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Submission: Send email to classads@ams.org.

For more information and to apply, please visit www.mathjobs.org. To receive full consideration, submit applications by December 1, 2019. MIT is an Equal Opportunity, Affirmative Action Employer.

Massachusetts Institute of Technology
Cambridge, MA

The Mathematics Department at MIT is seeking to fill positions in Pure and Applied Mathematics at the level of Assistant Professor or higher beginning July 2020 (for the 2020-2021 academic year, or as soon thereafter as possible). Appointments are based primarily on exceptional research qualifications. Appointees will be required to fulfill teaching duties and pursue their own research program. PhD in Mathematics or related field required by employment start date.

For more information and to apply, please visit www.mathjobs.org. To receive full consideration, submit applications by December 1, 2019. MIT is an Equal Opportunity, Affirmative Action Employer.

University of Nebraska-Lincoln
Department of Mathematics

Applications are invited for one tenure-track position in algebra or geometry, starting August 2020. The successful candidate will have a PhD in mathematics and a demonstrated potential for excellence in mathematics research and teaching. Preference will be given to applicants who (i) have a documented research background in an area of algebra or geometry, particularly in commutative algebra, algebraic geometry, geometric group theory or closely related field, and (ii) have the potential to interact with and strengthen existing research groups within the Department of Mathematics.

Applicants should submit a letter of application, a CV, separate statements addressing research and teaching, and at least three letters of reference, at least one of which should address teaching. Applicants are encouraged to use the AMS application cover sheet and to submit their applications via mathjobs.org. If using mathjobs.org is not possible, hard copies may be sent to: Tenure-Track Search Committee Chair, Department of Mathematics, 203 Avery

Massachusetts Institute of Technology
Cambridge, MA

The Mathematics Department at MIT is seeking to fill positions in Pure and Applied Mathematics, and Statistics at the level of Instructor beginning July 2020 (for the 2020-2021 academic year). Appointments are based primarily on exceptional research qualifications. Appointees will be expected to fulfill teaching duties and pursue their own research program. PhD in Mathematics or related field required by employment start date.

For more information and to apply, please visit www.mathjobs.org. To receive full consideration, submit applications by December 1, 2019. MIT is an Equal Opportunity, Affirmative Action Employer.
Hall, University of Nebraska-Lincoln, Lincoln, NE 68588-0130.

In addition, to be considered for the position, applicants must also complete the Faculty/Administrative application at http://employment.unl.edu, requisition # F_190101. Review of applications will begin October 18, 2019 and continue until the position is filled. For more information see the department's web site at www.math.unl.edu.

As an EO/AA employer, qualified applicants are considered for employment without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation. See http://www.unl.edu/equity/notice-nondiscrimination.

NEW JERSEY

Princeton University
Program in Applied and Computational Mathematics
Postdoctoral Research Associate

The Program in Applied and Computational Mathematics invites applications for Postdoctoral Research Associate or more senior positions, to join in research efforts of interest to its faculty. Domains of interest include nonlinear partial differential equations, computational fluid dynamics, material science, dynamical systems, numerical analysis, stochastic analysis, graph theory and applications, mathematical biology, financial mathematics, mathematical approaches to signal analysis, information theory, structural biology and image processing.

Appointments are made for one year, renewable yearly for up to three years, if funding is available and performance is satisfactory. For details on specific faculty members and their research interests, please go to https://www.pacm.princeton.edu/sites/default/files/faculty_interests2018-19apc_0.pdf.

Applicants must submit a cover letter, CV, bibliography/publications list, statement of research and three letters of recommendation online at https://www.mathjobs.org/jobs. PhD is required. This position is subject to the University background check policy.

Princeton University is an Equal Opportunity/Affirmative Action Employer and all qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability status, protected veteran status, or any other characteristic protected by law.

NORTH CAROLINA

North Carolina State University
Department of Mathematics

The Department of Mathematics at North Carolina State University invites applications for several opportunities for junior tenure-track position beginning Fall 2020. Applications from suitably qualified candidates for more senior positions will be considered. We are seeking exceptionally well-qualified individuals with research interests compatible with those in the department. The first opportunity is in the general area of financial mathematics. Among the areas of interest are computational finance, financial risk analysis, portfolio optimization, and machine learning in finance.

Additional opportunity for Mathematical Analysis and its applications with areas of interest are harmonic analysis, nonsmooth analysis, optimal transportation theory, and stochastic analysis.

Additional opportunities for interdisciplinary mathematics are available. Interdisciplinary candidates are expected to be involved in cross-disciplinary collaborative research with demonstrated potential for impact and will need to demonstrate experience in and appreciation for mathematical research that is actively engaged with other disciplines, such as engineering or life sciences. For applied mathematics candidates, expertise in one or more of the following areas: dynamical systems, approximation theory (e.g. compressed sensing and sparse approximations), machine learning, applied probability, numerical analysis, or optimization is of particular interest.

Information about the department and all available searches is available at https://math.sciences.ncsu.edu/about.

Candidates must have a PhD in the mathematical sciences or related areas; successful post-doctoral training; experience in, and a continued commitment to, outstanding research and effective teaching at the undergraduate and/or graduate levels. Inclusiveness and diversity are critical to the success of the Department of Mathematics, the College of Sciences and the University (https://math.sciences.ncsu.edu/about). The selected candidate will be expected to foster an environment that is supportive and welcoming of all students, faculty and staff.

Applications should be submitted electronically at http://www.mathjobs.org/jobs/ncsu, and must include: curriculum vitae, statement of research, statement of teaching philosophy, and at least three letters of recommendation. We encourage applicants to submit an optional statement that addresses how they may have developed or anticipate developing a welcoming and inclusive environment in their classroom and research group and describes other diversity and inclusion initiatives. For questions concerning the position, contact math-jobs@math.ncsu.
North Carolina State University  
Department of Mathematics

The Department of Mathematics at North Carolina State University invites applications for one non-tenure track position as a Teaching Assistant Professor starting August 2020. This position provides an excellent opportunity for mathematicians with a strong interest in developing a long-term career in effective teaching at a major research university. The initial appointment is for three years. Based on overall performance, the position is renewable, and promotions in rank are possible. Primary responsibilities are to teach up to three courses (undergraduate and/or graduate level) per semester and to carry out creative and innovative service and scholarly activity related to teaching. The teaching load could be reduced in a given semester, depending upon service and scholarly activity related to teaching. The position offers the opportunity for continuing participation in the candidate's choice of education projects, such as the creation of on-line courses, curriculum development, course coordination, distance education program, student mentoring etc. Salary for this position will be at the level (beginning) per semester and to carry out creative and innovative teaching.

Candidates must have a PhD in the mathematical sciences; experience in, and a continued commitment to, effective teaching at the undergraduate and/or graduate levels; and demonstrated potential for effective communication and collaboration. Inclusiveness and diversity are critical to the success of the Department of Mathematics, the College of Sciences and the University (https://math.sciences.ncsu.edu/about). The selected candidate will be expected to foster an environment that is supportive and welcoming of all students, faculty and staff.

Applications should be submitted electronically at http://www.mathjobs.org/jobs/ncsu and must include: Curriculum vitae; Statement of teaching philosophy describing creative and innovative plan/vision for effective teaching; At least three letters of recommendation on teaching.

We encourage applicants to submit an optional statement that addresses how they may have developed or anticipate developing a welcoming and inclusive environment in their classroom and describes other diversity and inclusion initiatives. For questions concerning the position, contact math-jobs@math.ncsu.edu. Applications received by October 15, 2019 will be given full consideration. NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran. Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call 919-515-3148.
RHODE ISLAND

Brown University
Mathematics Department

The Mathematics Department at Brown University invites applications for a position at the level of Tenure-Track Assistant Professor, to begin July 1, 2020.

Preference will be given to applicants who will interact mathematically with current members of the Department. For more information see: [https://www.brown.edu/academics/math/faculty](https://www.brown.edu/academics/math/faculty).

Qualified individuals are requested to submit a letter of application, a curriculum vitae and Five reference letters to be uploaded by referees online to: [http://www.mathjobs.org](http://www.mathjobs.org).

At least one letter should address the candidate's teaching credentials. Candidates should have an excellent track record of research and teaching, a commitment to diversity and inclusion, and show clear potential to contribute in the future as tenured faculty members.

Applications received by October 15, 2019 will receive full consideration, but the search will remain open until the position is closed or filled. For further information or inquiries, write to: sresearch@math.brown.edu.

Brown University is committed to fostering a diverse and inclusive academic global community; as an EEO/AA employer, Brown considers applicants for employment without regard to, and does not discriminate on the basis of gender, race, protected veteran status, disability, or any other legally protected status.

Applications received by October 15, 2019 will receive full consideration, but the search will remain open until the position is closed or filled. For further information or inquiries, write to: sresearch@math.brown.edu.

Brown University is committed to fostering a diverse and inclusive academic global community; as an EEO/AA employer, Brown considers applicants for employment without regard to, and does not discriminate on the basis of gender, race, protected veteran status, disability, or any other legally protected status.

UTAH

University of Utah
Department of Mathematics

The Department of Mathematics at the University of Utah invites applications for the following positions:

- Full-time tenure-track or tenured appointments at the level of Assistant Professor, Associate Professor, or Professor in all areas of mathematics.
- Full-time tenure-track or tenured appointments at the level of Assistant Professor, Associate Professor, or Professor in all areas of statistics. These positions are part of a University-wide cluster hiring effort in statistics, with particular emphasis in mathematics, computer science, and bioengineering. Successful candidates will have strong interdisciplinary interests.
- The University of Utah’s Department of Mathematics, in conjunction with the Scientific Computing and Imaging (SCI) Institute, is seeking to hire outstanding tenure-track faculty members at the Assistant Professor, Associate Professor, or Professor level in the area of computational and applied mathematics. We are particularly interested in candidates with expertise and an excellent research record in scientific computing, uncertainty quantification, and/or mathematical data science. These areas reflect our strong research reputation in scientific visualization, image analysis, and interdisciplinary scientific computing within the SCI Institute.
- Full-time career-line, non-tenure-track, appointments at the level of Assistant Professor (Lecturer), Associate Professor (Lecturer), or Professor (Lecturer).
- Three-year Burgess, Kollár, Tucker, and Wylie Assistant Professor (Lecturer) [postdoctoral] positions.
- Three-year Instructor (Lecturer) [teaching postdoctoral] positions. All applicants must have earned a PhD in Mathematics or a closely-related field. However, those interested in career-line, non-tenure-track Assistant, Associate, or Professor Lecturer...
The Center for Applied Mathematics, also known as the Tianjin Center for Applied Mathematics (TCAM), located by a lake in the central campus in a building protected as historical architecture, is jointly sponsored by the Tianjin municipal government and the university. The initiative to establish this center was taken by Professor S. S. Chern. Professor Molin Ge is the Honorary Director, Professor Zhiming Ma is the Director of the Advisory Board. Professor William Y. C. Chen serves as the Director.

TCAM plans to fill in fifty or more permanent faculty positions in the next few years. In addition, there are a number of temporary and visiting positions. We look forward to receiving your application or inquiry at any time. There are no deadlines.

Please send your resume to mathjobs@tju.edu.cn.

For more information, please visit cam.tju.edu.cn or contact Ms. Erica Liu at mathjobs@tju.edu.cn, telephone: 86-22-2740-6039.

Salt Lake City is not only home to a beautiful mountain range that provides endless adventure, but is also filled with arts, culture, shopping, professional sports, and so much more. Enjoy year-round farmers markets, live concert venues (both indoor and outdoor), amazing restaurants unique to Salt Lake City, world-class shopping, and a diverse array of community events. With one of the lowest unemployment rates and more affordable housing, living your best life will only come naturally in Salt Lake City. Please see our website at www.math.utah.edu/positions for information regarding available positions and application requirements. Applications must be completed through www.mathjobs.org/jobs/Utah. Review of complete applications for tenure-track positions will begin on October 7, 2019, and will continue until the positions are filled. Completed applications for postdoctoral positions received before January 1, 2020, will receive full consideration.

The University of Utah is an Equal Opportunity/Affirmative Action employer and educator. Minorities, women, veterans, and those with disabilities are strongly encouraged to apply. Veterans’ preference is extended to qualified veterans. Reasonable disability accommodations will be provided with adequate notice. For additional information about the University’s commitment to equal opportunity and access see http://www.utah.edu/nondiscrimination/.

Dozens of positions at all levels are available at the recently founded Center for Applied Mathematics, Tianjin University, China. We welcome applicants with backgrounds in pure mathematics, applied mathematics, statistics, computer science, bioinformatics, and other related fields. We also welcome applicants who are interested in practical projects with industries. Despite its name attached with an accent of applied mathematics, we also aim to create a strong presence of pure mathematics. Chinese citizenship is not required.

Light or no teaching load, adequate facilities, spacious office environment and strong research support. We are prepared to make quick and competitive offers to self-motivated hard workers, and to potential stars, rising stars, as well as shining stars.

The University of Utah is an Equal Opportunity/Affirmative Action employer and educator. Minorities, women, veterans, and those with disabilities are strongly encouraged to apply. Veterans’ preference is extended to qualified veterans. Reasonable disability accommodations will be provided with adequate notice. For additional information about the University’s commitment to equal opportunity and access see: http://www.utah.edu/nondiscrimination/.

CHINA

Tianjin University, China
Tenured/Tenure-Track/Postdoctoral Positions at the Center for Applied Mathematics

Dozens of positions at all levels are available at the recently founded Center for Applied Mathematics, Tianjin University, China. We welcome applicants with backgrounds in pure mathematics, applied mathematics, statistics, computer science, bioinformatics, and other related fields. We also welcome applicants who are interested in practical projects with industries. Despite its name attached with an accent of applied mathematics, we also aim to create a strong presence of pure mathematics. Chinese citizenship is not required.

Light or no teaching load, adequate facilities, spacious office environment and strong research support. We are prepared to make quick and competitive offers to self-motivated hard workers, and to potential stars, rising stars, as well as shining stars.