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Positions

(1) Division of Biostatistics, Baylor College of Medicine: tenure and non-tenure track positions

The Baylor College of Medicine and Dan L. Duncan Cancer Center (DLDCC) seek highly qualified candidates in Biostatistics to join the Division of Biostatistics, and the Biostatistics and Informatics Shared Resource. Interest in translational research, clinical trials and bioinformatics are especially desirable.

Baylor College of Medicine is one of the world's leading medical institutions, ranking 19th among US medical schools in total NIH funding ($192 million) this past year and also topped the nation's list for funding in the biological sciences. The DLDCC received its NCI Cancer Center designation in 2007 and recently submitted its second competitive renewal. There is $143 million in cancer related research currently being conducted by DLDCC members and more than 3,000 new cancer patients are seen per year by our hospital affiliates.
We are seeking individuals who are interested in full-time tenure and non-tenure track faculty positions. The successful candidates will be employed by the Dan L. Duncan Cancer Center with an academic appointment in the Department of Medicine/Section of Hematology and Oncology. Applicants with interests and experience in collaborative research, as well as personal research interests in statistical methodology, and bioinformatics are encouraged to apply.

Faculty applicants must have a PhD or equivalent degree in biostatistics, statistics, bioinformatics or related field. Excellent communication skills and ability to work as a member of a multidisciplinary team are essential. Hiring is contingent on eligibility to work in the United States.

The Texas Medical Center is the largest medical center in the world, offering tremendous scientific and collaborative opportunities. Houston is one of the most diverse cities in the US and a wonderful community for work, family, and play. [http://www.houston.org/living/](http://www.houston.org/living/)


Questions can be directed to sgh@bcm.edu.

(2) Department of Mathematical Sciences, University of Cincinnati: tenure-track assistant professor positions

Applications are invited for three tenure-track Assistant Professorships, one in Statistics and two in Mathematics focused on Analysis and/or Applied Mathematics, two of the department's concentrated research areas of strength.

The Department of Mathematical Sciences has a strong graduate program offering MS and PhD degrees in statistics and pure and applied mathematics. The department is dedicated to excellence in both research and teaching. Statistics faculty are involved in both methodological and interdisciplinary research. Their research interests include Bayesian methods, spatial and environmental statistics, and statistical methods and computing for massive data. Analysis faculty have a strong presence in the international research communities of Geometric Analysis and PDEs. Applied Mathematics faculty have research interests in mathematical physics, mathematical biology and ecology, systems biology, and numerical analysis. Statistics and Applied Math faculty have active collaborations, internally with faculty of the UC College of Medicine and the UC College of Engineering & Applied Science, and externally with the Cincinnati Children's Hospital Medical Center and Wright-Patterson Air Force Base. The normal teaching load for research-active faculty is six credit hours per semester with a three credit hour reduction for new faculty in each of the first two years and a reduced service role. The job duties
include maintaining an active research program, continually seeking external funding, mentoring graduate students, and teaching both graduate and undergraduate courses.

Completed applications consisting of a cover letter, CV, description of research program (if applicable), description of teaching experience (if applicable), and three letters of recommendation, should be submitted on mathjobs.org https://www.mathjobs.org/jobs/jobs/6622. Applicants must also submit a CV and cover letter on UC's recruitment system @ www.jobsatuc.com/applicants/Central?quickFind=90420.

Review of applications will begin on December 10, 2014. The appointment will begin on August 15, 2015. The position requires a PhD degree in either mathematics or statistics to be awarded by August 14, 2015. Inquiries concerning the position should be directed to Dr. Bingyu Zhang or Dr. Don French, Search Committee co-Chairs, or Dr. Shuang Zhang, Head of Department of Mathematical Sciences. Applications will be accepted until the position is filled. The University of Cincinnati is an equal opportunity/affirmative action employer. Women, people of color, those with disabilities, and veterans are encouraged to apply.

Note: No candidate can be hired unless application has been submitted in the UC's system at https://www.jobsatuc.com/userfiles/jsp/shared/frameset/Frameset.jsp?time=1415048738168

(3) Department of Computer Science and Statistics, University of Rhode Island: Multicultural Post-Doctoral Fellow

The Department of Computer Science and Statistics is searching for a full time post-doctoral position (limited to 06-30-2016) for one year with the possibility to transition into a tenure-track position, contingent upon favorable reviews of productivity in research and potential for teaching during the period of the fellowship. This position is intended to increase the diversity of the faculty in the Computer Science and Statistics department and advance issues of diversity in research and teaching within academic programs at the University of Rhode Island.

Candidates interested in pursuing a career of teaching, research and outreach including collaborative, interdisciplinary research with others within and outside the department are invited to apply to this position. We are particularly interested in candidates with expertise in computing and/or statistics related to computational and data-enabled science, biostatistics, Bayesian hierarchical models, STEM education, big data, high performance computing or human-computer interfaces and who have potential to collaborate with others in the department and across campus.

Candidates who can collaborate with and enhance already existing areas of excellence and interest at URI such as, and not limited to, cybersecurity, digital forensics, algorithms, graphics, interactive computing, human computer interfaces, high
performance computing, sensor networks, machine learning, data mining, bioinformatics, computational science, computing education, neuroscience, computational science, computational social science, and computational humanities, for example, will be given the most serious consideration. Conduct research, seek external research funding, and participate in interdisciplinary research across colleges and disciplines; contribute to the teaching of undergraduate and graduate courses (reduced load); engage in research with graduate students.

Visit our website at https://jobs.uri.edu to apply and to view the complete details for job post # (6001638). APPLICATION DEADLINE INFORMATION: Search will remain open until filled. First consideration will be given to applications received by February 2, 2015. Second consideration of applications must be submitted by March 2, 2015. Applications received subsequent to second consideration March 2, 2015 may not be given full consideration.

Required documents: please attach 4 (PDF) documents to your online Employment Application: (#1) A cover letter, (#2) CV to include the names and contact information of three references, (#3) teaching statement, and (#4) research statement. Please note: a recommended document #5 "Other Document" is a list of courses taught or assisted, consulting experience, and mentoring experience. Only online applications are accepted.

The University of Rhode Island is an AA/EEOD employer. Women, persons of color, protected veterans, individuals with disabilities, and other protected groups members are encouraged to apply.

(4) Department of Computer Science and Statistics, University of Rhode Island: Assistant Professor, Computer Science and Statistics

The Department of Computer Science and Statistics is searching for a full time, tenure track Assistant Professor position to begin academic year 2015-2016.

Candidates interested in pursuing a computer science career of teaching, research and outreach including collaborative research with others within and outside the department are invited to apply electronically to this position. Candidates who can collaborate with and enhance already existing areas of excellence and interest at URI such as, but not limited to, informatics, big data, cybersecurity, digital forensics, algorithms, graphics, interactive computing, human computer interfaces, high performance computing, sensor networks, machine learning, data mining, bioinformatics, computing education, STEM education, neuroscience, computational science, computational social science, and computational humanities will be given the most serious consideration.

It is expected that candidates will also be committed to excellence in undergraduate and graduate teaching, and to supervising and mentoring students. Conduct research, obtain external research funding, and participate in interdisciplinary research; teach undergraduate and graduate courses; advise graduate students.
Visit the URI jobs website at: https://jobs.uri.edu to apply and view complete details for job posting # (6001663). Please attach 4 (PDF) documents to your online Faculty Employment Application: (#1) Cover letter, (#2) CV to include a list of courses taught or assisted, consulting experience, and mentoring experience, (#3) Teaching Statement, (#4) Research Statement. Also required: 3 written letters of recommendation from referees sent directly to: dipippo@cs.uri.edu.

APPLICATION DEADLINE: Search will remain open until filled. First consideration will be given to applications received by January 1, 2015. Second consideration may be given to applications received by February 15, 2015. Applications received subsequent to the second consideration date (February 15, 2015) may not be given full consideration. Only online applications will be accepted.

The University of Rhode Island is an AA/EEOD employer. Women, persons of color, protected veterans, individuals with disabilities, and other protected groups members are encouraged to apply.

(1) Mathematical Sciences Innovation Incubator

An NSF funding opportunity update is now available:

Mathematical Sciences Innovation Incubator (MSII)

Please see

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505044&org=DMS

for details.

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From the program page:

The National Science Foundation (NSF) Division of Mathematical Sciences (DMS) aims to enhance the synergistic relationships between the mathematical sciences and other NSF-supported disciplines through the Mathematical Sciences Innovation Incubator (MSII) activity. The MSII activity encourages and supports new research collaborations among mathematical scientists and other scientists and engineers working in NSF-supported research areas of high national priority by:

* facilitating DMS co-review and co-funding of multi-disciplinary research collaborations
involving mathematical scientists;
* providing leverage for investments of non-DMS NSF programs in projects that include mathematical scientists; and
* providing a uniform mechanism through which collaborative research teams involving mathematical scientists can request DMS co-review.

The ideas, tools, and language of mathematics and statistics play important roles in every area of science and engineering research supported by the National Science Foundation, and it is widely recognized that interactions between the mathematical sciences and other fields catalyze developments in both. The Division of Mathematical Sciences wishes to foster the participation of more mathematical scientists, from every area of mathematics and statistics, in such important interdisciplinary work. In support of this goal, the MSII activity provides funding to catalyze the involvement of mathematical scientists in research areas where the mathematical sciences are not yet playing large roles.

The MSII activity emphasizes scientific research areas of high national priority that would benefit from innovative developments in mathematics and statistics. For example, modern communication, transportation, medicine, manufacturing, security, and finance all depend on the mathematical sciences. Success in meeting crucial challenges currently facing the nation in these areas will rest on advances in mathematical sciences research. Collaborative research projects involving mathematical scientists have the potential to transform the nation’s ability to respond to these and many other challenges.

Areas of national high-priority scientific research in fiscal year 2015 identified by the U.S. Office of Science and Technology Policy include:
* Advanced Manufacturing
* Clean Energy
* Global Climate Change
* Research and Development for Informed Policy-Making and Management
* Information Technology Research and Development
* Innovation in Biology and Neuroscience

The MSII activity will support research projects in these and other areas of national priority that are managed by NSF programs outside of DMS and that involve mathematical scientists in the research.

(2) Informative blog on applying for an NSF grant

Here is a recent informative and thorough blog entry by a mathematician: "Applying for an NSF grant": http://galoisrepresentations.wordpress.com/2014/09/26/applying-for-an-nsf-grant/.
(1) Tell us all about changes to your curriculum

If you are making, or considering making, changes to your graduate curricula, would you please send me (ron@amstat.org) a few paragraphs about your plans. We would like to share what you are doing with your colleagues through this digest and, if you are willing, through Amstat News. Change is in the wind, and everyone would benefit from awareness of what is happening in our various programs.