Positions available, items for sale, services available, and more

UNIVERSITY OF CONNECTICUT
Department of Mathematics
Assistant, Associate, or Full Professor

The Department of Mathematics at the University of Connecticut, Storrs, invites applications for full-time, 9-month tenured-track faculty positions at the rank of Assistant, Associate, or Full Professor in Mathematics beginning in fall 2017. We are seeking exceptionally well-qualified individuals with outstanding research programs. The successful candidate will be expected to teach mathematics courses at all levels and to have a vigorous externally funded research program.

UConn has grown rapidly in the past decade to become one of the nation’s Top 20 public universities, with an ambitious goal, at this transformational time in its history, to join the ranks of the greatest universities in the world. As one of the University’s emphasized STEM programs, supported by the $1.7B Next Generation Connecticut investment, the math department enjoys an active and dynamic academic environment. The department currently has 43 research faculty members with diverse research interests (including financial mathematics and actuarial science, algebra and number theory, analysis, applied math, geometry and topology, mathematical logic, math education, numerical analysis, partial differential equations, and probability) and a strong record of external funding. Faculty members in the department participate in a range of interdisciplinary projects with Physics, Philosophy, Life Sciences, Statistics, and with the Neag School of Education. The department has moved into a new building in fall 2016.

The successful candidates for these positions will be expected to contribute to research and scholarship through extramural funding (in disciplines where applicable), high quality publications, impact as measured through citations, performances and exhibits (in disciplines where applicable), and national recognition as through honorific awards. In the area of teaching, the candidate will share a deep commitment to effective instruction at the undergraduate and graduate levels, development of innovative courses and mentoring of students in research, outreach and professional development. Successful candidates will also be expected to broaden participation among members of under-represented groups; demonstrate through their research, teaching, and/or public engagement the richness of diversity in the learning experience; integrate multicultural experiences into instructional methods and research tools; and provide leadership in developing pedagogical techniques designed to meet the needs of diverse learning styles and intellectual interests.

**Minimum Qualifications:** A PhD or an equivalent foreign degree in mathematics or a closely related area by August 22, 2017, demonstrated evidence of excellent teaching and outstanding research; and a deep commitment to promoting diversity through academic and research programs. Equivalent foreign degrees are acceptable.

**Preferred Qualifications:** An outstanding research program in an area that complements the research activity in the department; a record of attracting external funding; a commitment to effective teaching at the graduate and undergraduate levels including integrating...
UNIVERSITY OF CONNECTICUT
Department of Mathematics
Assistant Professor in Residence

The Department of Mathematics at the University of Connecticut invites applications for positions at the rank of Assistant Professor in Residence beginning in fall 2017. The number of positions is subject to budgetary constraints.

The University of Connecticut (UConn) is in the midst of a transformational period of growth supported by the $1.7B Next Generation Connecticut investments and a bold new Academic Plan: Path to Excellence (https://uconnprovost/docs/academic-plan-single-hi-optimized). We are pleased to continue these investments by inviting applications for faculty positions in the Department of Mathematics at the rank of Assistant Professor in Residence.

The Mathematics Department has active programs in various areas of mathematical research including mathematics education. The education group works on issues across the K-20 spectrum, with particular emphasis on effective teaching content, and on applications of mathematics education research to instruction in the department. This group works closely with the Center for Research in Mathematics Education, based in the Neag School of Education. Successful candidates who are interested in mathematics education will have an opportunity to work on writing and implementing grants within these units.

These positions are open only to candidates who have received a PhD in mathematics, and are suitable for candidates interested in a career at UConn with an emphasis on teaching excellence. In particular, the committee will be looking within the applications for specific evidence of outstanding teaching and experience with educational technology and interactive technological teaching tools. Applicants with an interest in mathematics education are strongly encouraged to apply.

Minimum qualifications include: A PhD in mathematics, a record of outstanding teaching, and an interest in mathematics education. Equivalent foreign degrees are acceptable.

Preferred qualifications include: Experience with educational technologies, such as online homework systems, message boards, videos, smart boards, or classroom personal response systems ("clickers"); experience teaching large lectures; commitment to effective teaching, the ability to contribute through research, teaching, and/or public engagement to the diversity and excellence of the learning experience.

Appointment Terms: These are full-time, 9-month, non-tenure track positions which may lead to long-term multi-year contracts. The teaching load for these positions is approximately six courses per year. These positions have an anticipated start date of August 23, 2017. The successful candidate’s academic appointment will be at the Storrs campus. Faculty may also be asked to teach at one of UConn’s regional campuses as part of their workload. Rank and salary will be commensurate with qualifications and experience.

To Apply: Submit a cover letter, curriculum vitae, teaching statement (including teaching philosophy, teaching experience, commitment to effective learning, concepts for new course development, etc.), research and scholarship statement, innovative concepts that will form the basis of academic career, experience in proposal development, mentorship of graduate students, etc.), commitment to diversity statement (including broadening participation, integrating multicultural experiences in instruction and research and pedagogical techniques to meet the needs of diverse learning styles, etc.); and five letters of reference, one of which addresses the applicant’s teaching online at www.mathjobs.org/jobs.

Evaluation of applications will begin on November 21, 2016. Employment of the successful candidate will be contingent upon the successful completion of a pre-employment criminal background check. Questions or requests for further information should be sent to the Hiring Committee at mathhiring@uconn.edu.

All employees are subject to adherence to the State Code of Ethics which may be found at www.ct.gov/ethics/site/default.asp.

The University of Connecticut is committed to building and supporting a multicultural and diverse community of students, faculty and staff. The diversity of students, faculty and staff continues to increase, as does the number of honors students, valedictorians and salutatorians who consistently make UConn their top choice. More than 100 research centers and institutes serve the University’s teaching, research, diversity, and outreach missions, leading to UConn’s ranking as one of the nation’s top research universities. UConn’s faculty and staff are the critical link to fostering and expanding our vibrant, multicultural and diverse University community. As an Affirmative Action/Equal Employment Opportunity employer, UConn encourages applications from women, veterans, people with disabilities and members of traditionally underrepresented populations.

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MAINE

Bowdoin College
Tenure-Track, Assistant Professor

Tenure-track Assistant Professor position starting fall 2017. Preference given to applicants in the fields of number theory or ergodic theory and theoretical dynamics, areas which complement the research interests of our faculty. We
are particularly interested in mathematicians whose research areas include both theoretical and computational aspects. Teaching two courses per semester, PhD preferred, advanced ABDs considered.

Visit www.mathjobs.org to apply. Review begins 12/7/16 and will continue until position is filled.

Bowdoin College is committed to equality and is an equal opportunity employer. For a full description of the position and further information about the College, see www.bowdoin.edu

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**MICHIGAN**

**Michigan State University**
**Department of Mathematics**

Michigan State University has a tenure-system faculty position to begin in the fall 2017 for the Actuarial Science program. The search seeks candidates at the rank of Assistant Professor, but outstanding candidates at higher ranks may be considered. Candidates must have a PhD in mathematics or statistics with published research directly related to actuarial science, risk analysis, or financial mathematics. Associate status with the Society of Actuaries, the Casualty Actuarial Society, or similarly recognized actuarial professional association is desirable. The successful candidate will be appointed either in the Department of Mathematics, or in the Department of Statistics and Probability, or jointly between the two departments.

Applications should include curriculum vitae, research statement, teaching statement, and should arrange for at least 4 letters of recommendation to be sent by the letter writers through www.mathjobs.org, one of which must specifically address the applicant’s teaching ability.

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**NORTH CAROLINA**

**Statistical & Applied Mathematical Sciences Institute (SAMSI)**
**Director**

SAMSI is seeking its next Director, to begin the position no later than July 1, 2018. Candidates with vision, energy, and experience are encouraged to apply. The appointment will be coincident with appointment as a tenured faculty member at one of the SAMSI partner universities: Duke University, North Carolina State University, or the University of North Carolina-Chapel Hill.

The Director has primary responsibility for the scientific leadership of SAMSI and for the administrative and financial functions required to realize the scientific vision. They will be a scholar with an international reputation of research in statistics, applied mathematics or a closely related field. SAMSI has a strong record of interdisciplinary research covering a wide variety of biological, physical and social sciences, and is seeking to expand actively in the fields of computing and data science. In addition, the Director is expected to have experience in university departmental administration and a willingness to provide leadership in other areas of importance to SAMSI including fundraising, education and outreach, and diversity.

SAMSI is a mathematical sciences institute whose primary source of funding is the National Science Foundation. Day-to-day management is in the hands of a Directorate consisting of the Director, the Deputy Director, two Associate Directors, and an Operations Director. Financial and personnel management of the institute are overseen by a Governing Board chaired by Professor Robert Calderbank (Duke), including representatives of all three partner universities as well as the American Statistical Association and the Society for Industrial and Applied Mathematics. The selection of research programs is overseen by a National Advisory Committee consisting of leading national researchers in statistics, applied mathematics and disciplinary sciences. The Director has ultimate responsibility for all the financial and personnel decisions of the Institute, for liaison with the partner universities and the National Science Foundation, for working with the Operations Director on management of the staff and the facilities, and for long-term planning including fundraising. The Director also works closely with the Deputy and Associate Directors to provide ongoing oversight of SAMSI research programs and of the institute’s education, outreach and diversity activities.

SAMSI is located in Research Triangle Park, NC. The region is rich in terms of statistical and applied mathematical expertise, and in interdisciplinary scientists which are essential to many SAMSI programs.

Candidates are asked to send a CV and cover letter to directorsearch@samsi.info. Applications will receive fullest consideration if received by January 1, 2017, and applications will remain open until the position is filled.

Search Committee: James Berger (chair, Duke University), Mihai Anitescu (Argonne National Laboratory), Robert Calderbank (Duke University), Marie Davidian (North Carolina State University), M. Gregory Forest (University of North Carolina, Chapel Hill), Susan A. Murphy (University of Michigan), Javier Rojo (University of Nevada, Reno), Richard Smith (University of North Carolina, Chapel Hill), Michael Stein (University of Chicago), Margaret H. Wright (Courant Institute of Mathematical Sciences), Linda J. Young (National Agricultural Statistics Service).

SAMSI is an equal opportunity/affirmative action employer.

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**PENNSYLVANIA**

**Penn State University**
**Department of Mathematics**

The Department of Mathematics is seeking exceptional applicants for one tenure or tenure-track faculty position specializing in big data research with mathematics background in one or more areas of high-dimensional geometry, algebraic geometry, algebraic topology, computational geometry, topological data analysis, representation theory and noncommutative harmonic analysis, homological algebra, randomized numerical linear algebra, recurrent neural networks, and multiple areas in machine learning including deep learning. A PhD is required. Applicants must complete the Penn State application at https://psu.jobs/job/67556 and must submit an application through MathJobs.ORG (https://www.mathjobs.org/jobs) with the following materials in order for the application to be complete: (1) at least three reference letters, one of which should address in detail the candidate’s abilities as a teacher, (2) Curriculum Vitae, (3) Publication List, (4) Research Statement, and (5) Teaching Statement. We encourage applications from individuals of diverse backgrounds. Review of applications will begin January 15, 2017 and continue until the position is filled.

CAMPUS SECURITY CRIME STATISTICS: For more about safety at Penn State, and to review the Annual Security Report which contains information about crime statistics and other safety and security matters, please go to www.police.psu.edu/clery, which will also provide you with detail on how to request a hard copy of the Annual Security Report.

Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.