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# Classified Advertisements

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

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## CALIFORNIA

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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 or tenured faculty position starting July 1, 2014.

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

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, 2013. 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.

000042

### 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, 2014.

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, 2010. The annual salary is \$58,100. The teaching load is 3 to 4 quarter-long courses. Krener appointments are renewable for a total of up to three years, assuming satisfactory performance in research and teaching.

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

Our postal address is Department of Mathematics, University of California, One Shields Avenue, Davis, CA 95616-8633.

Applications will be accepted until the positions are filled. For full consideration, the application should be received by November 30, 2013. 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.

000043

### UNIVERSITY OF CALIFORNIA, LOS ANGELES Tenured/Tenure-Track positions

The Department of Mathematics invites applications for tenure-track/tenure faculty positions. Salary is commensurate with the level of experience. Job Tracking #1010-1415-05.

For fullest consideration, all application materials should be submitted on or before December 1, 2013. A Ph.D. is required for all positions.

We also plan to make temporary and visiting appointments in the categories 1-4 below. Depending on the level, candidates must give evidence of potential or demonstrated distinction in scholarship and teaching.

Temporary Positions:

(1) E.R. Hedrick Assistant Professorships. Salary is \$64,300 and appointments are for three years. The teaching load is four one-quarter courses per year. Job Tracking #1010-1415-01

(2) Computational and Applied Mathematics (CAM) Assistant Professorships. Salary is \$64,300, and appointments are for three years. The teaching load is normally reduced by research funding to two quarter courses per year. Job Tracking #1010-1415-02

(3) Program in Computing (PIC) Assistant Adjunct Professorships. Salary is \$66,800. Applicants for these positions must show very strong promise in teaching and research in an area related to computing. The teaching load is four one-quarter programming courses each year and one additional course every two years. Initial appointments are for one year and

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**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 2012 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 2013 issue–August 29, 2013; December 2013 issue–September 30, 2013; January

2014 issue–October 29, 2013; February 2014 issue–December 2, 2013; March 2014 issue–January 2, 2014; April 2014 issue–January 30, 2014.

**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](mailto:classifieds@ams.org). AMS location for express delivery packages is 201 Charles Street, Providence, Rhode Island 02904. Advertisers will be billed upon publication.

possibly longer, up to a maximum service of four years. Job Tracking #1010-1415-03

(4) Assistant Adjunct Professorships and Research Postdocs. Normally appointments are for one year, with the possibility of renewal. Strong research and teaching background required. The salary range is \$54,300-\$60,700. The teaching load for Adjuncts is six one-quarter courses per year. Job Tracking #1010-1415-04

Applications and supporting documentation must be submitted electronically via [www.mathjobs.org](http://www.mathjobs.org). All letters of evaluation are subject to UCLA campus policies on confidentiality. Refer potential reviewers to the UCLA Statement of Confidentiality at <http://www.math.ucla.edu/people/confidentiality.pdf>.

For fullest consideration, all application materials should be submitted on or before December 6, 2013. A Ph.D. is required for all positions.

The university is an Equal Opportunity/Affirmative Action Employer. UCLA and the Department of Mathematics have a strong commitment to the achievement of excellence in teaching and research and diversity among its faculty and staff. The University of California asks that applicants complete the Equal Opportunity Employer survey for Letters and Science at the following URL: <http://cis.ucla.edu/facultysurvey>. Please use Job Tracking numbers listed above.

000045

**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 2014. Appointments begin July 1, 2014. To apply for this position(s), applicants must submit a curriculum vita, statement of research, statement of teaching philosophy, & 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 November 15, 2013 will be given full consideration. Questions

can be emailed to [recruitment@math.ucsb.edu](mailto: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. UCSB is an Equal Opportunity/Affirmative Action Employer.

000048

**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 [www.mathjobs.org](http://www.mathjobs.org). Questions may be directed to [apptsec@math.uchicago.edu](mailto:apptsec@math.uchicago.edu). We will begin screening applications on November 1, 2013. Screening will continue until all available positions are filled.

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

000031

**MARYLAND**

**JOHNS HOPKINS UNIVERSITY**  
**Department of Mathematics**  
**J. J. Sylvester Assistant Professor**

The Department of Mathematics invites applications for 2-year and 3-year non-tenure-track Assistant Professor positions beginning Fall 2014. The J.J. Sylvester Assistant Professorship is offered to Ph.D. recipients who are beginning their research career and have outstanding research potential. Candidates in all areas of pure mathematics are encouraged to apply. The teaching load is three courses per academic year. To submit your application, go to <http://www.mathjobs.org/jobs/jhu>. Submit the AMS cover sheet, your curriculum vitae, 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](mailto:cpool@jhu.edu). Preference will be given to applications received by December 1, 2013. The Johns Hopkins University is an Affirmative Action/Equal Opportunity Employer. Minorities and women candidates are encouraged to apply.

000022

**JOHNS HOPKINS UNIVERSITY**  
**Department of Mathematics**  
**Tenure-Track Assistant Professor**

The Department of Mathematics invites applications for two positions at the tenure-track Assistant Professor level beginning July 1, 2014. A Ph.D. degree or its equivalent and demonstrated promise in research and commitment to teaching are required. Candidates in all areas of pure mathematics are encouraged to apply. 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](mailto:cpool@jhu.edu). Preference will be given to applications received by October 15, 2013. 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 level beginning fall 2014 or later. The department is seeking candidates in areas of pure mathematics that fit in with the existing areas of the department, with an emphasis on analysis and geometry. 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 the AMS cover sheet, a curriculum vitae, a list of publications, and the names and addresses of suggested references. The department will assume the responsibility of soliciting letters of evaluation and will provide evaluators with a summary of policies on confidentiality of letters of evaluation. If you have questions concerning this position, please write to [cpool@jhu.edu](mailto:cpool@jhu.edu). Applications received by October 15, 2013, will be given priority. The Johns Hopkins University is an Affirmative Action/Equal Opportunity Employer. Minorities and women candidates are encouraged to apply.

000024

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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 2014. 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, 2013. MIT is an Equal Opportunity, Affirmative Action Employer.

000046

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**WILLIAMS COLLEGE**  
**Department of Mathematics and Statistics**

The Williams College Department of Mathematics and Statistics invites applications for two tenure-track positions in mathematics, beginning fall 2014, at the rank of assistant professor (in an exceptional case, a more advanced appointment may be considered). We are seeking highly qualified candidates who have demonstrated excellence in teaching, who will establish an active and successful research program, and who will have a Ph.D. by the time of appointment. Williams College is a private, coeducational, residential, highly selective liberal arts college with an undergraduate enrollment of approximately 2,000 students. The teaching load is two courses per 12-week semester and a winter term course every other January. Applicants are encouraged to apply electronically at <http://mathjobs.org> or send a vita and have three letters of recommendation on teaching and research sent to Susan Loepf, Chair of the Hiring Committee, Department of Mathematics and Statistics, Williams College, 18 Hoxsey Street, Williamstown, MA 01267. Teaching and research statements are also welcome. Evaluation of applications will begin on or after November 15 and will continue until the position is filled. All offers of employment are contingent upon completion of a background check. Further information is available upon request. For more information on the Department of Mathematics and Statistics, visit <http://math.williams.edu/>. Williams College is a coeducational liberal arts institution located in the Berkshire Hills of western Massachusetts with easy access to the culturally rich cities of Albany, Boston, and New York City. The college is committed to building and supporting a diverse population of students, and to fostering an inclusive faculty, staff, and curriculum. Williams has built its reputation on outstanding teaching and scholarship and on the academic excellence of its students. Please visit the Williams College website <http://www.williams.edu/>. Beyond meeting fully its legal obligations for non-discrimination, Williams College is committed to building a diverse and inclusive community where members from all backgrounds can live, learn, and thrive.

000032

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**NEW JERSEY**

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

During the 2014-15 academic year, the School of Mathematics at the Institute for Advanced Study has a limited number of one- and two-year memberships with

financial support for research in mathematics and computer science.

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. During the 2014-15 academic year, Claire Voisin, Institut de Mathématiques de Jussieu, will be the school's Distinguished Visiting Professor. Professor Voisin will lead a special program on "The Topology of Algebraic Varieties". For more information about the special program for the year, please see the school's homepage.

Several years ago the school established the von Neumann Fellowships. Up to eight of these fellowships will be available for each academic year. To be eligible for the von Neumann Fellowships, 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 which was established in partnership with the Department of Mathematics at Princeton University in 1998. 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 is 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 must have given evidence of ability in research comparable at least with that expected for the Ph.D. degree. Application materials may be requested from Applications, School of Mathematics, Institute for Advanced Study, Einstein Drive, Princeton, NJ 08540; [applications@math.ias.edu](mailto:applications@math.ias.edu). Postdoctoral computer science and discrete mathematics applicants may be interested in applying for a joint (2-year) position with one of the following: 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>. For a joint appointment, applicants should apply to the School of Mathematics as well as to the above noting their interest in a joint appointment.

Applications may be found online at: <https://applications.ias.edu>. The deadline for all applications is December 1, 2013. The Institute for Advanced Study is committed to diversity and strongly encourages applications from women and minorities.

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**OREGON**


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**PORTLAND STATE UNIVERSITY**  
**Portland, Oregon**  
**Fariborz Maseeh Department of**  
**Mathematics and Statistics**  
**Maseeh Professorship in Mathematical**  
**Sciences**

The department invites applications for a Maseeh Professorship in Mathematical Sciences. The position begins in Fall 2014 and is part of a broader initiative to develop a world-class program in computational mathematics and statistics. The initiative is supported by a \$3.9M gift received recently from the Massiah Foundation. Exceptional candidates at all levels will be seriously considered, however, the intent is to fill this position at the Associate Professor level with tenure or tenure-track.

The successful candidate is expected to participate in the development of our strong and highly visible research and educational programs. We are looking for exceptional applicants with an outstanding record of research, external funding, and a commitment to excellence in teaching. We are interested in mathematicians and statisticians who demonstrate the willingness and ability to expand the multidisciplinary outreach of the department into the health sciences, engineering, computer science, or finance and business.

The successful candidate is expected to teach graduate and undergraduate courses, participate in supervising graduate students, as well as conduct research. In particular, the new hire is expected to contribute to our novel Mathematical Sciences Ph.D. program (<http://www.pdx.edu/math/>), to function and communicate effectively and respectfully within the context of varying beliefs, behaviors, and cultural backgrounds, to seek opportunities to gain experience and collaborations in diverse, multicultural, and inclusive settings, adhering to all of PSU's policies including the policies on Prohibited Discrimination & Harassment and the Professional Standards of Conduct.

Candidates should have a Ph.D. degree (preferably in Mathematical Sciences or Statistics) and include a current CV, a statement of interest that contains a discussion of what the candidate brings to the position, a research agenda, a description of the candidate's outreach and teaching philosophies, and at least three letters of recommendation. Please address all materials to the Maseeh Professor Search Committee and send (in PDF format) to [maseeh-search@pdx.edu](mailto:maseeh-search@pdx.edu).

Consideration of Applications will begin December 15, 2013, and will continue until the position is filled.

Portland is consistently ranked as one of the world's most livable cities, and Portland State University has established a record of excellence in research, teaching, community outreach, and sustainability.

Please see <http://www.pdx.edu> for more details.

Portland State University is an Affirmative Action, Equal Opportunity Institution, and welcomes applications from diverse candidates and candidates who support diversity.

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**PORTLAND STATE UNIVERSITY**  
**Portland, Oregon**  
**Fariborz Maseeh Department of**  
**Mathematics and Statistics**  
**Tenure-Track Position in Mathematical**  
**Sciences**

The department invites applications for a tenure-track position in Mathematical Sciences, to begin Fall 2014. The intent is to fill this faculty position at the Assistant Professor level in an area compatible with those currently represented in the department (<http://www.pdx.edu/math>). Applicants must have a Ph.D. in Mathematics Sciences, or equivalent. We are seeking applicants with the potential for conducting high quality independent research, contributing to our Ph.D. programs, and securing external funding.

The new hire is required to teach graduate and undergraduate courses, actively participate in supervising graduate students, as well as conducting research. It is expected that the new hire will contribute to our novel Mathematical Sciences Ph.D. program (<http://www.pdx.edu/math/ph-d-mathematical-sciences>) by offering new courses and attracting outstanding students.

Qualified applicants are requested to submit a current CV, a statement of research interest that details what the candidate brings to the position, a description of teaching philosophy, and at least three letters of recommendation. Please address all materials to the Mathematical Sciences Search Committee and send (in PDF format) to [mathposition@pdx.edu](mailto:mathposition@pdx.edu).

Consideration of applications will begin January 2, 2014, and will continue until the position is filled.

Portland is consistently ranked as one of the world's most livable cities, and Portland State University has an established record of excellence in research, teaching, community outreach, and sustainability. Please see <http://www.pdx.edu> for more details.

Portland State University is an Affirmative Action, Equal Opportunity Institution, and welcomes applications from diverse candidates and candidates who support diversity.

000036

**PORTLAND STATE UNIVERSITY**  
**Portland, Oregon**  
**Fariborz Maseeh Department of**  
**Mathematics and Statistics**  
**Tenure-Track Position in Mathematics**  
**Education**

The department invites applications for a tenure-line faculty position at the assistant or associate professor level in mathematics education with a starting date of September 16, 2014. Applicants must have a Ph.D. in mathematics education and a strong background in mathematics such as a master's degree in the field with an established research record in mathematics education. Applicants must also demonstrate excellence in teaching mathematics, have a record of working with mathematics education doctoral students, and provide evidence of successful funding support for their research and/or graduate students.

The new hire will be joining an active Mathematics Education group. Currently, several NSF funded projects related to undergraduate mathematics education, elementary mathematics education, statistics and computer science education, the professional development of mathematic teachers, research in the teaching and learning of advanced mathematics and teacher learning are in progress. Other collaborations are possible with mathematics educator colleagues residing in the Department of Curriculum and Instruction in the School of Education or faculty in our new STEM center.

Duties include teaching mathematics and mathematics education courses, advising students, committee assignments, and directing Mathematics Education doctoral dissertations and master's level curriculum projects. Successful hires will be expected to continue a strong research program in mathematics education that includes the procurement of external funding. The area of research interest within mathematics, statistics, or computer science education is open.

Several programs are housed in the department involving mathematics education: the Ph.D. in Mathematics Education, MST/MAT in Mathematics (licensing is through the graduate programs in the School of Education), Graduate Certificate in Mathematics for Middle School Teachers, Secondary Education Option in BS/BA Mathematics, and the Mathematics Minor for Middle School Teachers.

Qualified applicants are to submit an application including a letter of intent; a current CV; three letters of recommendation, at least one that addresses teaching; a teaching statement; and a research plan. Transcripts will be requested from finalists. Please address all materials to Mathematics Education Search Committee

and send in (PDF format) electronically to [mathed@pdx.edu](mailto:mathed@pdx.edu).

Consideration of applications begins on January 2, 2014, and will continue until the position is filled.

Portland is consistently ranked as one of the world's most livable cities, and Portland State University has an established record of excellence in research, teaching, community outreach, and sustainability. Please see <http://www.pdx.edu> for more details.

Portland State University is an Affirmative Action, Equal Opportunity Institution, and welcomes applications from diverse candidates and candidates who support diversity.

000037

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## PENNSYLVANIA

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### PENN STATE UNIVERSITY Faculty Positions, Department of Mathematics

Subject to availability of funding, the Penn State Mathematics Department will seek to fill openings for S. Chowla Research Assistant Professors and for tenure and tenure track faculty positions.

**S. Chowla Research Assistant Professor.** Successful candidates will be 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 \$53,000 for the nine month academic year. The Chowla program is designed to maximize the professional development of its participants and provides a research stipend. The department may in addition make other postdoctoral appointments. Applicants for the Chowla position will automatically be considered for these appointments also. Initial offers will be made in January 2014.

**Tenure or Tenure-Track Faculty Position.** Candidates from all areas of mathematics will be considered. There may be up to three positions in the area of Probability. A Ph.D. degree or its equivalent is required. Online application via <http://www.mathjobs.org> is strongly preferred. Review of applications will begin November 15, 2013, and will continue until positions are filled. Required application materials include:

- Online application
- At least three reference letters, one of which should address in detail the candidate's abilities as a teacher
- Curriculum Vitae
- Publication List
- Research Statement
- Teaching Statement

Persons who are unable to apply using the [mathjobs.org](http://www.mathjobs.org) website or who do not wish to do so may send application materials to:

Search Committee  
Department of Mathematics

Penn State University  
107 McAllister Building  
University Park, PA 16802

We encourage applications from individuals of diverse backgrounds. Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

000028

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## RHODE ISLAND

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### BROWN UNIVERSITY Associate Professor

The Mathematics Department at Brown University invites applications for one position at the level of Associate Professor with tenure to begin July 1, 2014 (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.math-jobs.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, 2013, will receive full consideration, but the search will remain open until the position is closed or filled. For further information or inquiries, write to [srsearch@math.brown.edu](mailto:srsearch@math.brown.edu). Brown University is an Equal Opportunity/Affirmative Action Employer and encourages applications from women and minorities.

000040

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## SOUTH CAROLINA

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### 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, 2014. Review of applications will begin on December 1, 2013, and continue until the position is filled. To ensure consideration, applications should be received by January 8, 2014. Please address inquiries to [vraciu@math.sc.edu](mailto:vraciu@math.sc.edu).

The Mathematics Department, located in the heart of the historic campus, currently has 34 tenured and tenure-track faculty, 5 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 32 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 with 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.

000034

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### UNIVERSITY OF SOUTH CAROLINA Department of Instruction & Teacher Education and Department of Mathematics Joint Appointment Assistant Professor with Expertise in Mathematics Education

The Departments of Instruction & Teacher Education and Mathematics at the University of South Carolina invite applications for a full-time tenure-track assistant professor in Mathematics Education. The position will require meeting the tenure criteria of the Department of Instruction and Teacher Education but include substantial teaching and service expectations in the Department of Mathematics.

The successful applicant is anticipated to begin work in August 2014

**Qualifications:** Applicants must have an earned or pending doctorate in mathematics, education, or a related field with evidence of significant study and expertise in mathematics education, must also have a master's degree in mathematics or its equivalent (minimum of 24 graduate credits in mathematics or statistics), a record of teaching experience relevant to mathematics education, expertise in educational technology applications, and an emerging record of scholarly work in mathematics education. Preference will be given to applicants with (1) experience working with diverse populations; (2) the potential for success in securing external funding, particularly in the areas of mathematics or education; and (3) expertise in online and distributed learning.

**Responsibilities:** The successful applicant will be expected to teach undergraduate mathematics and mathematics education courses; work to improve the undergraduate sequence of mathematics courses, assist in developing highly effective teaching assistants, collaborate with faculty in mathematics and education on using technology to advance learning, develop a strong record of research and publication in mathematics education; secure external funding for research and service projects; and provide service to the institution, schools, and profession.

**Opportunities:** The successful applicant will have opportunities to initiate and sustain school-university partnerships; to teach courses and conduct research at USC Professional Development School or partnership sites; and to teach and advise undergraduate students majoring in mathematics and in education and graduate students in the Master's of Teaching (M.T./M.A.T) initial certification program in Secondary Education, Master's in Mathematics (M.M.), and Ph.D. in Teaching and Learning programs.

Application: Applicants must apply electronically at <http://www.mathjobs.org>. A completed application must contain each of the following: (1) a letter of application, (2) standard AMS cover sheet (part of the [mathjobs.org](http://www.mathjobs.org) registration), (3) curriculum vitae, (4) sample publications, and (5) arrange for four letters of recommendation from references and official transcripts for all earned degrees.

Please address inquiries to either [ed.dickey@sc.edu](mailto:ed.dickey@sc.edu) or [mcnulty@math.sc.edu](mailto:mcnulty@math.sc.edu). Review of candidate files will begin December 1, 2013, and continue until the position is filled. 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 32 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 with 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.

000038

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## VIRGINIA

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### UNIVERSITY OF VIRGINIA Department of Mathematics Tenure-Track/Tenured Positions

The Department of Mathematics at the University of Virginia, Charlottesville, VA, invites applications for two tenure-track and one tenure-track or tenured open rank full time positions, to begin in the Fall semester of 2014. Applicants must present evidence of outstanding accomplishments and promise in both research and teaching. We seek candidates dedicated to our mission and passionate about teaching in a world class institution. In addition to developing external funding to support research endeavors, candidates will be expected to teach at the graduate and undergraduate levels and provide service to the university, department and professional organizations. Review of applications will begin November 1, 2013; however, the positions will remain open until filled. The appointment start date will begin August 25, 2014. Applicants must be on track to receive a Ph.D. in the relevant field by May 2014 and must hold a Ph.D. at the time of appointment. Priority will be given to applicants in analysis, but candidates whose research interests complement the strengths of the department's current faculty will be considered.

To apply candidates must submit a Candidate Profile through [Jobs@UVA](mailto:Jobs@UVA) (<https://jobs.virginia.edu>), search on posting number 0612599 and electronically attach the following: a cover letter of interest describing research agenda and teaching experience, a curriculum vitae, and contact information for four references.

In addition, please submit the following required documents electronically through [www.MathJobs.org](http://www.MathJobs.org): A cover letter, an AMS Standard Cover Sheet, a curriculum vitae, a publication list, a description of research, and a statement about teaching interests and experience.

The applicant must also have at least four letters of recommendation submitted, of which one must support the applicant's effectiveness as a teacher.

Questions regarding the application process in [JOBS@UVA](mailto:JOBS@UVA) should be directed to: Zvezdana Kish, [zk4g@virginia.edu](mailto:zk4g@virginia.edu), (434) 924-9437.

For additional information about the position contact: <http://mathematics-hiring@Virginia.EDU>.

The university will perform background checks on all new faculty hires prior to making a final offer of employment.

The College of A&S and the University of Virginia welcome applications from women, minorities, veterans and persons with disabilities; we seek to build a culturally diverse, intellectual environment and are committed to a policy of equal employment opportunity and to the principles of affirmative action in accordance with state and federal laws.

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## WASHINGTON

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### UNIVERSITY OF WASHINGTON Department of Mathematics

Applications are invited for a non-tenure-track Acting Assistant Professor position. The appointment is for a period of up to three years to begin in September 2014. Applicants are required to have a Ph.D. by the starting date, and to be highly qualified for undergraduate and graduate teaching and independent research.

Applications should include the American Mathematical Society's Cover Sheet for Academic Employment, a curriculum vitae, statements of research and teaching interests, and three letters of recommendation. We prefer applications and supporting materials to be submitted electronically via <http://www.mathjobs.org>. Application materials may also be mailed to: Appointments Committee Chair (AAP position), Department of Mathematics, Box 354350, University of Washington, Seattle, WA 98195-4350. Priority will be given to applicants whose complete applications, including recommendations, are received by December 15, 2013.

The University of Washington is an Affirmative Action, Equal Opportunity Employer. The university is building a culturally diverse faculty and strongly encourages applications from women, minorities, individuals with disabilities, and protected veterans.

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## WISCONSIN

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### UNIVERSITY OF WISCONSIN-MADISON Department of Mathematics

The Department of Mathematics is accepting applications for an assistant professor

(tenure-track) position beginning August 25, 2014, contingent upon budgetary approval by the College of Letters and Science. 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 3 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 on our website: <http://www.math.wisc.edu>. An application packet should include a completed AMS Standard Cover Sheet, a curriculum vitae which 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 above 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 15, 2013.

The Department of Mathematics is committed to increasing the number of women and minority faculty. The University of Wisconsin-Madison is an Affirmative Action, Equal Opportunity Employer and encourages applications from women and minorities. 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.

000039

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**KOREA**

**INSTITUTE FOR BASIC SCIENCE (IBS)  
Center for Geometry and Physics**

The IBS Center for Geometry and Physics (IBS-CGP) invites applications for several tenure-track and postdoctoral research fellowship positions. IBS-CGP is working to bring the world's leading scientists in mathematics together with young researchers to collaborate on research projects with passion and commitment. To this end, IBS recruits based on scientific excellence and creative ideas, rather than pre-determined goals or demonstrated practical outcomes. IBS provides an open and autonomous research environment. The existing members of IBS-CGP are working in symplectic geometry and topology, dynamical systems, mirror symmetry, algebraic geometry, and mathematical

aspects of quantum field and string theory.

**Postdoctoral research fellowship positions.** Successful candidates will be new or recent Ph.D.'s with outstanding research potential. These non-tenure-track appointments are for three years, and the salary range is KRW 57,000,000–66,000,000 (approximately USD 50,800–58,800).

**Tenure-track positions.** Successful candidates must have exceptional research qualifications. Starting salary with three years of experience beyond Ph.D. is KRW 92,880,000 (may vary by experience). Relocation expenses and housing allowance for up to 2 years may be provided for qualified overseas candidates.

IBS-CGP offers annual travel funds of KRW 8,000,000 for postdoctoral position and KRW 15,000,000 for tenure-track position in addition to basic research equipment and comprehensive benefits including medical and travel insurance and retirement funds.

A complete application packet should include a cover letter, a curriculum vitae which includes a publication list, a research statement, and at least three letters of recommendation for postdoctoral positions and four for tenure-track positions. For full consideration, application packets must be submitted electronically to [cgp@ibs.re.kr](mailto:cgp@ibs.re.kr) by December 15, 2013. IBS encourages applications from individuals of diverse backgrounds. IBS-CGP website: <http://cgp.ibs.re.kr>.

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**SINGAPORE**

**NATIONAL UNIVERSITY OF SINGAPORE  
(NUS)**

**Department of Mathematics**

The Department of Mathematics at the National University of Singapore (NUS) invites applications for tenured, tenure-track and visiting positions at all levels, beginning in August 2014.

NUS is a research intensive university that provides quality undergraduate and graduate education. The Department of Mathematics has about 65 faculty members and teaching staff whose expertise cover major areas of contemporary mathematical research.

We seek promising scholars and established mathematicians with outstanding track records in any field of pure and applied mathematics. The Department, housed in a newly renovated building equipped with state-of-the-art facilities, offers internationally competitive salary with start-up research grants, as well as an environment conducive to active research, with ample opportunities for career development. The teaching load for junior faculty is kept especially light.

The department is particularly interested in, but not restricted to, considering

applicants specializing in any of the following areas:

- Ergodic Theory and Dynamical Systems
- Partial Differential Equations and Applied Analysis
- Computational Science, Imaging and Data Science
- Operations Research and Financial Mathematics
- Probability and Stochastic Processes

Application materials should be sent to the Search Committee via email (as PDF files): [search@math.nus.edu.sg](mailto:search@math.nus.edu.sg).

Please include the following supporting documentation in the application:

1. An American Mathematical Society Standard Cover Sheet;
2. A detailed CV including publications list;
3. A statement (max. of 3 pages) of research accomplishments and plan.
4. A statement (max. of 2 pages) of teaching philosophy and methodology. Please attach evaluation on teaching from faculty members or students of your current institution, where applicable.
5. At least three letters of recommendation including one which indicates the candidate's effectiveness and commitment in teaching.

Please ask your referees to send their letters directly to [search@math.nus.edu.sg](mailto:search@math.nus.edu.sg).

Enquiries may also be sent to this email address. Review process will begin on 15 October, and will continue until positions are filled.

For further information about the department, please visit <http://www.math.nus.edu.sg>.

000030

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**TAIWAN**

**NATIONAL CENTRAL UNIVERSITY  
Department of Mathematics**

The Department of Mathematics invites applications for the following positions: regular positions at all levels and visiting positions (for a period of up to two years) at the level of assistant professor. All application materials should be sent to department via email (as pdf files) to: [ncu5100@ncu.edu.tw](mailto:ncu5100@ncu.edu.tw) or mail to: Chair, Department of Mathematics National Central University No. 300, Jhongda Rd., Jhongli City, Taoyuan County 32001 Taiwan (R. O. C.) Please include the following supporting documentation in the application:

1. Cover letter;
2. Curriculum Vitae;
3. Publication List;
4. Three recommendation Letters (submitted directly by writers).

In order to ensure full consideration, applications should be received by

## Classified Advertisements

December 20, 2013. For more information, visit: <http://www.math.ncu.edu.tw>.

000029

### UNITED ARAB EMIRATES

**THE PETROLEUM INSTITUTE**  
Abu Dhabi, United Arab Emirates  
Assistant/Associate Professor of  
Mathematics

Closing Date: Review of applications will start in September 2013 and continue until all positions are filled.

**Job Description:** An exciting opportunity exists for early to mid-career mathematicians to join The Petroleum Institute's Department of Mathematics. One position of Assistant/Associate Professor starting in early January 2014 and at least one position of Assistant/Associate Professor starting in August 2014 are available. The department teaches a range of undergraduate and postgraduate level mathematics courses to engineering majors and successful candidates should have the ability to teach across the full range of undergraduate mathematics courses taught by the department.

**Selection Criteria:** A Ph.D. degree in Mathematics from a recognized university is essential. A minimum of three years tertiary-level teaching experience post Ph.D. and fluency in English are required. In addition, experience in teaching three or more of the following courses: Calculus I, Calculus II, Calculus III, Differential Equations, Probability and Statistics, Linear Algebra, Numerical Methods, and Advanced Engineering Mathematics, to non-mathematics majors is required. Demonstrated commitment to the delivery of high quality teaching including the ability to develop course materials and to coordinate multiple section courses is desirable. Potential to undertake independent research in mathematics or possessing a formal teaching qualification in education would be an advantage.

**Additional Details:** Salary is competitive and commensurate with qualifications and experience, with an excellent benefits package, including housing and furniture allowance, educational allowance for dependent children, annual airfare allowance, and medical care. The United Arab Emirates levies no income taxes. All applications must include (i) a cover letter expressing interest in the position and earliest availability, (ii) a current curriculum vitae, and (iii) the names, e-mail addresses, and telephone numbers of three references which include both a current/prior employer and a teaching reference. To be considered, you need to apply online through <https://career.pi.ac.ae>. Only shortlisted candidates will be contacted.

000033

## AMERICAN MATHEMATICAL SOCIETY

### AMS Grad Student Travel Grants

Now providing support for doctoral student travel to the January Joint Mathematics Meetings or the AMS Sectional Meetings

- Listen to talks
- Meet active researchers
- Learn about professional issues and resources
- Make new professional connections
- Reconnect with colleagues



Check program announcements, eligibility requirements, and learn more at:  
[www.ams.org/student-travel](http://www.ams.org/student-travel)

