
Classified Advertisements

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

CALIFORNIA

CALIFORNIA INSTITUTE OF TECHNOLOGY

Harry Bateman Research Instructorships in Mathematics

Description: Appointments are for two years. The academic year runs from approximately October 1 to June 1. Instructors are expected to teach one course per term for the full academic year and to devote the rest of their time to research. During the summer months there are no duties except research.

Eligibility: Open to persons who have recently received their doctorates in mathematics.

Deadline: January 1, 2013.

Application information: Please apply online at mathjobs.org. To avoid duplication of paperwork, your application may also be considered for an Olga Taussky and John Todd Instructorship.

Caltech is an Affirmative Action/Equal Opportunity Employer. Women, Minorities, Veterans, and Disabled Persons are encouraged to apply.

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CALIFORNIA INSTITUTE OF TECHNOLOGY

Scott Russell Johnson Senior Postdoctoral Scholar in Mathematics

Description: There are three terms in the Caltech academic year. The fellow is expected to teach one course in two terms each year, and is expected to be in residence even during terms when not

teaching. The initial appointment is for three years with an additional three-year terminal extension expected.

Eligibility: Offered to a candidate within six years of having received the Ph.D. who shows strong research promise in one of the areas in which Caltech's mathematics faculty is currently active

Deadline: January 1, 2013.

Application information: Please apply online at mathjobs.org. To avoid duplication of paperwork, your application will also be considered for an Olga Taussky and John Todd Instructorship and a Harry Bateman Research Instructorship.

Caltech is an Affirmative Action/Equal Opportunity Employer. Women, Minorities, Veterans, and Disabled Persons are encouraged to apply.

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CALIFORNIA INSTITUTE OF TECHNOLOGY

Olga Taussky and John Todd Instructorships in Mathematics

Description: Appointments are for three years. There are three terms in the Caltech academic year, and instructors are expected to teach one course in all but two terms of the total appointment. These two terms will be devoted to research. During the summer months there are no duties except research.

Eligibility: Offered to persons within three years of having received the Ph.D. who show strong research promise in one

of the areas in which Caltech's mathematics faculty is currently active.

Deadline: January 1, 2013.

Application information: Please apply online at mathjobs.org. To avoid duplication of paperwork, your application will also be considered for a Harry Bateman Research Instructorship.

Caltech is an Affirmative Action/Equal Opportunity Employer. Women, Minorities, Veterans, and Disabled Persons are encouraged to apply.

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CALIFORNIA INSTITUTE OF TECHNOLOGY

The Division of Physics, Mathematics, and Astronomy

The Division of Physics, Mathematics, and Astronomy at the California Institute of Technology invites applications for a possible tenure-track position in mathematics at the assistant professor level. We are particularly interested in the following research areas: Algebraic Geometry/Number Theory, Analysis/Dynamics, Combinatorics, Finite and Algebraic Groups, Geometry/Topology, Logic/Set Theory, and Mathematical Physics, but other fields may be considered. The term of the initial appointment is normally four years for a tenure-track assistant professor (with a possible extension to as much as seven years). Appointment is contingent upon completion of the Ph.D. Exceptional candidates may also be considered at the associate or full professor level. We are seeking highly qualified applicants who are committed to a career in research and

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: December 2012 issue–October 1, 2012; January 2013 issue–October 29, 2012; February 2013

issue–November 28, 2012; March 2013 issue–January 2, 2013; April 2013 issue–January 30, 2013; May 2013–February 28, 2013.

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 classads@ams.org. AMS location for express delivery packages is 201 Charles Street, Providence, Rhode Island 02904. Advertisers will be billed upon publication.

teaching. Applicants should apply online at mathjobs.org.

Caltech is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

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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, 2013. 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 great promise in research and teaching. 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, 2012. To apply: submit the AMS Cover Sheet and supporting documentation electronically through <http://www.mathjobs.org/>. The University of California is an Affirmative Action/Equal Opportunity Employer.

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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, 2013. 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, 2009. 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, 2012. To apply: submit the AMS Cover Sheet and supporting documentation electronically through <http://www.mathjobs.org/>. The University of California is an Affirmative Action/Equal Opportunity Employer.

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UNIVERSITY OF CALIFORNIA, SAN DIEGO

Stefan E. Warschawski Assistant Professorship

The Department of Mathematics at the University of California, San Diego, is committed to academic excellence and diversity within the faculty, staff, and student body. We are seeking an outstanding candidate for a special three-year assistant professorship, the S. E. Warschawski Assistant Professorship, pending funding approval. We encourage applications in any area of pure mathematics, applied mathematics, or statistics. The nine-month salary is \$58,100. This is a three-year nonrenewable appointment.

Applicants should possess a recent Ph.D. degree (received no earlier than 2009) in Mathematics. Candidates should have excellent teaching skills and excellent research potential. Candidates with teaching and research interests compatible with current faculty are sought. The successful candidate will have demonstrated a commitment to excellence through leadership in teaching, research, or service towards building an equitable and diverse scholarly environment.

For full consideration, applications should be submitted by December 1, 2012 to: <http://www.mathjobs.org>. For instructions on the application procedure, see <http://www.math.ucsd.edu/about/employment/faculty>.

UCSD is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to the achievement of diversity among its faculty and staff.

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UCLA Department of Mathematics

The Department of Mathematics invites applications for 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 \$63,000 and appointments are for three years. The teaching load is four one-quarter courses per year.

(2) Computational and Applied Mathematics (CAM) Assistant Professorships. Salary is \$63,000, and appointments are for three years. The teaching load is normally reduced by research funding to two quarter courses per year.

(3) Program in Computing (PIC) Assistant Adjunct Professorships. Salary is \$67,500. 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

possibly longer, up to a maximum service of four years.

(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 \$54,800-\$61,300. The teaching load for Adjuncts is six one-quarter courses per year.

Applications and supporting documentation must be submitted electronically via 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 7, 2012. 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>. Under Federal law, the University of California may employ only individuals who are legally authorized to work in the United States as established by providing documents specified in the Immigration Reform and Control Act of 1986.

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COLORADO

UNIVERSITY OF DENVER Department of Mathematics Assistant Professor

We invite applications for three tenure-track faculty positions in mathematics at the Assistant Professor level to begin September 2013. Candidates must have a Ph.D. in mathematics by September 2013 and show a commitment to excellence in both research and teaching. The University of Denver offers bachelor's, master's and Ph.D. degrees in mathematics. Active areas of research in the department include combinatorics, functional analysis, logic, non-associative algebra, operator theory, ordered algebra, set theory, topological dynamics and ergodic theory. Applications received by December 1, 2012, will be given full consideration. The search will continue until the position is filled. Applications should apply electronically at <http://www.mathjobs.org>. The University of Denver is committed to enhancing the diversity of its faculty and staff and encourages applications from women,

minorities, people with disabilities, and veterans. DU is an EEO/AA Employer.

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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 and teaching. 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. Questions may be directed to: apptsec@math.uchicago.edu. We will begin screening applications on November 1, 2012. Screening will continue until all available positions are filled. The University of Chicago is an Affirmative Action/Equal Opportunity Employer.

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INDIANA

**INDIANA UNIVERSITY BLOOMINGTON
Department of Mathematics
Zorn Research Postdoctoral
Fellowships**

The Department of Mathematics seeks applications for two Zorn Research

Postdoctoral Fellowships beginning in the fall of 2013. These are three-year, non-tenure-track positions with reduced teaching loads. Outstanding candidates with a recent Ph.D. in any area of pure or applied mathematics are encouraged to apply; a minimum requirement is a Ph.D. in Mathematics. Zorn fellows are paired with mentors with whom they have compatible research interests. The department maintains strong research groups in all of the principal fields of mathematics. Bloomington is located in the forested hills of southern Indiana and offers a rich variety of musical and cultural attractions.

Applicants should submit an AMS cover sheet, a curriculum vitae, a research statement, and a teaching statement using the online service provided by the AMS at: <http://www.mathjobs.org>. If unable to do so, you may send application materials to the address below. Applicants should arrange for four letters of recommendation, including one evaluating teaching experience. Please ask reference writers to submit their letters electronically through <http://www.mathjobs.org>. If they are unable to do so, they may also send their letters to the following address: Zorn Postdoctoral Fellowships Search Committee, Department of Mathematics, Indiana University, 831 East 3rd Street, Rawles Hall, Bloomington, IN 47405-7106. Applications should be received by December 15, 2012. Indiana University is an Equal Opportunity/Affirmative Action Employer.

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**INDIANA UNIVERSITY BLOOMINGTON
Department of Mathematics
Assistant Professor**

The Department of Mathematics seeks applications for a tenure-track position, with appointment beginning in the fall of 2013. Exceptionally well qualified applicants may be considered also at the tenured level. Outstanding candidates with a Ph.D. in any area of pure or applied mathematics and with postdoctoral or faculty-level experience are encouraged to apply, with particular emphasis in the areas of Algebra and Pure and Applied Analysis. A minimum requirement is a Ph.D. in Mathematics. Salary will be commensurate with qualifications and the level at which the position is filled. The base teaching load for research-active faculty is three courses per year. The department maintains strong research groups in all of the principal fields of mathematics. Bloomington is located in the forested hills of southern Indiana and offers a rich variety of musical and cultural attractions.

Applicants should submit an AMS cover sheet, curriculum vitae, a research statement, and a teaching statement using the online service provided by the AMS at: <http://www.mathjobs.org>. Applicants should arrange for four letters of recommendation, including one evaluating

teaching experience. Where applicable, please ask reference writers to submit their letters electronically through <http://www.mathjobs.org>. If applicants or letter writers are unable to submit materials online, they may submit them alternatively to the following address: Search Committee, Department of Mathematics, Indiana University, 831 East 3rd Street, Rawles Hall, Bloomington, IN 47405-7106. Applications should be received by November 1, 2012, but will continue to be accepted until the search is filled.

Indiana University is supportive of the needs of dual career couples and is an Equal Opportunity/Affirmative Action Employer.

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MARYLAND

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

Subject to availability of resources and administrative approval, the Department of Mathematics invites applications for non-tenure-track two-year Assistant Professor positions beginning July 1, 2013. The J.J. Sylvester Assistant Professorship is a position offered to recent Ph.D.'s with 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. Preference will be given to applications received by December 1, 2012. 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
Tenure-Track Assistant Professor**

The Department of Mathematics invites applications for two positions at the tenure-track Assistant Professor level beginning July 1, 2013. 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: 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 or do not wish to do so, 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 15, 2012. 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 2013. 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 www.mathjobs.org. To receive full consideration, submit applications by December 1, 2012. MIT is an Equal Opportunity, Affirmative Action Employer.

000060

WILLIAMS COLLEGE Department of Mathematics and Statistics

Williams College invites applications for one tenure-track position in mathematics, beginning fall 2013, at the rank of assistant professor (in an exceptional case, a more advanced appointment may be considered). We are seeking a highly qualified candidate who has 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 Satyan Devadoss, 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. Evaluations 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.

000041

WILLIAMS COLLEGE Department of Mathematics and Statistics

The Williams College Department of Mathematics and Statistics invites applications for a visiting position in mathematics for the 2013-2014 year, at the rank of assistant professor. Preference will be given to candidates who will have a Ph.D. in mathematics by September 2013. Applicants are encouraged to apply electronically at <http://mathjobs.org> or please send a vita and have three letters of recommendation on teaching and research sent to the Visitor Hiring Committee, Department of Mathematics and Statistics, Williams College, 18 Hoxsey Street, Williamstown, MA 01267. Teaching and research statements are also welcome. Evaluations of applications will begin on or after November 15, 2012, 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.

000079

MONTANA

MONTANA STATE UNIVERSITY Department of Mathematical Sciences

The Department of Mathematical Sciences at Montana State University invites applications for a tenure-track position in Mathematics at the Assistant Professor level to begin in August 2013. For more information visit: <http://www.montana.edu/jobs/faculty/12221-2>. Submit applications at www.mathjobs.org. Screening begins 01/02/2013. Montana State University is ADA/AA/EO/Veteran Preference Employer.

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NEBRASKA

UNIVERSITY OF NEBRASKA-LINCOLN Department of Mathematics

The UNL Department of Mathematics invites applications for the following positions: 1) One open rank (Assistant, Associate, or Full Professor) tenure-track position with emphasis in Mathematics Education. 2) One tenure-track Assistant Professor position in Scientific Computing/Computational Mathematics. Both positions begin August 2013. Review of applications will begin November 30, 2012, and continue until a suitable candidate is found. For more information about these positions and information on how to apply for them please go to: <http://www.math.unl.edu/department/jobs/>. The University of Nebraska has an active National Science Foundation ADVANCE gender equity program, and is committed to a pluralistic campus community through affirmative action, equal opportunity, work-life balance, and dual careers.

000081

NEW HAMPSHIRE

DARTMOUTH COLLEGE
Department of Mathematics

The Department of Mathematics anticipates a tenure-track opening with initial appointment as an Assistant Professor in the 2013-2014 academic year. The successful applicant will have a research profile with a concentration in computational or applied mathematics. Applicants should apply online at www.mathjobs.org. Position ID: APACM #3874. Applications received by December 15, 2012, will receive first consideration. For more information about this position, please visit our website: <http://www.math.dartmouth.edu/activities/recruiting/>. Dartmouth is committed to diversity and encourages applications from women and minorities.

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DARTMOUTH COLLEGE
Department of Mathematics

The Department of Mathematics anticipates a senior opening with initial appointment in the 2013-2014 academic year. The successful applicant will have a research profile with a concentration in computational or applied mathematics, will be appointed at the level of Full Professor and is expected to have an overall record of achievement and leadership consonant with such an appointment. Applicants should apply online at www.mathjobs.org. Position ID: PACM #3873. Applications received by December 15, 2012, will receive first consideration. For more information about this position, please visit our website: <http://www.math.dartmouth.edu/activities/recruiting/>. Dartmouth is committed to diversity and encourages applications from women and minorities.

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DARTMOUTH COLLEGE
Department of Mathematics

The Department of Mathematics anticipates a tenure-track opening with initial appointment in the 2013-2014 academic year, for a mathematician working in either topology or number theory. The appointment is for candidates at any rank. Applicants should apply online at www.mathjobs.org. Position ID: TTPTNT #3875. Applications received by December 15, 2012, will receive first consideration. For more information about this position, please visit our website: <http://www.math.dartmouth.edu/activities/recruiting/>. Dartmouth is committed to diversity and encourages applications from women and minorities.

000078

NEW JERSEY

INSTITUTE FOR ADVANCED STUDY
School of Mathematics

The School of Mathematics has a limited number of memberships with financial support for research in mathematics and computer science at the Institute during the 2013-14 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.

"Non-equilibrium Dynamics and Random Matrices" will be the topic of the special program during 2013-14. Horng-Tzer Yau of Harvard and Thomas Spencer of the Institute will lead the program. Juerg Froehlich of ETH and Herbert Spohn of Zentrum Mathematik will be among the senior participants attending.

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 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 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; email: 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>; <http://intractability.princeton.edu>; or the Intractability Center. 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.

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

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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 graphics, and structural biology and image processing. Applicants should have a recently-completed or soon-to-be completed doctorate. Appointments are for one year and may be renewed 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>. Applicants should apply online at <https://jobs.princeton.edu> and submit a cover letter, CV, bibliography/publications list, statement of research and contact information for three references. Princeton University is an Equal Opportunity Employer and complies with applicable EEO and Affirmative Action Regulations.

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RUTGERS UNIVERSITY-NEW BRUNSWICK
Mathematics Department

The Mathematics Department of Rutgers University-New Brunswick invites applications for the following positions which may be available September 2013.

TENURE-TRACK ASSISTANT PROFESSORSHIPS: Subject to availability of funding, the department expects two or more openings at the level of Tenure-Track Assistant Professor. In exceptional cases there may be the possibility of appointment at a higher level. Candidates must have the Ph.D. and show a strong record of research accomplishments in pure or applied mathematics, and concern for teaching. The department has hiring priorities in Algebra (including Algebraic Geometry/Algebraic Topology),

Probability/Stochastic Analysis and Numerical Analysis/Scientific Computation, but outstanding candidates in any field of pure or applied mathematics will be considered. The normal annual teaching load for research-active faculty is 2-1, that is, two courses for one semester, plus one course for the other semester. Review of applications begins immediately.

HILL ASSISTANT PROFESSORSHIPS and NON-TENURE-TRACK ASSISTANT PROFESSORSHIPS: These are both three-year nonrenewable positions. Subject to availability of funding, the department expects several open positions of these types. The Hill Assistant Professorship carries a reduced teaching load of 2-1 for research; candidates for it should have received the Ph.D., show outstanding promise of research ability in pure or applied mathematics, and have concern for teaching. The Non-Tenure-Track Assistant Professorship carries a teaching load of 2-2; candidates for it should have received the Ph.D., show evidence of superior teaching accomplishments, and promise of research ability. Review of applications begins January 1, 2013.

Applicants for the above position(s) should submit a curriculum vitae (including a publication list) and arrange for four letters of reference to be submitted, one of which evaluates teaching. Applicants should first go to the website <https://www.mathjobs.org/jobs> and fill out the AMS Cover Sheet electronically. It is essential to fill out the cover sheet completely, including naming the positions being applied for (TTAP, HILL, NTTAP, respectively) giving the AMS Subject Classification number(s) of area(s) of specialization, and answering the question about how materials are being submitted. The strongly preferred way to submit the CV, references, and any other application materials is online at: <https://www.mathjobs.org/jobs>. If necessary, however, application materials may instead be mailed to: Search Committee, Dept. of Math., Hill Center, Rutgers University, 110 Frelinghuysen Road, Piscataway, NJ 08854-8019. Review of applications will begin on the dates indicated above, and will continue until openings are filled. Updates on these positions will appear on the Rutgers Mathematics Department webpage at: <http://www.math.rutgers.edu>.

Rutgers is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minority-group members.

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NEW YORK

CLARKSON UNIVERSITY Department of Mathematics

Clarkson University Department of Mathematics (<http://www.clarkson.edu/>)

math) invites applications for a tenure-track Assistant Professor position in applied mathematics starting in August 2013.

We are especially interested in candidates with expertise in computational areas of applied mathematics, including statistics or dynamical systems, but all areas of applied mathematics will be considered. Responsibilities will include teaching undergraduate and graduate level mathematics courses, and directing graduate students. Minimum requirements are a Ph.D. in mathematics by the date of appointment, demonstrated excellence in both research potential and teaching ability, and fluency in English. In addition, the candidate should be able to interact with other faculty in the department and the university.

Applications including vita and three reference letters should be submitted to <https://clarkson.peopleadmin.com/>. Completed applications will be reviewed starting immediately. Women and minorities are urged to apply. Clarkson University is an AA/EOE Employer.

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CORNELL UNIVERSITY Tenure or Tenure-Track Positions

The Department of Mathematics at Cornell University invites applications for three tenure-track Assistant Professor positions, or higher rank, pending administrative approval, starting July 1, 2013. The searches are open to all areas of mathematics with an emphasis on the areas of probability; algebra, in particular, number theory; analysis, in particular, PDE; and topology. The department actively encourages applications from women and minority candidates.

Applicants must apply electronically at: <http://www.mathjobs.org>.

For information about our positions and application instructions, see: <http://www.math.cornell.edu/Positions/positions.html>. Applicants will be automatically considered for all eligible positions. Deadline November 1, 2012. Early applications will be regarded favorably. Cornell University is an Affirmative Action/Equal Opportunity Employer and Educator.

000054

CORNELL UNIVERSITY Department of Mathematics H.C. Wang Assistant Professor

The Department of Mathematics at Cornell University invites applications for one H.C. Wang Assistant Professor, non-renewable, 3-year position beginning July 1, 2013. Successful candidates are expected to pursue independent research at Cornell and teach three courses per year. A Ph.D. in mathematics is required. The department

actively encourages applications from women and minority candidates.

Applicants must apply electronically at: <http://www.mathjobs.org>.

For information about our positions and application instructions, see: <http://www.math.cornell.edu/Positions/positions.html>.

Applicants will be automatically considered for all eligible positions. Deadline December 1, 2012. Early applications will be regarded favorably. Cornell University is an Affirmative Action/Equal Opportunity Employer and Educator.

000055

NORTH CAROLINA

NORTH CAROLINA STATE UNIVERSITY Chancellor's Faculty Excellence Program

As one of the leading land-grant institutions in the nation, North Carolina State University is proud to announce its Chancellor's Faculty Excellence Program; a cluster hire program that marks the first major initiative of the university's 2011-2020 strategic plan "The Pathway to the Future". Starting in 2012, NC State will hire thirty-eight faculty in twelve research areas or "clusters" to promote interdisciplinary scholarship and the development of innovative curricula in emerging areas of strategic strength; see <http://www.ncsu.edu/workthatmatters>. The research cluster in Personalized Medicine (<http://www.ncsu.edu/projects/personamed>) invites applications for a position in the Mathematics Department. The Personalized Medicine Cluster is a collaboration of the Department of Mathematics with the Edward P. Fitts Department of Industrial and Systems Engineering (ISE) and the Department of Statistics in which each department will recruit relevant faculty. The North Carolina Research Triangle, home of NC State, has a vast health and medical care environment. The Department of Mathematics has cutting edge research programs in both pure and applied mathematics. Many members of the Department participate in interdisciplinary programs and research groups on campus and in the broader scientific community. More than 10 faculty members have been elected as Fellows of Professional Societies (AAAS, IoP, ACM, ASA, IEEE and SIAM) in recent years, and for the last 10 years the department has ranked in the top five nationally for federally financed R&D expenditures in the mathematical sciences. The department has been recognized nationally for its excellence in graduate and undergraduate education with two successive awards: the 2010 American Mathematical Society Award for an Exemplary Program or Achievement in a Mathematics Department and the 2011 American Mathematical Society Award for Mathematics

Programs that Make a Difference. The latter award cited the department for distinction in its extraordinary record in serving students who have traditionally been underrepresented in mathematics, especially African-Americans. The department is housed in the new state-of-the-art SAS Hall, and it is one of the few mathematics departments in the world with a physical/biological laboratory where students can conduct laboratory experiments for data collection and analysis. To fill its commitment to the Personalized Medicine Cluster, the department is seeking qualified applicants for a full-time faculty position, starting as early as August 2013. Strong preference will be given to candidates with a proven record of research achievements and a record of research support in related areas of interest in the cluster. A record of contributions in related disciplines as applied to personalized medicine, mathematical modeling, medical decision making and/or health care systems analysis is essential. Applicants with strong methodological research interests are particularly encouraged to apply. The successful candidate will be expected to carry out innovative research in mathematical modeling and health systems analysis within the Personalized Medicine Cluster and to pursue relevant research funding. In addition, the candidate is expected to be active in the Ph.D. program and to teach at the graduate and undergraduate levels. To submit your application materials, go to <http://www.mathjobs.org/jobs/ncsu>. Applicants should submit a cover letter with a complete curriculum vitae, detailing educational background, research and professional experience, teaching experience and publications, along with the names of three references familiar with their work. A one page description of past, current and future research activities and interests should also be submitted. Review of applications will begin immediately. Applications will be accepted until suitable candidates are found.

To be considered for this position, please also go to <http://jobs.ncsu.edu/postings/12683> and complete a Faculty Profile for this position. Write to math-jobs@math.ncsu.edu for questions concerning this position.

Individuals with disabilities desiring accommodations in the application process should contact Frankie Stephenson, Executive Assistant at: Frankie_stephenson@ncsu.edu (email), (919) 513-2294 (voice) or (919) 515-0657 (fax).

NCSU is an Equal Opportunity And Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, age, veteran status, or disability. In addition, NC State University welcomes all persons without regard to sexual orientation. Applications from women, minorities, and persons with disabilities are encouraged. The College of Physical and Mathemat-

cal Sciences welcomes the opportunity to work with candidates to identify suitable employment opportunities for spouses or partners.

000092

OREGON

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

The Fariborz Maseeh Department of Mathematics and Statistics at Portland State University invites applications for a tenure-track position in mathematical sciences, to begin in fall 2013. 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 mathematical sciences, or equivalent. We are seeking applicants who can demonstrate the potential for conducting high quality independent research, contributing to our Ph.D. programs, and securing external funding.

The successful candidate will be required to teach graduate and undergraduate courses, and actively participate in supervising graduate students, as well as to conduct 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 curriculum vitae, a statement of research interest that details what the candidate brings to this position, a description of teaching philosophy, and at least three letters of recommendation. The required material (in PDF format) is to be sent to the Mathematical Sciences Search Committee at: mathposition@pdx.edu.

Consideration of applications will begin January 2, 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.

000097

PENNSYLVANIA

**DREXEL UNIVERSITY
Department of Mathematics**

The Department of Mathematics at Drexel University invites applications for a tenure-track/tenure position, effective September 2013. We are especially interested in candidates in Numerical Analysis, Algebraic Combinatorics, Approximation Theory, Compressed Sensing, and Genomic Mathematics.

Applicants must possess a doctoral degree in mathematics or equivalent and show a strong record and commitment to research and teaching.

Applicants for senior positions should demonstrate an outstanding record of achievement commensurate with the level of appointment, including a track record of external support and research group leadership.

Drexel University is a private, urban university, with over 11,000 full-time undergraduates and is well-known for its co-operative education program. The Mathematics Department offers undergraduate, master's and Ph.D. degrees.

To apply for this position please visit <http://www.mathjobs.org> to submit all relevant materials online. These include: AMS cover sheet, letter of application, vita, statement of research program and evidence of teaching effectiveness, and at least three letters of reference.

Review of applications will begin December 1, 2012, and continue until the positions are filled. Drexel University is an Equal Opportunity/Affirmative Action Employer.

000074

SOUTH CAROLINA

**UNIVERSITY OF SOUTH CAROLINA
Department of Mathematics
Tenure-track and Tenured Positions**

Algebraic Geometry Tenure-track Assistant Professor

Applications are invited for a tenure-track Assistant Professor position in the area of algebraic geometry. Areas of particular interest include algebraic geometry and allied fields, such as algebraic and geometric combinatorics, algebraic number theory, algebraic topology, commutative algebra, non-commutative algebra, representation theory, and symbolic computation.

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.

The beginning date for the position will be August 16, 2013. Review of applications will begin on December 1, 2012, and

continue until the position is filled. To ensure consideration, applications should be received by January 8, 2013.

Tenure-track or Tenured Positions Biomathematics

Applications are invited for an open rank tenure-track or tenured position in Bio-mathematics for research related to modeling and computation of tissue and organ fabrication. Candidates should have a Ph.D. in Mathematics or a related field, and have sufficient background in mathematical modeling, mathematical/numerical analysis, simulation, and/or visualization of biological systems to direct a vigorous interdisciplinary research program in mathematical biology. The successful candidate is expected to interact effectively with researchers in the College of Engineering and Computing and the College of Medicine at the University of South Carolina, and at the Medical University of South Carolina.

The beginning date for the position will be August 16, 2013. Review of applications will begin on November 15, 2012, and continue until the position is filled. To ensure consideration, applications should be received by December 15, 2012.

How to apply

Applicants for either position must apply electronically at: <http://www.mathjobs.org>. A complete 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. Please address inquiries to hiring@math.sc.edu.

The Mathematics Department, located in the heart of the historic campus, currently has 32 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 mountains and 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". The Carnegie Foundation also lists USC as having strong community engagement. The university has over 29,500 students on the main campus (and over 44,500 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 an increasingly sophisticated 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.

000068

TENNESSEE

UNIVERSITY OF TENNESSEE Position Advertisement

The Department of Mathematics at the University of Tennessee seeks to fill a tenure-track position in Computational and Applied Mathematics. Preference will be given to candidates who will enhance existing strengths of the group, including numerical PDEs (analysis, adaptive methods, and fast solvers) and modelling and computation applied to problems from fluid dynamics, material science, biology, and other fields of science. A Ph.D. or equivalent degree is required. Outstanding research promise and dedication to excellent teaching are paramount. Some postdoctoral experience is desirable though not required. Employment begins August 1, 2013.

Applicants should arrange to have submitted a curriculum vita, at least three letters of recommendation, a research statement (including future plans and abstracts of finished papers), and evidence of quality teaching. These documents can be submitted any of the following ways: (1) electronically at: <http://www.mathjobs.org/jobs> (preferred), (2) by e-mail to: cam@math.utk.edu (3) by mail to Computational Applied Mathematics Search, Department of Mathematics, The University of Tennessee, Knoxville, TN 37996-0612. Review of applications will begin December 1, 2012, and will continue until the position is filled.

The Knoxville campus of the University of Tennessee is seeking candidates who have the ability to contribute in meaningful ways to the diversity and intercultural goals of the university. For more information about the university and Department of Mathematics please see our websites at: <http://www.utk.edu> and <http://www.math.utk.edu>.

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status.

000080

VANDERBILT UNIVERSITY, 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 2013. 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 <https://www.mathjobs.org/jobs/jobs/3896>. 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, 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, 2012, 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.

000082

VANDERBILT UNIVERSITY Nashville, Tennessee Department of Mathematics Tenure-Track Assistant Professor Position

The Department of Mathematics at Vanderbilt University invites applications for a tenure-track position (Assistant Professor) beginning fall 2013. Exceptional candidates from any area of pure or applied mathematics are encouraged to apply, but priority will be given to applicants in applied analysis or one of the research areas of the department. The department especially encourages applications from women and minorities.

We are looking for individuals with an outstanding record in research and demonstrated excellence in teaching. A Ph.D. degree is required. Qualified candidates should submit their application materials

electronically through the AMS website www.mathjobs.org via the URL <https://www.mathjobs.org/jobs/jobs/3963>. Alternatively, application materials may be sent to:

Faculty Hiring 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 description of current and planned research, 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. Evaluation of the applications will commence on November 15, 2012, and continue until the position is 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.

000098

TEXAS

RICE UNIVERSITY Tenure-Track Position

The Department of Mathematics of Rice University anticipates filling one position at the rank of tenure-track Assistant Professor, contingent on budgetary approval. Candidates who could make an extraordinary contribution may be considered at other ranks. Applicants should have extremely strong research potential and provide evidence of success in teaching. All application materials, including at least three letters of reference, should be submitted via <http://www.mathjobs.org/jobs>. For more information, see <http://www.math.rice.edu/>. Applications should be received by November 15, 2012, to receive full consideration; early application is advisable. Rice University is an Equal Opportunity/Affirmative Action Employer and strongly encourages applications from women and members of under-represented minority groups.

000075

TEXAS A&M UNIVERSITY Department of Mathematics

The Department of Mathematics anticipates several openings for tenured, tenure-eligible, and visiting faculty positions beginning fall 2013. One position at either the Associate or Assistant Professor level is in Noncommutative Geometry and Topology. For the others, the field is open, but we particularly seek applications from

individuals whose mathematical interests would augment and build upon existing strengths both within the Mathematics Department as well as other departments in the university. We also have several visiting positions available. Research and teaching are duties expected of all positions. Salary, and start-up funds are competitive. For a tenured position the applicant should have an outstanding research record. An established research program, including success in attracting external funding, and a demonstrated ability and interest in teaching are required. Informal inquiries are welcome. For an Assistant Professorship, we seek very strong research potential and evidence of excellence in teaching. Research productivity beyond the doctoral dissertation will normally be expected. Our Visiting Assistant Professor positions are three-year appointments and carry a three course per year teaching load. They are intended for those who have recently received their Ph.D. and preference will be given to mathematicians whose research interests are close to those of our regular faculty members. Senior Visiting Positions may be for a semester or one year period. A complete dossier should be received by December 15, 2012. Early applications are encouraged since the department will start the review process in October 2012. Applicants should send the completed "AMS Application Cover Sheet", a vita, a summary statement of research and teaching experience, and arrange to have letters of recommendation sent to: <http://www.mathjobs.org>. Further information can be obtained from: <http://www.math.tamu.edu/hiring>.

Texas A&M University is an Equal Opportunity Employer. The university is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment and strongly encourages applications from women, minorities, individuals with disabilities, and veterans. The university is responsive to the needs of dual career couples.

000070

TEXAS TECH UNIVERSITY Department of Mathematics and Statistics

The Department of Mathematics and Statistics at Texas Tech University (M&S) invites applications for three tenure-track assistant professor positions beginning fall 2013. A Ph.D. degree at the time of appointment is required. M&S has active research groups in both pure and applied mathematics (see <http://www.math.ttu.edu/FacultyStaff/research.shtml>). The department fosters a spirit of interdisciplinary collaboration across areas of mathematics as well as with engineering and the physical and biological sciences. M&S is seeking candidates who will be engaged in nationally

visible scholarship, establish externally-funded research programs, interact with the existing research groups in the department, involve graduate students in their research, and show excellence in teaching at the undergraduate and graduate levels.

It is anticipated that one of the positions will be in statistics, one in numerical analysis, and one in another area compatible with the department's existing research programs. Candidates with very strong records who will bring externally sponsored research to Texas Tech will be considered for associate or full professor ranks.

Please apply for position numbers T96800 for Statistics, T96232 for Numerical Analysis, and T96376 for all other areas, at <http://jobs.texastech.edu>. Include a completed AMS standard cover sheet and a vita.

Three letters of reference plus any material in addition to that completed online should be sent to:

Alex Wang, Hiring Committee Chair,
Department of Mathematics and Statistics,
Texas Tech University,
Lubbock, TX 79409-1042.

Review of applications will begin immediately.

Texas Tech University is committed to diversity among its faculty. We strongly encourage applications from women, minorities, persons with disabilities, and veterans, and we consider the needs of dual career couples.

Texas Tech University is an Affirmative Action/Equal Opportunity Employer.

000048

UTAH

UNIVERSITY OF UTAH Department of Mathematics

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

- Three-year Wylie and Burgess Assistant Professor Lecturer positions

- Postdoctoral positions are available for the NSF-sponsored RTG (Research Training Group) in Mathematical Biology. See our website http://www.math.utah.edu/research/mathbio/RTG_overview.html for a description of these postdoctoral positions.

- Full-time tenure-track or tenured appointments at the level of assistant, associate, or full professor in all areas of mathematics and statistics.

- Full-time tenure-track or tenured appointment as assistant, associate, or full professor in the Department of Mathematics and as the Associate Director of the Center for Science and Mathematics Education (CSME). Successful applicants should have experience, interest, and a demonstrated excellence in mathematics education, in conducting outreach

programs, broadly interpreted, and in mathematics research.

The successful candidate will develop and maintain a balance of education, outreach, and research activities, including directing existing teacher preparation and mathematics education grants. Preferred starting date is August 2013. Applications must be completed through the website: <http://www.mathjobs.org/jobs/Utah>, and will be accepted until the position(s) have been filled. All applications will be reviewed when they are complete. The University of Utah is an Equal Opportunity/Affirmative Action Employer and Educator. Minorities, women, and persons with disabilities are strongly encouraged to apply. Veterans preference. Reasonable accommodations provided. For additional information: <http://www.regulations.utah.edu/humanResources/5-106.html>. The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a strong commitment to improving access to higher education for historically underrepresented students. The department is one of 25 Group I Mathematics Departments in public institutions nationwide, and its faculty have received many honors including Clay, Guggenheim, Packard, and Sloan Fellowships. For more information see: <http://www.math.utah.edu> or email hiring@math.utah.edu.

000093

VIRGINIA

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 full time positions, either tenure-track or tenured open rank, to begin in the fall semester of 2013. Applicants must present evidence of outstanding accomplishments and promise in both research and teaching. Candidates whose research interests complement the strengths of the department's current faculty are encouraged to apply, with priority given to applicants in algebra and algebraic geometry for one position and analysis for the other. Applicants are required to have a Ph.D. by the time of appointment.

Information about the department may be found at <http://artsandsciences.virginia.edu/mathematics/index.html>.

Review of applications will begin on November 15, 2012; however, the positions will remain open until filled.

To apply, please submit the following required documents electronically through <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.

In addition, all candidates are required to complete a Candidate Profile through the University of Virginia's employment system, which is Jobs@UVA (<https://jobs.virginia.edu>). Search for posting number 0610625 and follow the directions for applying to this posting to submit CV with a publication list, statement of research interest, and statement of teaching philosophy.

Questions regarding the application process for Jobs@UVA should be directed to: zk4g@virginia.edu.

For additional information about the position contact: mathematics-hiring@Virginia.EDU.

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

The University of Virginia is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans and persons with disabilities are encouraged to apply.

000086

UNIVERSITY OF VIRGINIA Department of Mathematics Whyburn Instructorship

The Department of Mathematics at the University of Virginia invites applications for a Whyburn Instructorship in commutative algebra beginning August 25, 2013. This position carries a three-year appointment. Preference will be given to candidates who have received their Ph.D. within the last three years. Candidates must have a Ph.D. by the time of appointment, an outstanding research record, and demonstrated teaching success. Information about the department may be found at <http://artsandsciences.virginia.edu/mathematics/index.html>.

Review of applications will begin on November 15, 2012; however, the position will remain open until filled.

To apply, submit the following required documents electronically through <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 four letters of recommendation submitted, of which one must support the applicant's effectiveness as a teacher.

In addition, all candidates are required to complete a Candidate Profile through the University of Virginia's employment system, which is Jobs@UVA (<https://jobs.virginia.edu>). Search for posting number 0610670 and follow the directions for applying to this posting to submit

CV with a publication list, statement of research interest, and statement of teaching philosophy.

Questions regarding the application process for Jobs@UVA should be directed to: zk4g@virginia.edu.

For additional information about the position contact: huneke@Virginia.EDU.

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

The University of Virginia is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans and persons with disabilities are encouraged to apply.

000087

HONG KONG

THE UNIVERSITY OF HONG KONG Tenure-Track Associate Professor/ Assistant Professor in the Department of Mathematics (Ref.: 201200445)

Applications are invited for a tenure-track appointment as Associate Professor/Assistant Professor in the Department of Mathematics, from July 1, 2013, or as soon as possible thereafter. The position will initially be made on a three-year term basis, with the possibility of renewal and with consideration for tenure during the second three-year contract.

The position is to be held by an academic in Pure Mathematics. Special consideration will be given to candidates whose expertise overlaps with Algebraic Geometry, Arithmetic Geometry and/or Complex Geometry, but applications from candidates in any area of Pure Mathematics will also be considered. The appointee, who will be a regular professoriate member of the department, will be associated with the Institute of Mathematical Research (IMR) (<http://www.hku.hk/math/imr>), a centre of the University of Hong Kong attached to the department. He/She is expected to actively participate in research activities of the IMR and to take part in the organization of these activities such as research seminars, workshops, and conferences. The appointee will share teaching duties as other regular professoriate members of the department, but efforts will be made by the department so that part of those duties will be fulfilled through the teaching of graduate level and advanced undergraduate level courses. For enquiries about the existing research activities and the specific job requirements, please write to Professor J. Lu, Head of the Department of Mathematics (email: jhlu@maths.hku.hk).

A globally competitive remuneration package commensurate with the appointee's qualifications and experience will be offered. At current rates, salaries tax does not exceed 15% of gross income. The appointment will attract a contract-end

gratuity and university contribution to a retirement benefits scheme, totalling up to 15% of basic salary, as well as leave, and medical benefits. Housing benefits will be provided as applicable.

Applicants should send a completed application form, together with a C.V. containing information on educational experience, professional experience, a complete list of publications, a survey of past research and teaching experience, a research plan for the next few years, and a statement on teaching philosophy by email to: scmath@hku.hk. They should also arrange for submission, to the same email address as stated above, three reference letters from senior academics. One of these senior academics should be asked to comment on the applicant's ability in teaching, or the applicant should arrange to have an additional reference letter on his/her teaching sent to the same email address as stated above. Please indicate clearly "Ref.: 201200445" and which level the candidate is being considered for (Tenure-Track Associate Professor/Assistant Professor in the Department of Mathematics) in the subject of the email. Application forms (341/1111) can be obtained at: <http://www.hku.hk/apptunit/form-ext.doc>. Further particulars can be obtained at <http://jobs.hku.hk/>. Closes November 30, 2012.

The university thanks applicants for their interest, but advises that only short-listed applicants will be notified of the application result.

The university is an Equal Opportunity Employer and is committed to a No-Smoking policy.

000042

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 2013.

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 covers 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:

- Analysis and Ergodic Theory
 - Number Theory, Arithmetic Geometry
 - Computational Science, especially Biomedical Imaging and Computational Material Sciences
 - Probability, Stochastic Processes, and Financial Mathematics
 - Combinatorics and Discrete Mathematics
- Application materials should be sent to the Search Committee via email (as PDF files): 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.

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>.

000069

POSTDOCTORAL FELLOWSHIPS

**ALLIANCE FOR BUILDING FACULTY DIVERSITY
IN THE MATHEMATICAL SCIENCES
POSTDOCTORAL FELLOWSHIPS
NSF-funded Postdoctoral Fellowships**

The Alliance for Building Faculty Diversity in the Mathematical Sciences aims to increase the access of U.S. underrepresented minority groups to academic tenure-track positions. The Alliance offers four NSF funded Postdoctoral Fellowships beginning fall 2013 targeted at new or recent minority Ph.D.'s. The Alliance is comprised of NSF Mathematical Sciences Institutes and seven major research universities with a good record of mentoring

underrepresented mathematics graduate students. Successful applicants will show strong research potential and be interested in continuing in a career at a research university.

The postdoctoral fellowships are for three years. A typical 3-year postdoctoral fellow will spend 2 years at one of the Alliance universities and up to a year at a national institute if there is a suitable program. Each postdoc will be matched with a research mentor at the host university. The Fellowship salary will be \$60,000 per year plus benefits. In addition the fellows will receive a travel and research allowance. For more information see <http://www.math.ncsu.edu/alliance>.

Eligibility. Applicants must be U.S. citizens or permanent residents who have obtained a Ph.D. in mathematics within the last 5 years. Particular attention will be given to U.S. underrepresented minority (U.S. URM) candidates.

The Alliance universities are (listed alphabetically): Arizona State University, Howard University, Iowa State University, North Carolina State University, University of Arizona, University of Iowa and University of Nebraska. The Alliance NSF Mathematical Sciences Institutes are (listed alphabetically): American Institute of Mathematics (AIM), Institute for Computational and Experimental Research in Mathematics (ICERM), Institute for Mathematics and its Applications (IMA), Institute For Pure and Applied Mathematics (IPAM), Mathematical Biosciences Institute (MBI), Mathematical Sciences Research Institute (MSRI), National Institute for Mathematical and Biological Synthesis (NIMBioS), Park City Mathematics Institute (PCMI/IAS), and Statistical and Applied Mathematical Sciences Institute (SAMSII).

To submit your application materials, go to <http://www.mathjobs.org/jobs/alliance>. Include a vita, at least three letters of recommendation, and a description of current and planned research. Please also include a short statement to address how your plans fit with the priorities of this program. Applicants are encouraged to consult the Alliance website <http://www.math.ncsu.edu/alliance> and provide a list of potential mentors and preferred institutions.

Write to alliance@math.ncsu.edu for questions concerning this position. Applications received by December 15, 2012. will be given priority.

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