
Classified Advertisements

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

CALIFORNIA

UNIVERSITY OF CALIFORNIA, DAVIS Arthur J. Krener Assistant Professor Positions in Mathematics

The Department of Mathematics at the University of California, Davis, is soliciting applications for one or more Arthur J. Krener positions starting July 1, 2015.

The department seeks applicants with excellent research potential in areas of faculty interest and effective teaching skills. Applicants are required to have completed their Ph.D. by the time of their appointment, but no earlier than July 1, 2011. The annual salary is \$61,100. The teaching load is 3 to 4 quarter-long courses. Krener appointments are renewable for a total of up to three years, upon demonstration of satisfactory performance in research and teaching.

Additional information about the department may be found at <http://math.ucdavis.edu/>.

Applications will be accepted until the position is filled. To guarantee full consideration, the application should be received by November 30, 2014. To apply: submit the AMS Cover Sheet and supporting documentation electronically through <http://www.mathjobs.org/>.

The University of California, Davis, is an Affirmative Action/Equal Opportunity Employer.

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UNIVERSITY OF CALIFORNIA, DAVIS Faculty Position in Mathematics

The Department of Mathematics at the University of California, Davis, invites applications for a tenure-track faculty position starting July 1, 2015.

Outstanding candidates in all areas of mathematics may be considered. Minimum qualifications for the position include a Ph.D. degree or its equivalent in the Mathematical Sciences and excellent potential for performance in teaching and research. Duties include mathematical research, undergraduate and graduate teaching, and departmental, university and professional service.

Additional information about the department may be found at <http://math.ucdavis.edu/>.

Applications will be accepted until the position is filled. For full consideration, completed applications should be received by November 30, 2014. To apply: submit the AMS Cover Sheet and supporting documentation electronically through <http://www.mathjobs.org/>.

The University of California, Davis, is an Affirmative Action/Equal Opportunity Employer.

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UNIVERSITY OF CALIFORNIA, DAVIS Departments of Mathematics and Physics

Four Faculty Positions in Theoretical Physics and Mathematics

The Departments of Mathematics and Physics at the University of California, Davis, invite applications for four full-time

faculty positions to launch a new research initiative: The Physics and Mathematics of the Universe. Applications will be considered for appointment at the level of Assistant Professor, Associate Professor, or Professor; appointments will be made either in the Mathematics or Physics Department, or jointly between the two departments, to be determined on a case-by-case basis.

This is an opportunity to build an extraordinary program, and we will exercise flexibility regarding the exact specialties of the faculty we recruit in order to achieve an exciting outcome. We encourage applications from candidates with expertise in areas of theoretical physics and mathematics that aim to increase our understanding of the fundamental physical laws and their underlying mathematical structure.

This program will benefit from synergies with our strong research programs in high energy physics, gravity, cosmology, geometry, topology, and mathematical physics.

Applicants must have a Ph.D. in physics or mathematics and the ability to teach effectively at both undergraduate and graduate levels. Demonstrated success in an active research program in physics or mathematics is essential.

Due to the large number of positions to be filled, applications will be evaluated starting October 10, 2014. To ensure full consideration, applications should be received by this date. The positions will remain open and applications will be accepted until the search is complete. Applications should be submitted online via the job listing PMUFAC2014 on <http://www.mathjobs.org>, and should include a

Suggested uses for classified advertising are positions available, books or lecture notes for sale, books being sought, exchange or rental of houses, and typing services.

The 2014 rate is \$3.50 per word with a minimum two-line headline. No discounts for multiple ads or the same ad in consecutive issues. For an additional \$10 charge, announcements can be placed anonymously. Correspondence will be forwarded.

Advertisements in the "Positions Available" classified section will be set with a minimum one-line headline, consisting of the institution name above body copy, unless additional headline copy is specified by the advertiser. Headlines will be centered in boldface at no extra charge. Ads will appear in the language in which they are submitted.

There are no member discounts for classified ads. Dictation over the telephone will not be accepted for classified ads.

Upcoming deadlines for classified advertising are as follows: November 2014 issue–September 4, 2014; December 2014 issue–September 30, 2014; January

2015 issue–October 29, 2014; February 2015 issue–December 8, 2014; March 2015 issue–January 2, 2015; April 2015 issue–January 29, 2015.

U.S. laws prohibit discrimination in employment on the basis of color, age, sex, race, religion, or national origin. "Positions Available" advertisements from institutions outside the U.S. cannot be published unless they are accompanied by a statement that the institution does not discriminate on these grounds whether or not it is subject to U.S. laws. Details and specific wording may be found on page 1373 (vol. 44).

Situations wanted advertisements from involuntarily unemployed mathematicians are accepted under certain conditions for free publication. Call toll-free 800-321-4AMS (321-4267) in the U.S. and Canada or 401-455-4084 worldwide for further information.

Submission: Promotions Department, AMS, P.O. Box 6248, Providence, Rhode Island 02940; or via fax: 401-331-3842; or send email to classifieds@ams.org. AMS location for express delivery packages is 201 Charles Street, Providence, Rhode Island 02904. Advertisers will be billed upon publication.

cover letter, CV, publication list, research and teaching statements, and letters of recommendation from at least four references.

Inquiries may be addressed to PMU Search Committee Chair, Department of Physics, University of California, One Shields Ave., Davis, CA 95616, or by e-mail to pmusearch@ucdavis.edu. Further information about the departments may be found on our websites at <http://www.physics.ucdavis.edu> and <https://www.math.ucdavis.edu>.

UC Davis is an Affirmative Action/Equal Employment Opportunity Employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, individuals with disabilities, and veterans.

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UNIVERSITY OF CALIFORNIA, IRVINE
Department of Mathematics
Lecturer with Potential Security of
Employment Position in Mathematics
Job #02483

Applications are invited for a Lecturer with Potential Security of Employment position (LPSOE). The appointment will be effective July 1, 2015, or later. An excellent record of teaching and outreach activities and the Ph.D. degree are required. The LPSOE is a full-time faculty position designed for individuals who wish to focus their careers on teaching, professional and educational activities, and university and public service. These individuals are not evaluated on their research. LPSOEs are members of the University of California Academic Senate and have all the usual benefits of Senate membership, such as eligibility for UCI's attractive faculty housing programs, medical and retirement benefits. Within eight years (or less), LPSOEs are evaluated for promotion to Lecturer with Security of Employment (LSOE), which has the permanence of a tenured position. Specific duties include the development and implementation of new courses and curricula at the undergraduate level and leadership roles in undergraduate activities and advising, in community outreach activities and in improving instructional resources. It is expected that the Lecturer PSOE will be involved in the submission of grants, attend relevant professional meetings, review programs, submit journal articles, and serve as chair in symposia at professional meetings. Completed applications must be submitted electronically through MathJobs (<http://www.mathjobs.org>, Position ID: LPSOE. Position Title: UCI - UCI - Lecturer PSOE.) and must contain: (1) AMS cover sheet (2) Curriculum vita (3) Cover letter (4) Teaching Statement (5) Selected reprints and/or preprints (6) Teaching evaluations (7) Three reference letters. Instructions for the electronic

application process can be found at <http://www.mathjobs.org>. Applications are welcome at any time. The review process starts November 1, 2014, and will continue until the positions are filled. The University of California, Irvine is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, age, protected veteran status, or other protected categories covered by the UC nondiscrimination policy.

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UNIVERSITY OF CALIFORNIA
SANTA BARBARA
Department of Mathematics
Tenure-Track Position

The Department of Mathematics invites applications for a Tenure-Track Assistant Professor position in Analysis with an emphasis in Partial Differential Equations. UC Santa Barbara offers a unique environment where innovative, interdisciplinary, and foundational research is conducted in a collegial atmosphere. We are looking for candidates who have demonstrated exceptional promise through novel research with strong potential to interact with colleagues in applied analysis, the natural sciences, or engineering. Demonstrated research excellence and potential to become an effective teacher are required. Candidates must possess a Ph.D. by September 2015. Appointments begin July 1, 2015. To apply for this position(s), applicants must submit a curriculum vita, statement of research, statement of teaching philosophy, and the American Mathematical Society cover sheet (available online at <http://www.ams.org>), and arrange for four letters of reference to be sent (at least one of which is directed towards teaching). Materials should be submitted electronically via <http://www.mathjobs.org>. Applications received on or before October 15, 2014, will be given full consideration. Questions can be emailed to recruitment@math.ucsb.edu. The department is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching, and service. The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or any other characteristic protected by law including protected veterans and individuals with disabilities.

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ILLINOIS

UNIVERSITY OF CHICAGO
Department of Mathematics

The University of Chicago Department of Mathematics invites applications for the following positions: 1. L. E. Dickson Instructor: This is open to mathematicians who have recently completed or will soon complete a doctorate in mathematics or a closely related field, and whose work shows remarkable promise in mathematical research. The appointment typically is for two years, with the possibility of renewal for a third year. The teaching obligation is up to four one-quarter courses per year. 2. Assistant Professor: This is open to mathematicians who are further along in their careers, typically two or three years past the doctorate. These positions are intended for mathematicians whose work has been of outstandingly high caliber. Appointees are expected to have the potential to become leading figures in their fields. The appointment is generally for three years, with a teaching obligation of up to three one-quarter courses per year. Applicants will be considered for any of the positions above which seem appropriate. Complete applications consist of (a) a cover letter, (b) a curriculum vitae, (c) three or more letters of reference, at least one of which addresses teaching ability, and (d) a description of previous research and plans for future mathematical research. Applicants are strongly encouraged to include information related to their teaching experience, such as a teaching statement or evaluations from courses previously taught, as well as an AMS cover sheet. If you have applied for an NSF Mathematical Sciences Postdoctoral Fellowship, please include that information in your application, and let us know how you plan to use it if awarded. Applications must be submitted online through <http://www.mathjobs.org>. Questions may be directed to apptsec@math.uchicago.edu. We will begin screening applications on November 1, 2014. Screening will continue until all available positions are filled. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, age, protected veteran status, or status as an individual with disability. The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer.

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UNIVERSITY OF CHICAGO
Department of Mathematics

The University of Chicago Department of Mathematics invites applicants for the position of Senior Lecturer, which also carries the departmental title of Co-Director of Undergraduate Studies.

Mathematics is a very popular undergraduate major at Chicago with a large

and growing undergraduate program. It is led by a small team consisting of the Director of Undergraduate Studies and the Co-Directors, who are responsible for classroom teaching and leading academic initiatives of the program.

In addition to teaching a talented pool of undergraduates at all levels, Co-Directors advise undergraduates on their coursework and career paths. In collaboration with faculty, they update, revise, and develop curriculum. They hire and train course assistants. In addition, they help maintain a proud tradition at Chicago of training the next generations of mathematicians—especially with regard to their teaching—by training graduate student lecturers as well as mentoring young junior faculty mathematicians in pedagogy. The department also has a strong tradition in outreach, and a portion of the Co-Directors' responsibilities will include involvement in various outreach programming.

Qualified applicants must be mathematicians who are at least several years into their careers beyond the Ph.D. with exceptional competence in teaching, superior academic credentials, and excellent organizational and leadership skills.

The Senior Lecturer appointment would be ongoing with no set end date, but would be subject to reviews at least once every three years. The position is expected to begin July 1, 2015, or soon thereafter.

Applicants must apply through the University's Academic Jobs website (<http://tinyurl.com/qjq4kor>) and upload (a) a cover letter, (b) a curriculum vitae, including a list of publications, and (c) a description of teaching experience, and (d) a description of academic program leadership and any outreach activities or experience. A minimum of 3 reference letters are required. Reference letter submission information will be provided during the application process. Screening of applications will begin November 15, 2014, and continue until the position is filled. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, age, protected veteran status, or status as an individual with disability.

The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer.

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MARYLAND

JOHNS HOPKINS UNIVERSITY
Department of Mathematics
Tenure-Track Assistant Professor

The Department of Mathematics invites applications for a tenure-track Assistant Professor beginning July 1, 2015. A Ph.D. degree or its equivalent and demonstrated promise in research and commitment to teaching are required. The department

is seeking candidates in areas of pure mathematics that fit in with the existing areas of the department. To submit your application, go to <http://www.mathjobs.org/jobs/jhu>. Submit the AMS cover sheet, your curriculum vitae, list of publications, and research and teaching statements, and ensure that at least four letters of recommendation, one of which addresses teaching, are submitted by the reference writers. If you are unable to apply online, you may send application materials to: Appointments Committee, Department of Mathematics, Johns Hopkins University, 404 Krieger Hall, Baltimore, MD 21218. If you have questions concerning this position, please write to cpool@jhu.edu. Preference will be given to applications received by October 31, 2014. The Johns Hopkins University is an Affirmative Action/Equal Opportunity Employer. Minorities and women candidates are encouraged to apply.

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JOHNS HOPKINS UNIVERSITY
Department of Mathematics

The Department of Mathematics invites applications for tenured positions at the Associate and Full Professor levels beginning fall 2015 or later. The Department is seeking candidates in areas of pure mathematics that fit in with the existing areas of the department. Preference for the full Professor position will be given to candidates in analysis. Applications may be submitted online at <http://www.mathjobs.org/jobs/jhu> or mailed to: Appointments Committee, Department of Mathematics, Johns Hopkins University, 404 Krieger Hall, Baltimore, MD 21218. Submit a curriculum vitae, including a list of publications. The department will assume the responsibility of soliciting letters of evaluation and will provide evaluators with a summary of policies on confidentiality of letters. If you have questions concerning these positions, please write to cpool@jhu.edu. Applications received by October 15, 2014, will be given priority. The Johns Hopkins University is an Affirmative Action/Equal Opportunity Employer. Minorities and women candidates are encouraged to apply.

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MASSACHUSETTS

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Mathematics

The Mathematics Department at MIT is seeking to fill positions in Pure and Applied Mathematics, and Statistics at the level of Instructor, Assistant Professor, or higher beginning September 2015. The department also seeks candidates for the Schramm Postdoctoral Fellowship.

Appointments are based primarily on exceptional research qualifications. Appointees will be expected to fulfill teaching duties and to pursue their own research program. Ph.D. required by employment start date.

For more information and to apply, please visit <http://www.mathjobs.org>. To receive full consideration, submit applications by December 1, 2014. MIT is an Equal Opportunity, Affirmative Action Employer.

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MINNESOTA

UNIVERSITY OF MINNESOTA
School of Mathematics

The School of Mathematics of the University of Minnesota is seeking outstanding candidates for up to 3 TENURE-TRACK or TENURED faculty positions starting fall semester 2015. Candidates should have a Ph.D. or equivalent degree in mathematics or a closely related field and excellent records in both research and teaching. Applications and all supporting materials must be submitted electronically through: <http://www.mathjobs.org>. No paper submission is needed unless the candidate is unable to submit electronically, in which case letters should be sent to the following address: Peter J. Olver, Professor and Head, School of Mathematics, University of Minnesota, 127 Vincent Hall, 206 Church Street, S.E. Minneapolis, MN 55455. Applicants must include the following: Cover letter, curriculum vitae, at least 4 letters of recommendation, one of which should address teaching ability, and a research and teaching statement. Reference letter writers should be asked to submit their letters online through <http://mathjobs.org>. If they are unable to do so, they may send their letters to the above-mentioned address. In addition to their MathJobs application, the University of Minnesota requires all applicants to register at the University of Minnesota employment website <http://employment.umn.edu>. At this site you should first click on the link "Search Positions", and then enter Requisition Number 19205 for the tenure-track position or 19204 for the tenured position. The review process will start on November 15, 2014, and will continue for as long as positions are available.

Any offer of employment will be contingent on a successful criminal background check. The University of Minnesota is an Equal Opportunity Employer/Educator.

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NEW JERSEY

**INSTITUTE FOR ADVANCED STUDY
School of Mathematics
Princeton, NJ**

The School of Mathematics at the Institute for Advanced Study has a limited number of memberships with financial support for research during the 2015-16 academic year.

The school frequently sponsors special programs. However these programs comprise no more than one-third of the membership so that each year a wide range of mathematics is supported.

Candidates must give evidence of ability in research comparable at least with that expected for the Ph.D. degree, but otherwise can be at any career stage. Successful candidates will be free to devote themselves full time to research.

About half our members will be post-doctoral researchers within 5 years of their Ph.D. We expect to offer some two-year postdoctoral positions.

Up to eight von Neumann Fellowships will be available for each academic year. To be eligible for the von Neumann Fellowship, applicants should be at least five, but no more than fifteen years following the receipt of their Ph.D.

The Veblen Research Instructorship is a three-year position in partnership with the Department of Mathematics at Princeton University. Three-year instructorships will be offered each year to candidates in pure and applied mathematics who have received their Ph.D. within the last three years. Usually the first and third year of the instructorship will be spent at Princeton University and will carry regular teaching responsibilities. The second year is spent at the Institute and dedicated to independent research of the instructor's choice. Candidates interested in a Veblen Instructorship position may apply directly at the IAS website <https://applications.ias.edu> or they may apply through MathJobs. If they apply at MathJobs, they must also complete the application form at <https://applications.ias.edu> but do not need to submit a second set of reference letters. Those with questions about the application procedure can email applications@math.ias.edu.

In addition, there are also two-year postdoctoral positions in computer science and discrete mathematics offered jointly with the following institutions: The Department of Computer Science at Princeton University, <http://www.cs.princeton.edu>, DIMACS at Rutgers, The State University of New Jersey, <http://www.dimacs.rutgers.edu> or the Intractability Center, <http://intractability.princeton.edu>. Candidates must apply to both the IAS and

to the other institution indicating their interest in a joint appointment.

School term dates for 2015-16 are: term I, Monday, September 21 to Friday, December 18; term II, Monday, January 11 to Friday, April 8, 2016. Please note that the school's term II begins and ends one week later than the rest of the Institute.

During the 2015-16 academic year, the school will have a special program on Geometric Structures on 3-manifolds, and Ian Agol of the University of California, Berkeley, will be the Distinguished Visiting Professor.

Thurston proposed the classification of geometric structures on n -manifolds. While the spectacular Geometrization Theorem classified the geometric structures on 3-manifolds with compact isotropy group, i.e., locally homogeneous Riemannian metrics, there is a cornucopia of other fascinating structures such as contact structures, foliations, conformally flat metrics and locally homogeneous (pseudo-) Riemannian metrics.

The goal of this program is to investigate these other geometric structures on 3-manifolds and to discover connections between them. Additionally, it is important to forge connections between geometric structures on 3-manifolds and other geometric constructs such as gauge theory, PD (3) groups, minimal surfaces, cube complexes, geometric structures on bundles over 3-manifolds, and strengthened structures such as taut foliations, tight contact structures pA flows, convex projective structures and quasi-geodesic foliations. Many of these do not even have a conjectural classification (in terms of topological restrictions and moduli), and specific examples are still being constructed.

The Institute for Advanced Study is committed to diversity and strongly encourages applications from women and minorities.

Application deadline is December 1.

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**PRINCETON UNIVERSITY
Program in Applied and Computational
Mathematics
Postdoctoral Research Associate**

The Program in Applied and Computational Mathematics invites applications for Postdoctoral Research Associates to join in research efforts of interest to its faculty. Domains of interest include nonlinear partial differential equations, computational fluid dynamics and material science, dynamical systems, numerical analysis, stochastic problems and stochastic analysis, graph theory and applications, mathematical biology, financial mathematics and mathematical approaches to signal analysis, information theory, and structural biology and image processing. Appointments are possible for up to three years, renewable yearly,

if funding is available and performance is satisfactory. For details on specific faculty members and their research interests, please go to <http://www.pacm.princeton.edu/index.shtml>. Princeton University is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law. Applicants should submit a cover letter, CV, bibliography/publications list, statement of research, and three letters of recommendation. Applicants should have a recently-completed or soon-to-be-completed doctorate. This position is subject to the university background check policy.

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NEW YORK

**UNIVERSITY OF ROCHESTER
Department of Mathematics**

The Department of Mathematics at the University of Rochester invites applications for an opening in pure mathematics, starting on July 1, 2015, or later, at the tenure-track Assistant Professor level; more senior candidates with outstanding research achievements may also be considered. The teaching load for this position is three one-semester courses per year. Applications are encouraged in the general areas currently represented in the department's research profile: algebraic topology, algebra and number theory, analysis and PDE, differential geometry and global analysis, and probability and mathematical physics. Qualifications include a Ph.D. in mathematics, exceptional promise and/or accomplishments in research, and excellence in teaching. Application materials consist of a current C.V.; a statement of current and future research plans; a statement of teaching philosophy and experience; and at least four letters of recommendation, one of which should specifically address teaching. Applications should be submitted electronically through the website <http://www.rochester.edu/fort/mth>. The University of Rochester is a private, Tier I research institution located in western New York State. It consistently ranks among the top 30 institutions, both public and private, in federal funding for research and development. Half of all undergraduates go on to post-graduate or professional education. The university includes the Eastman School of Music, a premiere music conservatory, and the University of Rochester Medical Center, a major medical school, research center, and hospital system. The greater Rochester area is home to approximately one million people, including 80,000 students who attend its 8 colleges and universities, a rich cultural life, and affordable housing in excellent

school systems and with easy commutes to the university.

Applications received by Nov. 15, 2014, will receive full consideration, but the search will remain open until the position is closed or filled. The University of Rochester, an Equal Opportunity Employer, has a strong commitment to diversity and actively encourages applications of candidates from groups underrepresented in higher education.

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PENNSYLVANIA

PENN STATE Department of Mathematics

The Department of Mathematics is seeking new or recent Ph.D.'s with exceptional research potential and a commitment to excellence in teaching. These non-tenure-track appointments are for three years. Starting salary is \$54,500 for the nine-month academic year. The Chowla program is designed to maximize the professional development of its participants and provides a research stipend. Initial offers will be made in January 2015. Applicants must complete the Penn State application at <http://www.psu.jobs> and must submit an application through (<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. Apply at https://app2.ohr.psu.edu/Jobs/External/EVMS2_External/currentap1.cfm#52586CAMPUS.

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 <http://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 minorities, women, veterans, disabled individuals, and other protected groups.

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PENN STATE Department of Mathematics

The Department of Mathematics is seeking outstanding applicants for tenure and tenure-track faculty positions in all areas of mathematics. There may be up to three positions in the area of Probability. A Ph.D. is required. Review of applications will begin November 15, 2014, and continue until all positions are filled. Applicants

must complete the Penn State application and must submit an application through (<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. These positions are subject to funding availability. Apply at https://app2.ohr.psu.edu/Jobs/External/EVMS2_External/currentap1.cfm#52585.

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 <http://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 minorities, women, veterans, disabled individuals, and other protected groups.

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RHODE ISLAND

BROWN UNIVERSITY J. D. Tamarkin Assistant Professorships

J. D. Tamarkin Assistant Professorships: These are three-year non-tenured non-renewable appointments, beginning July 1, 2015. The teaching load is one course one semester, and two courses the other semester and consists of courses of more than routine interest. Candidates are required to have received a Ph.D. degree or equivalent by the start of their appointment, and they may have up to three years of prior academic and/or postdoctoral research experience.

Applicants should have strong research potential and a commitment to teaching. Field of research should be consonant with the current research interests of the department.

For full consideration, applicants must submit a curriculum vit, an AMS Standard Cover Sheet, and three letters of recommendation by December 1, 2014. Applicants are encouraged to identify Brown faculty with similar research interests. Please submit all application materials online at <http://www.mathjobs.org>. Email inquiries should be addressed to juniorsearch@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.

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BROWN UNIVERSITY Mathematics Department

The Mathematics Department at Brown University invites applications for one position at the level of Associate Professor with tenure to begin July 1, 2015. Exceptionally qualified senior candidates may be considered for appointment as Full Professor. Candidates should have a distinguished research record and a strong commitment to excellence in undergraduate and graduate teaching. Preference will be given to applicants with research interests consonant with those of the present members of the department. For more information see: <http://www.math.brown.edu/faculty/faculty.html>. Qualified individuals are invited to submit a letter of application and a curriculum vitae to: <http://www.mathjobs.org>. Applicants should include the names of five references that would be contacted at the appropriate time by the Search Committee. Applications received by October 15, 2014, 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.

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SOUTH CAROLINA

UNIVERSITY OF SOUTH CAROLINA Department of Mathematics Algebra Tenure-track Assistant Professor

Applications are invited for a tenure-track Assistant Professor position in the area of algebra. Areas of particular interest include algebraic geometry, commutative algebra, and representation theory.

Candidates must have a Ph.D. in mathematics, an outstanding research program, a commitment to effective teaching at the undergraduate and graduate levels, and a demonstrated potential for excellence in both research and teaching.

Applicants must apply electronically at <http://www.mathjobs.org>. A completed application should contain a cover letter, standard AMS cover sheet, curriculum vitae, description of research plans, statement of teaching philosophy, and four letters of recommendation. One of the letters should appraise the candidate's teaching ability.

The beginning date for the position will be August 16, 2015. Review of applications

will begin on December 1, 2014, and continue until the position is filled. To ensure consideration, applications should be received by January 8, 2015. Please address inquiries to vraci@math.sc.edu.

The Mathematics Department, located in the heart of the historic campus, currently has 36 tenured and tenure-track faculty, 6 instructors, 48 graduate students, over 250 majors, and 40 minors. Faculty research interests include algebra, analysis, applied and computational math, biomath, discrete math, geometry, logic, and number theory.

The University of South Carolina's main campus is located in the state capital, close to the mountains and the coast. The Carnegie Foundation for the Advancement of Teaching has designated the University of South Carolina as one of only 73 public and 35 private academic institutions with "very high research activity" and also lists USC as having strong focus on community engagement. The university has over 31,000 students on the main campus (and over 46,000 students system-wide), more than 350 degree programs, and a nationally-ranked library system that includes one of the nation's largest public film archives. Columbia, the capital of South Carolina, is the center of a greater metropolitan area which has a population over 750,000.

The University of South Carolina is an Affirmative Action, Equal Opportunity Employer. Minorities and women are encouraged to apply. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation, or veteran status.

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WISCONSIN

UNIVERSITY OF WISCONSIN-MADISON Department of Mathematics

The Department of Mathematics is accepting applications for an assistant professor (tenure-track) position beginning August 24, 2015, contingent upon budgetary approval. Applications are invited in all areas of mathematics. The minimum requirement is a Ph.D. in mathematics or related field, and faculty members are expected to contribute to the research, teaching, and service missions of the department. Candidates should exhibit evidence of outstanding research potential, normally including significant contributions beyond the doctoral dissertation. The teaching responsibility is three courses per academic year, including both undergraduate- and graduate-level courses, and a strong commitment to excellence in instruction is also expected. Additional departmental information is available at <http://www.math.wisc.edu>.

edu. An application packet should include a completed AMS Standard Cover Sheet, a curriculum vitae that includes a publication list, and brief descriptions of research and teaching. Application packets should be submitted electronically to <http://www.mathjobs.org>. Applicants should also arrange to have sent to the URL address, three to four letters of recommendation, at least one of which must discuss the applicant's teaching experiences and capabilities and potential. To ensure full consideration, application packets must be received by November 1, 2014. Applications will be accepted until the position is filled. UW-Madison is an Equal Opportunity/Affirmative Action Employer. We promote excellence through diversity and encourage all qualified individuals to apply. Unless confidentiality is requested in writing, information regarding the applicants must be released upon request. Finalists cannot be guaranteed confidentiality. A background check will be required prior to employment.

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TENNESSEE

VANDERBILT UNIVERSITY Nashville, Tennessee Non-Tenure-Track Assistant Professor Positions

We invite applications for several visiting and non-tenure-track assistant professor positions in the research areas of the Mathematics Department beginning fall 2015. These positions will have variable terms and teaching loads but most will be three-year appointments with a 2-2 teaching load. We anticipate that some of these appointments will carry a 1-1 teaching load and provide a stipend to support research.

We are looking for individuals with outstanding research potential and a strong commitment to excellence in teaching. Preference will be given to recent doctorates. Submit your application and supporting materials electronically through the AMS website [Mathjobs.org](http://www.mathjobs.org) via the link <http://www.mathjobs.org/jobs>. Alternatively, application materials may be sent to: NTT Appointments Committee, Vanderbilt University, Department of Mathematics, 1326 Stevenson Center, Nashville, TN 37240. These materials should include a letter of application, a curriculum vitae, a publication list, a research statement, a teaching statement, at least four letters of recommendation and the AMS Cover Sheet. One of the letters must discuss the applicant's teaching qualifications. Reference letter writers should be asked to submit their letters online through [Mathjobs.org](http://www.mathjobs.org). Evaluation of the applications will commence on December 1, 2014, and continue until the positions are filled. For information about the Department of Mathematics

at Vanderbilt University, please consult the Web at <http://www.vanderbilt.edu/math/>.

Vanderbilt is an Equal Employment Opportunity/Affirmative Action Employer. Women and minorities are especially invited to apply.

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AUSTRIA

IST AUSTRIA Call for Assistant Professors and Professors

IST Austria invites applications for TENURE-TRACK ASSISTANT PROFESSOR and TENURED PROFESSOR positions in all areas of MATHEMATICS.

IST Austria is a recently founded public institution dedicated to basic research and graduate education near Vienna. Currently active fields of research include biology, neuroscience, physics, mathematics, and computer science. IST Austria is committed to becoming a world-class research center with 1,000 scientists and doctoral students by 2026. The institute has an interdisciplinary campus, an international faculty and student body, as well as state-of-the-art-facilities. The working language is English.

Successful candidates will be offered highly competitive research budgets and salaries. Faculty members are expected to apply for external research funds and participate in graduate teaching. Candidates for senior positions must be internationally accomplished scientists in their respective fields.

Deadlines: Open call for Professor applications.

For full consideration, Assistant Professor applications should arrive on or before November 15, 2014.

Application material must be submitted online: <http://www.ist.ac.at/professor-applications>.

IST Austria values diversity and is committed to Equal Opportunity. Female researchers are especially encouraged to apply.

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