committed to ethnic, racial and gender diversity in our faculty and strongly encourage applications from women and members of groups underrepresented in mathematics and science.

Please apply online at [http://hrs.missouri.edu/find-a-job/academic](http://hrs.missouri.edu/find-a-job/academic) with a cover letter, current vita, statement of research and teaching interests and contact information for three references. Review of applications will begin December 15, 2013.

TENURE TRACK POSITION, DEPARTMENT OF STATISTICS, UNIVERSITY OF MISSOURI-COLUMBIA

The Department of Statistics seeks to fill one tenure-track Assistant Professor Position starting Fall 2014. A doctorate in Statistics or biostatistics or related field by August 15, 2014, excellence in teaching and research, and excellent communication skills are required.

This position is structured so that 40% of the appointment is teaching (2 courses per semester), 40% independent research, and 20% service. The tenure and administrative home for this faculty position resides solely in the Department of Statistics. Deadline for applications is December 1, 2013

Please apply online at [http://hrs.missouri.edu/find-a-job/academic](http://hrs.missouri.edu/find-a-job/academic) . Merge your CV and a brief cover letter and upload the document in the Resume/CV section of the application. Applicants should include their transcripts in the “attachments” portion of the online application system, and have three letters of reference sent directly to:
Chair of Search Committee
University of Missouri
Department of Statistics
146 Middlebush Hall  
Columbia, MO 65211 or  
umcstatfacsearch@missouri.edu

The Department of Statistics has 17 tenure or tenured track faculty members with research interests in adaptive designs, Bayesian statistics, biostatistics, bioinformatics, ecology, environmental statistics, model selection, nonparametric statistics, order restricted inference, sequential design, shape analysis, spatial statistics, spatio-temporal processes, and time series. Faculty research includes theoretical and methodological statistics with diverse applications such as AIDS research, air pollution, biostatistics, climatology, disease mapping, ecology, economics, engineering, forestry, genetics, meteorology, oceanography, psychology, and wildlife biology. Current research is supported by about four million dollars in grants from EPA, NASA, NIH, NSF, and the Missouri Department of Conservation. Furthermore, members of the department serve as statistical consultants on grants in the health sciences for over three million dollars. The department offers bachelors, masters, and PhD degrees and has over 90 graduate students. For more detail see http://www.stat.missouri.edu/.

Columbia is a city of more than 113,225 people located in central Missouri. Kansas City and St. Louis are each about 120 miles from Columbia, less than a two hour drive on Interstate 70. Local cultural activities are numerous with a thriving live music scene, and numerous plays and concert series offered by the city, University, and Stephens and Columbia colleges. The city is connected to the state-wide hiking-biking trail network (the "Katy Trail") and the Ozark recreational area is a two to four hour drive from Columbia and provides camping, hiking, water sports and float trips. For more information about the city of Columbia, please visit https://www.gocolumbiamo.com

The University of Missouri is an Equal Opportunity/Affirmative Action/ADA Employer

ASSISTANT/ASSOCIATE/FULL PROFESSOR of BIOSTATISTICS or BIOINFORMATICS  
DEPARTMENT OF BIOSTATISTICS & MEDICAL INFORMATICS  
UNIVERSITY OF WISCONSIN SCHOOL OF MEDICINE & PUBLIC HEALTH  
And MORGRIDGE INSTITUTE FOR RESEARCH

The Department of Biostatistics & Medical Informatics (BMI) at the University of Wisconsin School of Medicine & Public Health (SMPH), in collaboration with the Morgridge Institute for Research (MIR), seeks a tenure track assistant/associate/full professor starting by August 2014. Candidates should have a PhD in Biostatistics, Statistics, Bioinformatics, Computational Biology, Biomedical Informatics, Computer Sciences, or a closely related quantitative area, and demonstrated ability to work in a collaborative, interdisciplinary environment.

Relevant expertise may include, but is not limited to, high-dimensional inference, data integration, graphical modeling, experimental design, network analysis, statistical genetics/genomics, machine learning, optimization, combinatorial algorithms, and image analysis. The incumbent will conduct, publish, and disseminate collaborative and methodological research at the forefront of his/her discipline, including maintaining his/her own independent research program. Attracting and maintaining external funding are parts of the position expectations. Responsibilities will include training graduate students, teaching one BMI course per year, and participating in professional, university, and community service appropriate to rank.
The successful candidate will join the BMI Department, home to faculty with expertise in bioinformatics; clinical informatics; image analysis; biostatistics; and statistical genetics and genomics. Faculty collaborate with scientists across UW and the state, including MIR, the Wisconsin Institute for Discovery, the Institute for Clinical and Translational Research, the Carbone Cancer Center, and the Marshfield Clinic Research Foundation. The Department maintains strong ties to the world-class Departments of Computer Sciences, Statistics, and Industrial & Systems Engineering, through which many of its graduate students are trained.

Simultaneously, the successful candidate will join an energetic team of investigators in the Virology Focus Area of MIR, which is furthering understanding and control of viruses and their roles in human disease. The interdisciplinary environment of MIR provides an exciting context for quantitative methodological, computational, and theoretical advances expected of a tenured or tenure track professor in BMI. MIR is part of the twin institutes of the Wisconsin Institutes for Discovery, a public-private initiative that facilitates interdisciplinary research and breakthrough discoveries to advance human health and well-being. The ultra-modern MIR laboratory and computational research facility is located across the street from the BMI suite of offices on the central UW-Madison campus, and has become a hub of collaborative scholarship.

The University of Wisconsin-Madison is a world-class academic institution with an international reputation for basic, applied, and interdisciplinary research. UW-Madison recently surpassed $1 billion in annual research expenditures and ranks third in the nation in science and engineering expenditures. Madison provides a vibrant, culturally rich environment highly ranked in national surveys for quality of life.

To ensure full consideration, applications must be received by December 15, 2013. Please see PVL #77619,

http://www.ohr.wisc.edu/WebListing/Unclassified/PVLSummary.aspx?pvl_num=77619,

for application procedures. AA/EOE. Women and minorities are encouraged to apply. Unless confidentiality is requested in writing, information regarding the applicants must be released upon request. Finalists cannot be guaranteed confidentiality. A criminal background check will be required prior to employment.