

Classified Advertisements

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

CALIFORNIA

MATHEMATICAL SCIENCES RESEARCH INSTITUTE Berkeley, CA

MSRI invites applications for 40 Research Professors, 200 Research Members, and 30 semester-long Post-Doctoral Fellows, in the following programs: Symplectic and Contact Geometry and Topology (August 17, 2009, to May 21, 2010), Tropical Geometry (August 17, 2009, to December 18, 2009), Homology Theories of Knots and Links (January 11, 2010, to May 21, 2010). Some invitations may be made in other areas, so applications from candidates in all fields are welcome. Research professorships are intended for senior researchers who will be making key contributions to a program including the mentoring of postdoctoral fellows and who will be in residence for three or more months. Research memberships are intended for researchers who will be making contributions to a program and who will be in residence for one or more months. Post-doctoral fellowships are intended for recent Ph.D.'s (some semester-long fellowships may be combined to allow fellows to participate in the full academic year program. Candidates with other interest may also apply for a semester fellowship in the Complementary Program). Applications must be complete, including all letters of reference. Application deadlines: Research Professorships, October 01, 2008; Research Memberships, December 01, 2008; Post-doctoral Fellowships, December 01, 2008. Application information http://www.msri.org/propapps/applications/application_material. Programmatic information: Symplectic and

Contact Geometry and Topology http://www.msri.org/calendar/programs/ProgramInfo/257/show_program.

Tropical Geometry http://www.msri.org/calendar/programs/ProgramInfo/255/show_program.

Homology Theories of Knots and Links http://www.msri.org/calendar/programs/ProgramInfo/258/show_program.

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UNIVERSITY OF CALIFORNIA, LOS ANGELES Department of Mathematics Faculty Positions Academic Year 2009-2010

The Department of Mathematics, subject to administrative approval, expects to make several tenure-track/tenure appointments in a wide range of possible fields. We also plan to make temporary and visiting appointments in the following categories 2-5. Depending on the level, candidates must give evidence of potential or demonstrated distinction in scholarship and teaching.

(1) Tenure-Track/Tenured Faculty Positions. Salary is commensurate with level of experience.

(2) E. R. Hedrick Assistant Professorships. Salary is US\$61,200 and appointments are for three years. The teaching load is four quarter courses per year.

(3) Computational and Applied Mathematics (CAM) Assistant Professorships. Salary is US\$61,200, and appointments are for three years. The teaching load is normally reduced to two or three quarter

courses per year by research funding as available.

(4) Program in Computing (PIC) Assistant Adjunct Professorships. Salary is US\$65,500. 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 seminar every two years. Initial appointments are for one year and possibly longer, up to a maximum service of four years.

(5) 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 US\$56,400-\$59,500. The teaching load for adjuncts is five quarter courses per year.

If you wish to be considered for any of these positions you must submit an application and supporting documentation electronically via <http://www.mathjobs.org>.

For fullest consideration, all application materials should be submitted on or before December 12, 2008. Ph.D is required for all positions.

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 is an Equal Opportunity/Affirmative Action Employer. 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

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 2008 rate is \$110 per inch or fraction thereof on a single column (one-inch minimum), calculated from top of headline. Any fractional text of 1/2 inch or more will be charged at the next inch rate. 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 2008 issue–August 28, 2008; December 2008 issue–October 1, 2008; January 2009

issue–October 28, 2008; February 2009 issue–November 26, 2008; March 2009 issue–December 29, 2008; April 2009 issue–January 29, 2009.

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

United States as established by providing documents specified in the Immigration Reform and Control Act of 1986.

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ILLINOIS

ILLINOIS WESLEYAN UNIVERSITY
Department of Mathematics
Tenure-Track Assistant
Professor of Mathematics

The Department of Mathematics and Computer Science at Illinois Wesleyan University invites applications for a tenure-track assistant professor of mathematics. Employment will begin in August 2009, and the teaching load will be six courses per year. All candidates must have a Ph.D. in mathematics with a specialization in number theory. Candidates are expected to have completed their Ph.D. by August 1, 2009.

Applicants for the position should submit by mail a letter of application, curriculum vitae, AMS Standard Cover Sheet, and a research and teaching statement, and have three letters of recommendation sent separately to: Mathematics Search Committee, Department of Mathematics and Computer Science, Illinois Wesleyan University, P.O. Box 2900, Bloomington, IL 61702-2900. Electronic applications are not normally accepted. Applications completed after November 1, 2008, may not receive full consideration. For further information, see <http://www2.iwu.edu/iwujobs/>.

Illinois Wesleyan is an Equal Opportunity Employer Committed to a Diverse Work Force.

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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. For applicants who are U.S. citizens or permanent residents, there is the possibility of reduced teaching and resources for summer support and travel from the department's VIGRE grant.

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 three one-quarter courses per year.

Applicants will be considered for any of the positions above which seem appropriate. Complete applications consist of (a) a cover letter, (b) a curriculum vitae, (c) three or more letters of reference, at least one of which addresses teaching ability, and (d) a description of previous research and plans for future mathematical research. Applicants are strongly encouraged to include information related to their teaching experience, such as a teaching statement or evaluations from courses previously taught, as well as an AMS cover sheet. If you have applied for an NSF Mathematical Sciences Postdoctoral Fellowship, please include that information in your application, and let us know how you plan to use it if awarded.

Applications must be submitted online through <http://www.mathjobs.org>. Questions may be directed to: appt-sec@math.uchicago.edu. We will begin screening applications on December 1, 2008. Screening will continue until all available positions are filled. The University of Chicago is an Equal Opportunity/Affirmative Action Employer.

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LOUISIANA

LOUISIANA STATE UNIVERSITY
Department of Mathematics/Center for
Computation and Technology
Postdoctoral Researcher
(One or more positions)

The Department of Mathematics at Louisiana State University in partnership with the Center for Computation and Technology (CCT) invites applications for NSF VIGRE Postdoctoral Researcher positions in mathematics. Applications are invited for postdoctoral researcher(s) in Scientific Computing/Numerical Analysis. The teaching duties are the equivalent of one course each semester.

Required Qualifications: Ph.D. or an equivalent degree in mathematics or a related area. Additional Qualifications Desired: Mathematical scientists, who have potential for research excellence as well as commitment to graduate and undergraduate education.

These positions are designed to increase the participation of the department in interdisciplinary research with various other teaching groups on campus. The CCT (<http://www.cct.lsu.edu>) has a mission to enhance information technology efforts at LSU. Much of its funding is being used to create new faculty positions in the computational sciences across disciplines, including computational mathematics, computer science, nanotechnologies, astrophysics and relativity, fluid dynamics,

bio-informatics, and others. An offer of employment is contingent on a satisfactory pre-employment background check. Review of applications will begin December 1, 2008, but applications will be accepted and reviewed until candidates are selected. Applications should include the AMS Standardized Application Form, and enclose a full resume (including email address), a statement on research, and three letters of recommendation. Minorities and women are strongly encouraged to apply. To apply, we request that applicants use the secure AMS online application system at <http://www.mathjobs.org/jobs>. You may also write to: Hiring Committee, Department of Mathematics, Louisiana State University, Ref: #032992, Baton Rouge, LA 70803; email: profjobs@math.lsu.edu. LSU is an Equal Opportunity/Equal Access Employer.

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LOUISIANA STATE UNIVERSITY
Department of Mathematics/Center for
Computation and Technology
Postdoctoral Researcher
(One or more positions)

The Department of Mathematics at Louisiana State University invites applications for anticipated Postdoctoral Researcher positions in mathematics including NSF VIGRE postdoctoral positions. Applications are invited for positions in the areas of geometric analysis, geometry and topology, algebra, analysis, applied mathematics, and combinatorics. The teaching duties are the equivalent of one course each semester.

Required Qualifications: Ph.D. or an equivalent degree in mathematics. Additional Qualifications desired: Mathematicians, who have potential for research excellence as well as a commitment to graduate and undergraduate education. Special Requirements: VIGRE funded postdoctoral researchers must have authorization to work in the U.S.

An offer of employment is contingent on a satisfactory pre-employment background check. Review of applications will begin January 2, 2009, but applications will be accepted and reviewed until candidates are selected. Applications should include the AMS Standardized Application Form, and enclose a full resume (including email address), a statement on research, and three letters of recommendation. Minorities and women are strongly encouraged to apply. To apply, we request that applicants use the secure AMS online application system at <http://www.mathjobs.org/jobs>. You may also write to: Hiring Committee Department of Mathematics Louisiana State University Ref: #034149 Baton Rouge, LA 70803; email: profjobs@math.lsu.edu. LSU is an Equal Opportunity/Equal Access Employer

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MARYLAND

JOHNS HOPKINS UNIVERSITY
Department of Mathematics
Full Professor

The Department of Mathematics invites applications for one or more positions at the Associate Professor or Full Professor level in general areas of analysis, algebra, topology, number theory, and mathematical physics beginning Fall 2009 or later.

To submit your applications go to: <http://www.mathjobs.org/jobs/jhu>. Applicants are strongly advised to submit their other materials electronically at this site.

If you do not have computer access, you may mail your application directly to: Appointments Committee, Department of Mathematics, Johns Hopkins University, 404 Krieger Hall, Baltimore, MD 21218. Application should include a vita, at least four letters of recommendation of which one specifically comments on teaching, and a description of current and planned research. Write to cpool@jhu.edu for questions concerning these positions. Applications received by November 17, 2008, will be given priority. The Johns Hopkins University is an Affirmative Action/Equal Opportunity Employer. Minorities and women candidates are encouraged to apply.

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JOHNS HOPKINS UNIVERSITY
Department of Mathematics
Non-Tenure-Track J. J. Sylvester
Assistant Professor
2008 Advertising

Subject to availability of resources and administrative approval, the Department of Mathematics solicits applications for non-tenure-track Assistant Professor positions beginning Fall 2009.

The J. J. Sylvester Assistant Professorship is a three-year position offered to recent Ph.D.'s with outstanding research potential. Candidates in all areas of pure mathematics, including analysis, mathematical physics, geometric analysis, complex and algebraic geometry, number theory, and topology are encouraged to apply. The teaching load is three courses per academic year.

To submit your applications go to: <http://www.mathjobs.org/jobs/jhu>. Applicants are strongly advised to submit their other materials electronically at this site.

If you do not have computer access, you may mail your application directly to: Appointments Committee, Department of Mathematics, Johns Hopkins University, 404 Krieger Hall, Baltimore, MD 21218. Application should include a vita, at least four letters of recommendation of which one specifically comments on teaching, and a description of current and planned

research. Write to cpool@jhu.edu for questions concerning these positions. Applications received by November 17, 2008, will be given priority. The Johns Hopkins University is an Affirmative Action/Equal Opportunity Employer. Minorities and women candidates are encouraged to apply.

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MASSACHUSETTS

BOSTON COLLEGE
Department of Mathematics
Tenure-Track Positions in
Number Theory and in
Geometry/Topology

The Department of Mathematics at Boston College invites applications for two tenure-track positions at the level of Assistant Professor beginning in September 2009, one in Number Theory and the second in Geometry/Topology. In exceptional cases, a higher level appointment may be considered. The teaching load for each position is three semester courses per year.

Requirements include a Ph.D. or equivalent in mathematics awarded in 2007 or earlier, a record of strong research combined with outstanding research potential, and demonstrated excellence in teaching mathematics.

A completed application should contain a cover letter, a description of research plans, a statement of teaching philosophy, curriculum vitae, and at least four letters of recommendation. One or more of the letters of recommendation should directly comment on the candidate's teaching credentials.

Applications completed no later than December 1, 2008 will be assured our fullest consideration. Please submit all application materials through <http://MathJobs.org>. If necessary, printed materials may otherwise be sent to:

Chair, Search Committee in Number Theory
 (resp. in Geometry/Topology)
 Department of Mathematics
 Boston College
 Chestnut Hill, MA 02467-3806

Applicants may learn more about the department, its faculty and its programs at <http://www.bc.edu/math>. Electronic inquiries concerning these positions may be directed to math-search-nt@bc.edu or math-search-gt@bc.edu. Boston College is an Affirmative Action/Equal Opportunity Employer. Applications from women, minorities and individuals with disabilities are encouraged.

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Mathematics

The Mathematics Department at MIT is seeking to fill positions at the level of Assistant Professor or higher for September 2009. Appointments are based on exceptional research contributions in pure mathematics. Appointees will be expected to fulfill teaching duties and pursue their own research program. Ph.D. required by employment start-date. We request that applications and other materials, including (a) curriculum vitae, (b) research description, and (c) three letters of recommendation be submitted online at <http://www.mathjobs.org>. Applications should be complete by **December 1, 2008**, to receive full consideration. We request that your reference letters be submitted by reviewers online via mathjobs.org. We will also accept recommendations sent as PDF attachments to pure@math.mit.edu, or in hardcopy mailed to: Pure Mathematics Committee, Room 2-345, Department of Mathematics, MIT, 77 Massachusetts Ave., Cambridge, MA 02139-4307. Please do not mail or email duplicates of items already submitted via mathjobs.org.

MIT is an Equal Opportunity, Affirmative Action Employer.

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Mathematics
C.L.E. Moore Instructorships in
Mathematics

These positions for September 2009 are open to mathematicians who show definite promise in research. Applicants with Ph.D.'s after June 2008 are strongly preferred. Appointees will be expected to fulfill teaching duties and pursue their own research program. We request that applications and other materials, including (a) curriculum vitae, (b) research description, and (c) three letters of recommendation, be submitted online at <http://www.mathjobs.org>. Applications should be complete by **December 1, 2008**, to receive full consideration. We request that your letters of reference be submitted by the reviewers online via <http://mathjobs.org>. We will also accept recommendations either as PDF attachments sent to: pure@math.mit.edu, or as paper copies mailed to: Pure Mathematics Committee, Room 2-345, Department of Mathematics, MIT, 77 Massachusetts Ave., Cambridge, MA 02139-4307. Please do not mail or email duplicates of items already submitted via mathjobs.org.

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**MASSACHUSETTS INSTITUTE OF
TECHNOLOGY**
Department of Mathematics
Applied Mathematics

The applied mathematics group at MIT is seeking to fill combined teaching and research positions at the level of Instructor, Assistant Professor, or higher, beginning September 2009. Ph.D. required by employment start-date. Appointments are mainly based on exceptional research qualifications. Candidates in all areas of applied mathematics, including physical applied mathematics, computational molecular biology, numerical analysis, scientific computation, and theoretical computer science will be considered. Current activities of the group include: combinatorics, operations research, theory of algorithms, numerical analysis, astrophysics, condensed matter physics, computational physics, fluid dynamics, geophysics, nonlinear waves, theoretical and computational molecular biology, material sciences, quantum computing and quantum field theory, but new hiring may involve other areas as well. We request that applications and other materials, including (a) curriculum vitae, (b) research description, and (c) three letters of recommendation be submitted online at: <http://www.mathjobs.org>, preferably well in advance of our deadline of **January 1, 2009**, since we will begin our deliberations in December. We request that your reference letters be submitted by reviewers online via <http://mathjobs>. We will also accept recommendations sent as PDF attachments to: applied@math.mit.edu, or in hardcopy mailed to: Applied Mathematics Committee, Room 2-345, Department of Mathematics, MIT, 77 Massachusetts Ave., Cambridge, MA 02139-4307. Please do not mail or email duplicates of items already submitted via mathjobs.

MIT is an Equal Opportunity, Affirmative Action Employer.

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**MASSACHUSETTS INSTITUTE OF
TECHNOLOGY**
Department of Mathematics
Statistics

The Department of Mathematics at MIT is seeking to fill combined teaching and research positions at the level of Instructor, Assistant Professor, or higher in STATISTICS or APPLIED PROBABILITY beginning September 2009. Appointments are mainly based on exceptional research qualifications. Ph.D. required by employment start-date. We request that applications and other materials, including (a) curriculum vitae, (b) research description, and (c) three letters of recommendation be submitted online at: <http://www.mathjobs.org>. Applications should be complete by **January 1, 2009**, to receive full consideration. We request that your

reference letters be submitted by reviewers online via <http://mathjobs>. We will also accept recommendations sent as PDF attachments to statistics@math.mit.edu, or in hardcopy mailed to: Committee on Statistics, Room 2-345, Department of Mathematics, MIT, 77 Massachusetts Ave., Cambridge, MA 02139-4307. Please do not mail or email duplicates of items already submitted via mathjobs.

MIT is an Equal Opportunity, Affirmative Action Employer.

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WILLIAMS COLLEGE
Mathematics & Statistics

The Williams College, Department of Mathematics and Statistics, invites applications for one tenure-track position in mathematics, beginning fall 2009, 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 and research, 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. In addition to excellence in teaching, an active and successful research program is expected.

Applicants are asked to supply a vita and have three letters of recommendation on teaching and research sent. Teaching and research statements are also welcome. Applications may be made online (<http://www.mathjobs.org/jobs>). Alternately, application materials and letters of recommendation may be sent to Olga R. Beaver, Chair of the Hiring Committee, Department of Mathematics and Statistics, Williams College, Williamstown, MA 01267. Evaluation of applications will begin on or after November 15 and will continue until the position is filled. For more information on the Department of Mathematics and Statistics, please visit <http://www.williams.edu/Mathematics>.

Williams College is committed to building and supporting a diverse population of faculty, staff and students, to fostering a varied and inclusive curriculum, and to providing a welcoming intellectual environment for all. As an EEO/AA employer, Williams encourages applications from all backgrounds. To learn more about Williams College, please visit <http://www.williams.edu>.

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MICHIGAN

UNIVERSITY OF MICHIGAN
Department of Mathematics

Pending authorization, the department invites applications for a Lecturer III in Mathematics to begin September 2009. This is not a tenure-track position but may be renewed, annually for up to the first four years, and thereafter for intervals of three to five years. Criteria for renewal are excellence in classroom teaching and participation in administration of the department's Introductory Program and instructor development. Interest and activity in pedagogical research is encouraged but not essential for reappointment. The successful candidate is likely to have both a doctorate and substantial experience in teaching mathematics. Please submit a curriculum vitae, a statement of teaching philosophy and experience, evidence of teaching excellence, and the names of at least three references. Application materials should preferably be submitted electronically through the AMS website: <http://MathJobs.Org>. Alternatively, applications may be sent to: Personnel Committee, University of Michigan, Department of Mathematics, 2074 East Hall, 530 Church Street, Ann Arbor MI 48109-1043. Applications are considered on a continuing basis but candidates are urged to apply by November 1, 2008. Inquiries may be made by e-mail to: math-fac-search@umich.edu. More detailed information regarding the department may be found on our website: <http://www.math.lsa.umich.edu>. Women and minority candidates are encouraged to apply. The University of Michigan is an Equal Opportunity/Affirmative Action Employer.

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UNIVERSITY OF MICHIGAN
Department of Mathematics

Pending authorization, the Department of Mathematics anticipates having one or more openings at the tenure-track or tenured level. Candidates should hold a Ph.D. in mathematics or a related field and should show outstanding promise and/or accomplishments in both research and teaching. Applications are encouraged from any area of pure, applied, computational, or interdisciplinary mathematics. Salaries are competitive and are based on credentials. Junior candidates should furnish a placement dossier consisting of a letter of application, curriculum vitae and three letters of recommendation; senior candidates should send a letter of application, curriculum vitae, and names of three suggested references. In all cases please provide a statement of teaching philosophy and experience, evidence of teaching excellence, and a statement of current and future research plans. Application materials should preferably be

submitted electronically through the AMS website <http://MathJobs.Org>. Alternatively, applications may be sent to: Personnel Committee, University of Michigan, Department of Mathematics, 2074 East Hall, 530 Church Street, Ann Arbor MI 48109-1043. Applications are considered on a continuing basis but candidates are urged to apply by November 1, 2008. Inquiries may be made by email to: math-fac-search@umich.edu. More detailed information regarding the department may be found on our website: <http://www.math.lsa.umich.edu>. Women and minority candidates are encouraged to apply. The University of Michigan is supportive of the needs of dual career couples and is an Equal Opportunity /Affirmative Action Employer.

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MINNESOTA

UNIVERSITY OF MINNESOTA Dunham Jackson Assistant Professor

This is a three-year appointment from fall semester 2009 through spring semester 2012, with a teaching load of 3 one-semester courses per academic year. Outstanding research and teaching abilities are required. Preference will be given to applicants whose research interests are compatible with those of the School. Applicants should have received or expect to receive a Ph.D. in mathematics no earlier than Jan. 1, 2008, and no later than August 25, 2009. Salary is competitive. For full consideration, applications and all supporting materials must be submitted electronically through <http://www.mathjobs.org> by December 1, 2008. Applications received after the deadline will be considered as positions remain. No paper submission is needed unless the candidate is unable to submit electronically, in which case letters may be sent to the following address:

Peter J. Olver, Professor and Head
School of Mathematics
University of Minnesota
127 Vincent Hall,
206 Church Street S.E.
Minneapolis, MN 55455

email: mathsrch@tc.umn.edu

Applicants must include the following: Cover letter; curriculum vitae; at least 4 letters of recommendation, one of which should address teaching ability; description of research; and a teaching statement. Reference letter writers should be asked to submit their letters online through <http://mathjobs.org>. If they are unable to do so, they may send their letters to the above mentioned address. In addition to your MathJobs application, the University of Minnesota requires all applicants to register at the website <http://employment.umn.edu>. At this site you should first click on the link "Search Positions". Enter Requisition Number 157121.

When the job listing appears click the "View" link in the Position Title field and then the button "Apply for this Posting". At this point you will be prompted to "Fill out a new Application". In your application, you should enter your name and optional demographic information. It is not necessary to fill out your complete contact information or to submit your other application material to this site.

The University of Minnesota is an Equal Opportunity Employer/Educator.

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UNIVERSITY OF MINNESOTA School of Mathematics

The School of Mathematics of the University of Minnesota is seeking outstanding candidates for 2-3 tenured or tenure-track faculty positions starting fall semester 2009. Candidates should have a Ph.D. or equivalent degree in mathematics or a closely related field and excellent records in both research and teaching.

For full consideration, applications and all supporting materials must be submitted electronically through <http://www.mathjobs.org> by December 1, 2008. Applications received after the deadline will be considered as positions remain. No paper submission is needed unless the candidate is unable to submit electronically, in which case letters should be sent to the following address:

Peter J. Olver, Professor and Head
School of Mathematics
University of Minnesota
127 Vincent Hall
206 Church Street S.E.
Minneapolis, MN 55455

email: mathsrch@tc.umn.edu

Applicants must include the following: Cover letter; curriculum vitae; at least 4 letters of recommendation, one of which should address teaching ability; and a research and teaching statement. Reference letter writers should be asked to submit their letters online through <http://mathjobs.org>. If they are unable to do so, they may send their letters to the above mentioned address. In addition to your MathJobs application, the University of Minnesota requires all applicants to register at the website <http://employment.umn.edu>. At this site you should first click on the link "Search Positions". Enter Requisition Number 157121 for tenure-track positions and 157113 for tenured positions.

When the job listing appears click the "View" link in the Position Title field and then the button "Apply for this Posting". At this point you will be prompted to "Fill out a new Application". In your application, you should enter your name and optional demographic information. It is not necessary to fill out your complete

contact information or to submit your other application material to this site.

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NEW HAMPSHIRE

DARTMOUTH COLLEGE John Wesley Young Research Instructorship

The John Wesley Young Instructorship is a postdoctoral, two- to three-year appointment intended for promising Ph.D. graduates with strong interests in both research and teaching and whose research interests overlap a department member's. Current research areas include applied mathematics, combinatorics, geometry, logic, non-commutative geometry, number theory, operator algebras, probability, set theory, and topology. Instructors teach four ten-week courses distributed over three terms, though one of these terms in residence may be free of teaching. The assignments normally include introductory, advanced undergraduate, and graduate courses. Instructors usually teach at least one course in their own specialty. This appointment is for 26 months with a monthly salary of \$4,833 and a possible 12 month renewal. Salary includes two-month research stipend for Instructors in residence during two of the three summer months. To be eligible for a 2009-2011 Instructorship, candidate must be able to complete all requirements for the Ph.D. degree before September 2009. Applications may be obtained at <http://www.math.dartmouth.edu/recruiting/> or <http://www.mathjobs.org>. Position ID: 237-JWY. General inquiries can be directed to Annette Luce, Department of Mathematics, Dartmouth College, 6188 Kemeny Hall, Hanover, New Hampshire 03755-3551. At least one referee should comment on applicant's teaching ability; at least two referees should write about applicant's research ability. Applications received by January 5, 2009, receive first consideration; applications will be accepted until position is filled. Dartmouth College is committed to diversity and strongly encourages applications from women and minorities.

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NEW JERSEY

INSTITUTE FOR ADVANCED STUDY School of Mathematics

The School of Mathematics has a limited number of memberships, some with financial support for research in mathematics and computer science at the Institute during the 2009-2010 academic year. Candidates must have given evidence of ability

in research comparable at least with that expected for the Ph.D. degree.

During the academic year of 2009-2010, Enrico Bombieri of the School and Peter Sarnak of Princeton University/Institute for Advanced Study will lead a program on analytic number theory. The program will have an emphasis on analytic aspects, and particular topics that will be covered include the distribution of prime numbers, sieves, L functions, special sequences as well as additive and combinatorial methods, exponential sums, spectral analysis and modular forms.

Minicourses explaining some of the basic methods and tools connected with these topics will be held towards the beginning of each term, and a weekly seminar will take place on Tuesday afternoons. A week-long workshop highlighting recent developments connected with the program will be held in the spring.

Recently the School has established the von Neumann Early Career Fellowships. Six of these fellowships will be available for the 2009-2010 academic year. To be eligible for the von Neumann Fellowships, applicants should be at least 5 years following the receipt of their Ph.D. but not yet eligible to receive their first paid sabbatical.

The Veblen Research Instructorship is a three-year position which the School of Mathematics and the Department of Mathematics at Princeton University established 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. The first and third year of the instructorship will be spent at Princeton University and will carry regular teaching responsibilities. The second year will be spent at the Institute and dedicated to independent research of the instructor's choice.

Application materials may be requested from Applications, School of Mathematics, Institute for Advanced Study, Einstein Drive, Princeton, NJ 08540; email: applications@math.ias.edu. Application forms may be downloaded via a Web connection to: <http://www.math.ias.edu>. Application deadline is December 1.

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

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RUTGERS UNIVERSITY, CAMDEN
Department of Mathematical Sciences
Joseph and Loretta Lopez
Endowed Chair in Mathematics

Applications and nominations are invited for the Joseph and Loretta Lopez Chair in Mathematics. The department seeks a distinguished scholar in mathematics with international reputation, well-established research and teaching record, and

demonstrated ability to generate external funding. This endowed chair is the first at the Camden Campus of Rutgers University. It is a tenured faculty position and the chair is for a 5-year renewable term. The holder of this chair will be a senior faculty member and a vigorous participant in the research, instruction, and service work of the Department of Mathematical Sciences. The holder will also be expected to play a vital role in the recently established Center for Computational and Integrative Biology. Applicants must demonstrate evidence of interest in the areas of mathematical and/or computational biology.

The appointment will commence on September 1, 2009. The salary and startup funds are highly competitive and negotiable. The department will begin reviewing applications on December 17 and continue its review until the position is filled. Applications should be sent to:

Professor Gabor Toth, Chair
Search Committee, Department of Mathematical Sciences
Rutgers University, Camden
Camden, New Jersey, 08102

Applicants should also arrange for at least four letters of recommendation to be sent. Rutgers University, Camden, is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minority group members.

000077

NEW YORK

CORNELL UNIVERSITY
Department of Mathematics

The Department of Mathematics at Cornell University invites applications for possible H.C. Wang Assistant Professors, non-renewable, 3-year term beginning July 1, 2009. 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 are strongly encouraged to apply electronically at: <http://www.mathjobs.org>.

For information about our positions and application instructions, see: <http://www.math.cornell.edu/Positions/facpositions.html>. Applicants will be automatically considered for all eligible positions. Deadline December 1, 2008. Early applications will be regarded favorably. Cornell University is an Affirmative Action/Equal Opportunity Employer and Educator.

000069

CORNELL UNIVERSITY
Department of Mathematics

The Department of Mathematics at Cornell University invites applications for possible visiting positions, academic year

or one semester teaching positions (rank based on experience) beginning August 16, 2009. We are seeking candidates who have excellent teaching skills. Teaching load varies from 1-4 courses per year, depending on the individual and the availability of courses. Candidates with teaching and research interests compatible with current faculty are sought. A Ph.D. in mathematics or a related field is required. The department actively encourages applications from women and minority candidates.

Applicants are strongly encouraged to apply electronically at <http://www.mathjobs.org>.

For information about our positions and application instructions, see: <http://www.math.cornell.edu/Positions/facpositions.html>. Applicants will be automatically considered for all eligible positions. Deadline December 1, 2008. Early applications will be regarded favorably. Cornell University is an Affirmative Action/Equal Opportunity Employer and Educator.

000070

CORNELL UNIVERSITY
Department of Mathematics

The Department of Mathematics at Cornell University invites applications for two or more half-time visiting positions (rank based on experience) for mathematics professors on sabbatical/other leaves from colleges, universities, and engineering schools for our Teaching Program Visiting Faculty Positions beginning August 16, 2009. Candidates with substantial experience teaching undergraduate mathematics, and with teaching and research interests compatible with current faculty, are sought. Successful candidates are expected to pursue a program of study and/or research at Cornell. The normal duties are to teach two identical courses each semester. A Ph.D. in mathematics or a related field is required. The department actively encourages applications from women and minority candidates.

Applicants are strongly encouraged to apply electronically at <http://www.mathjobs.org>.

For information about these positions and application instructions, see: <http://www.math.cornell.edu/Positions/facpositions.html>. Deadline December 1, 2008. Cornell University is an Affirmative Action/Equal Opportunity Employer and Educator.

000071

NORTH CAROLINA

NORTH CAROLINA STATE UNIVERSITY
Department of Mathematics

The Mathematics Department at North Carolina State University invites applications

for up to three tenure-track, rank-open, positions beginning Fall 2009. We seek individuals whose research focuses on interdisciplinary mathematics. Two focus areas are applications to energy and the environment. Candidates must have a Ph.D. in the mathematical sciences, a record of successful postdoctoral experience, experience in interdisciplinary research, and a commitment to effective teaching at the undergraduate and graduate levels. Senior-level applicants must demonstrate a strong record of grant support and advising of Ph.D. students. The Department of Mathematics has strong research programs in both applied and pure mathematics. Many members of the department lead interdisciplinary research programs at both the local and national levels. More information about the department can be found at: <http://www.math.ncsu.edu>.

To submit your application materials, go to: <http://www.mathjobs.org/jobs/ncsu>. Include a vita, at least three letters of recommendation, and a description of current and planned research. You will then be given instructions to go to: <http://jobs.ncsu.edu/applicants/Central?quickFind=81073> and complete a Faculty Profile for the position. Write to: email: math-jobs@math.ncsu.edu for questions concerning this position.

NC State University is an Equal Opportunity and Affirmative Action Employer. In addition, NC State welcomes all persons without regard to sexual orientation. The College of Physical and Mathematical Sciences welcomes the opportunity to work with candidates to identify suitable employment opportunities for spouses or partners. Review of applications will begin on December 1, 2008.

000051

NORTH CAROLINA STATE UNIVERSITY Department of Mathematics

The Mathematics Department at North Carolina State University invites applications for a tenure-track, rank-open, position beginning Fall 2009. We seek individuals whose research focuses on modeling in Bio-Medical Mathematics and will play an active role in the Center for Quantitative Sciences in Biomedicine (CQSB), the Center for Research in Scientific Computing (CRSC) and the Bio-Math Program. The successful candidate will be expected to quickly provide scientific vision and leadership for the new CQSB. Preference will be given to applicants that have established a successful record of grant support and advising of Ph.D. students. Candidates must have a Ph.D. in the mathematical sciences, a record of successful postdoctoral experience or equivalent, experience in interdisciplinary research, and a commitment to effective

teaching at the undergraduate and graduate levels.

The Department of Mathematics has strong research programs in both applied and pure mathematics and provides/shares leadership for CQSB, CRSC and Bio-Math. More information about the department, CQSB and CRSC can be found at: <http://www.math.ncsu.edu>.

To submit your application materials, go to <http://www.mathjobs.org/jobs/ncsu>. Include a vita, at least three letters of recommendation, and a description of current and planned research. You will then be given instructions to go to: <http://jobs.ncsu.edu/applicants/Central?quickFind=81074> and complete a Faculty Profile for the position. Write to: math-jobs@math.ncsu.edu for questions concerning this position.

NC State University is an Equal Opportunity and Affirmative Action Employer. In addition, NC State welcomes all persons without regard to sexual orientation. The College of Physical and Mathematical Sciences welcomes the opportunity to work with candidates to identify suitable employment opportunities for spouses or partners. Review of applications will begin on December 1, 2008.

000052

OHIO

OHIO STATE UNIVERSITY AT LIMA Department of Mathematics Assistant Professor of Mathematics

The Ohio State University at Lima invites applications for a full-time, tenure-track Assistant Professor of Mathematics. The appointment will be made in the Department of Mathematics at The Ohio State University and begin in September 2009.

The search committee seeks mathematicians who can make a strong commitment to the teaching, research and outreach missions of The Ohio State University. The successful candidate will have the ability to teach the courses that the Department of Mathematics offers at the undergraduate level. The standard teaching load for the successful candidate will be six courses per academic year (Ohio State is on the quarter system), reduced to five courses for the first three years of service. An ability to teach courses in Computer Science and/or Statistics, as well as remedial math courses, will be desirable. The successful candidate will show the potential to create a strong record of service and scholarly research, and a demonstrated commitment to teaching excellence is essential.

Preference will be given to hiring a tenure-line faculty member with specialization in Numerical Analysis/Integral Equations. We will also consider applicants in all other areas compatible with research interests represented by our present

faculty roster (e.g. Ring Theory, Representation Theory and Model Theory).

Candidates must have a Ph.D. in hand at the time of appointment. Salary is competitive.

The Ohio State University at Lima is one of five campuses of The Ohio State University. Current enrollment on the Lima campus is 1,400 students and there are approximately 100 full- and part-time faculty in all academic departments. Ohio State Lima offers the first two years of the Ohio State general education curriculum and ten programs leading to baccalaureate degrees. Ohio State Lima also offers Master's degree programs in Education and Social Work.

The review of applications will begin November 7, 2008, and will continue until the position is filled. Please send a cover letter, a current curriculum vita, and three letters of recommendation to:

Mathematics Search Committee
c/o Kathy Baker, Office of Human Resources
Public Service Building 222
The Ohio State University at Lima
4240 Campus Drive
Lima OH 45804

Questions should be addressed to Dr. Javad Abdalkhani at Abdalkhani.1@osu.edu.

To build a diverse workforce Ohio State encourages applications from individuals with disabilities, minorities, veterans, and women. EEO/AA employer. The Ohio State University offers a comprehensive benefit package designed to provide a variety of choices to best fit your needs. Visit <http://hr.osu.edu/benefits/> to learn more about Ohio State's benefits. Ohio State is committed to providing a work environment that is healthy, supportive, and considerate of employees' work and personal life obligations. Additional information regarding work life programs, policies, and services is available at <http://hr.osu.edu/worklife/faculty.aspx>. For additional information about the Lima campus please see <http://www.lima.osu.edu>.

000080

PENNSYLVANIA

PENN STATE Department of Mathematics Faculty Positions

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 US\$49,000 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 for two or three year terms. Applicants for the Chowla position will automatically be considered for these positions. Initial offers will be made in January 2009.

Tenure and Tenure-Track Faculty Positions:

The department is seeking to fill positions in the area of algebra/number theory although candidates from all areas of mathematics will be considered. 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 17 and will continue until positions are filled. Required application materials include:

- Online application
- 3 Reference Letters
- 1 or more letters 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 <http://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

000053

**VILLANOVA UNIVERSITY
 Department of Mathematical Sciences
 Assistant Professor**

The Department of Mathematical Sciences invites applications for a tenure-track position at the assistant professor level starting August 2009. A Ph.D. in one of the Mathematical Sciences or near completion of the doctorate is required. All areas of Mathematical Sciences will be considered. Send application letter, graduate school transcripts, CV, and three letters of recommendation to: Dr. Douglas Norton, Chair, Dept. of Mathematical Sciences, Villanova University, Villanova, PA 19085. Villanova is a Catholic university sponsored by the Augustinian order. An AA/EEO employer, Villanova seeks a diverse faculty committed to scholarship, service, and especially teaching, who understand, respect, and can contribute to the University's mission and values. Review of applications begins 12/1/2008 and continues until the position is filled. Please see the department homepage at <http://www.villanova.edu/artsci/mathematics>.

000072

SOUTH CAROLINA

**UNIVERSITY OF SOUTH CAROLINA
 Department of Mathematics
 Tenure-track Assistant Professors**

Applications are invited for two tenure-track Assistant Professor positions in Applied and Computational Mathematics. The Department seeks accomplished individuals who will strengthen and/or complement current strengths in the department and who have genuine interest in interdisciplinary research. Candidates should have completed a doctorate degree in mathematics, engineering, physics, or a computation-related field at the time of hiring and have begun to amass a substantial record in research and teaching. The beginning date for the positions is August 16, 2009, or possibly as early as January 1, 2009 for qualified candidates.

For full consideration, all supporting material should be submitted electronically through <http://www.mathjobs.org> by November 15, 2008. The supporting material should include a detailed vita with a summary of research accomplishments and goals, a completed AMS Standard Cover Sheet, and four letters of recommendation. One letter should appraise the applicant's teaching abilities. In addition, a cover letter should be submitted through <http://mathjobs.org> addressed to: Hiring Committee, Department of Mathematics, University of South Carolina, Columbia, SC 29208. The email address hring@math.sc.edu can be used for further inquiries. Information about the department can be found on the Web at: <http://www.math.sc.edu>. The University of South Carolina is an Affirmative Action, Equal Opportunity Employer. Women and minorities 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.

000063

TEXAS

**TEXAS A&M UNIVERSITY
 The Department of Mathematics**

The Department of Mathematics anticipates several openings for tenured, tenure-eligible, and visiting faculty positions beginning fall 2009. 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. Salary, teaching loads, and start-up funds are competitive. For a tenured position the applicant should have an outstanding research reputation

and would be expected to fill a leadership role in the department. An established research program, including success in attracting external funding and supervision of graduate students, and a demonstrated ability and interest in teaching are required. Informal inquiries are welcome. For an assistant professorship, we seek strong research potential and evidence of excellence in teaching. Research productivity beyond the doctoral dissertation will normally be expected. We also have several visiting positions available. 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, 2008. Early applications are encouraged since the department will start the review process in October 2008. 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: Faculty Hiring, Department of Mathematics, Texas A&M University, College Station, Texas 77843-3368. 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.

000039

**Texas A&M University
 Department of Mathematics
 IAMCS-KAUST Postdoctoral Fellowships**

The Institute for Applied Mathematics and Computational Science (IAMCS) at Texas A&M University is pleased to invite applications for its IAMCS-KAUST Postdoctoral Fellowships.

IAMCS is an interdisciplinary research institute at Texas A&M University recently named as one of the four inaugural King Abdullah University of Science and Technology (KAUST) Global Research Partner Centers. Its core members number more than two dozen faculty from the fields of Mathematics, Statistics, Computer Science, and Engineering.

Fostering collaboration and interdisciplinary research anchored in the mathematical sciences are at the heart of IAMCS's mission. To that end, IAMCS emphasizes among its activities annual research themes. Its first two annual

themes are Computational Earth Science and Computational Material Science and Engineering. IAMCS postdoctoral candidates should have demonstrated interest and involvement in interdisciplinary research, and successful candidates will be encouraged to participate in the annual theme activities and to establish research collaborations exploring theme year topics. Moreover, each fellow will be invited to establish collaborations with KAUST faculty, postdocs and students as well as all of the KAUST Global Research Partner institutions and individual investigators. This offers an unprecedented opportunity for postdoctoral fellows to join a remarkable network of leading research institutions and eminent scholars assembled through the KAUST GRP program.

KAUST is a new graduate research university being rapidly developed by the Kingdom of Saudi Arabia at a site along the Red Sea a short distance north of Jeddah. When it opens in September 2009, it will offer world class, state-of-the-art research and instructional facilities supporting its core research and graduate programs in earth sciences, materials science and engineering, biosciences, and applied mathematics and computational science. A key element in KAUST's development as a premier graduate research university is its Global Research Partnership (GRP) program. The GRP consists of its Academic Excellence Alliance Partners, Research Center Partners and Individual Research Scholar Partners.

The IAMCS-KAUST Postdoctoral Fellowships at Texas A&M University are two year appointments with the possibility of extension to a third year. The fellowship stipend is US\$50K over 12 months plus fringe benefits. Interested individuals should submit their application materials (CV, research statement, and three letters of recommendation) to the email address: email: KAUST@tam.u.edu by December 15, 2008. IAMCS intends to select up to four IAMCS-KAUST Fellows.

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

000042

UNIVERSITY OF TEXAS AT SAN ANTONIO
Mathematics Education
Associate/Full Professor

The Department of Mathematics in the College of Sciences at the University of Texas at San Antonio, a recognized, Hispanic-serving institution, invites applications for one tenured/tenure-track

position at the Associate/Full Professor level beginning Spring 2009.

Responsibilities include teaching both graduate and undergraduate courses that are offered either at the UTSA downtown campus, the 1604 campus, on public school campuses, and occasionally at night; serving on thesis and doctoral committees; conducting an active program of research; seeking grant funding; and providing service to the department, college, university, and community constituencies.

Associate/Full Professor Required Qualifications: (1) master's in Mathematics and doctorate in Mathematics Education or doctorate in Mathematics with a demonstrated record in Mathematics Education; (2) University teaching experience commensurate with position; and (3) evidence of research and publication record commensurate with position.

Associate/Full Professor Preferred Qualifications: (1) knowledge of current and emerging mathematics education methodologies, techniques, and theories; (2) university teaching and/or supervising/mentoring experience; (3) experience with instructional technology; (4) experience seeking external funding; and (5) experience in leadership roles.

Initial Screening: Qualified candidates must submit an application letter that addresses the required and preferred qualifications; current curriculum vitae; 1-2 page description of research agenda; 2-3 published, peer-reviewed articles; copies of official transcripts; names, addresses, email addresses, and telephone numbers of three references. The review of applications will begin immediately and will continue until the position is filled.

All applicants should send application materials to: Math Faculty Ad, c/o Wanda Crotty, Department of Mathematics at The University of Texas at San Antonio, One UTSA Circle, San Antonio, TX 78249, mathfacultiad@utsa.edu.

The UTSA is an Affirmative Action/Equal Employment Opportunity Employer. Women and minorities, veterans, and individuals with disabilities are encouraged to apply. Applicants who are selected for interviews must be able to show proof that they will be eligible and qualified to work in the United States. This position is pending budget approval.

000055

UTAH

UNIVERSITY OF UTAH
Department of Mathematics

The Department of Mathematics at the University of Utah invites applications for the following positions: Full-time tenure-track or tenured appointments at the level of assistant, associate, or full professor in all areas of mathematics. Special consideration will be given to candidates

in the area of statistics. Three-year Scott, Wylie, Burgess, and VIGRE Assistant Professorships, including Dual VIGRE Post Doctoral positions, depending on funding availability. Three-year Post Doctoral positions with the NSF-NIGMS grant on the Formation and Function of Physiological Gels. Please see our website at: <http://www.math.utah.edu/positions> for information regarding available positions, application requirements and deadlines. Applications must be completed through the website <http://www.mathjobs.org>. The University of Utah is an Equal Opportunity, Affirmative Action Employer and encourages applications from women and minorities, and provides reasonable accommodation to the known disabilities of applicants and employees. 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.

000067

CANADA

UNIVERSITY OF ALBERTA
Department of Mathematical and Statistical Sciences
Assistant Professor, Mathematical Physics

The Department of Mathematical and Statistical Sciences at the University of Alberta invites applications for a tenure-track position in the area of Mathematical Physics. This position is at the Assistant Professor level, but an appointment at a higher level may be possible under exceptional circumstances.

The successful candidate will have established accomplishments and outstanding promise in research, as well as a strong commitment to graduate and undergraduate teaching. We offer an excellent research environment with a normal teaching load of three courses per year. A close fit with some of the existing research being presently conducted in the department is an asset but all areas of Mathematical Physics will be considered.

Alberta is one of the leading Mathematics Departments in Canada and has strong connections with other mathematical institutes, such as the Pacific Institute for the Mathematical Sciences (PIMS), Mathematics of Information Technology and Complex Systems (MITACS), and the Banff International Research Station (BIRS). For more information about the department, please visit our website at: <http://www.math.ualberta.ca>.

Applicants must hold a Ph.D. Degree or equivalent, and submit their curriculum vitae, a research statement, a teaching profile outlining experience and/or inter-

ests, and at least three confidential letters of reference to:

Arturo Pianzola, Chair
Department of Mathematical and Statistical Sciences
University of Alberta
Edmonton, Alberta, Canada T6G 2G1

Electronic submissions should be directed to: chairsec@math.ualberta.ca. The closing date for applications is November 7, 2008, or until a suitable candidate is found. Early applications are encouraged.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

000056

**UNIVERSITY OF ALBERTA
Department of Mathematical and
Statistical Sciences
Assistant Professor, Mathematical
Finance**

The Department of Mathematical and Statistical Sciences at the University of Alberta invites applications for a tenure-track position in the area of Mathematical Finance. This position is at the Assistant Professor level, but an appointment at a higher level may be possible under exceptional circumstances.

The successful candidate will have established accomplishments and outstanding promise in research, as well as a strong commitment to graduate and undergraduate teaching. We offer an excellent research environment with a normal teaching load of three courses per year. A close fit with some of the existing research being presently conducted in the department is an asset but all areas of Mathematical Finance will be considered.

Alberta is one of the leading Mathematics Departments in Canada and has strong connections with other mathematical institutes, such as the Pacific Institute for the Mathematical Sciences (PIMS), Mathematics of Information Technology and Complex Systems (MITACS), and the Banff International Research Station (BIRS). For more information about the department, please visit our website at: <http://www.math.ualberta.ca>.

Applicants must hold a Ph.D. Degree or equivalent, and submit their curriculum vitae, a research statement, a teaching profile outlining experience and/or interests, and at least three confidential letters of reference to:

Arturo Pianzola, Chair
Department of Mathematical and Statistical Sciences

University of Alberta
Edmonton, Alberta, Canada T6G 2G1

Electronic submissions should be directed to: chairsec@math.ualberta.ca. The closing date for applications is November 7, 2008, or until a suitable candidate is found. Early applications are encouraged.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

000057

**UNIVERSITY OF ALBERTA
Department of Mathematical and
Statistical Sciences
Assistant Professor, Mathematical
Biology**

The Department of Mathematical and Statistical Sciences at the University of Alberta invites applications for a tenure-track position in the area of Mathematical Biology. This position is at the Assistant Professor level, but an appointment at a higher level may be possible under exceptional circumstances.

We seek an individual who will fit into our applied mathematics program (dynamical systems, differential equations, numerical methods, fluid dynamics, and probability), and who complements the department's existing expertise in the mathematical modeling of cell biology, ecology, epidemiology, and physiology. Candidates must have a Ph.D. degree in Mathematics or cognate discipline, an excellent research record in Mathematical Biology, strong communication and teaching skills, and leadership potential. Postdoctoral experience is normally expected.

The successful candidate will develop an independent research program, supervise graduate students, and teach at both the graduate and undergraduate levels. We offer an excellent research environment with a normal teaching load of three courses per year. For more information about the department, please visit our website at: <http://www.math.ualberta.ca>.

Candidates have the opportunity to join the Centre for Mathematical Biology and participate in its activities. For more information about the Centre for Mathematical Biology, see <http://www.math.ualberta.ca/~mathbio>.

Applicants should submit their curriculum vitae, a research statement, a teaching profile outlining experience and/or

interests, and at least three confidential letters of reference to:

Arturo Pianzola, Chair
Department of Mathematical and Statistical Sciences
University of Alberta
Edmonton, Alberta, Canada T6G 2G1

Electronic submissions should be directed to: chairsec@math.ualberta.ca. The closing date for applications is November 7, 2008, or until a suitable candidate is found. Early applications are encouraged.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. If suitable Canadian citizens or permanent residents cannot be found, other individuals will be considered.

The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

000058

**UNIVERSITY OF WATERLOO
Department of Applied Mathematics
Tenure-Track Position in
Mathematical/Theoretical Physics**

Applications are invited for a tenure-track faculty position in the Department of Applied Mathematics at the University of Waterloo, in the field of Mathematical/Theoretical Physics, to begin on or after July 1, 2009. The position is at the Assistant Professor level and salary will commensurate with experience and research record. In exceptional cases, an appointment at a higher level may be possible. We are particularly interested in applicants with expertise in the areas of gravity, quantum gravity, or cosmology. Candidates should show evidence of outstanding potential in research and should have a strong background in both mathematics and physics. We are looking for applicants with enthusiasm for the supervision of graduate students and for teaching at both the undergraduate and graduate level. Waterloo is a very active and large centre for research in Mathematical Physics. The successful applicant may be considered for an Associate Membership at the independent Perimeter Institute for Theoretical Physics (<http://www.perimeterinstitute.ca>) and/or the Institute for Quantum Computing (<http://www.iqc.ca>) at the University of Waterloo. Applicants should send a curriculum vitae, including a statement of research interests and teaching philosophy, via email to: am-positions@math.uwaterloo.ca with "MP-position" in the subject line. Applicants should also arrange to have at least three reference letters emailed to this address. Alternatively applications and reference letters can be sent to K. G.

Lamb, Chairman, Department of Applied Mathematics, University of Waterloo, Waterloo, Ontario, Canada, N2L 3G1. The deadline for receiving applications is November 30, 2008. Applications received after this date will be considered until the position has been filled.

The Department of Applied Mathematics is part of the Faculty of Mathematics, which is a major centre for research in the mathematical sciences. The Faculty also includes the Department of Pure Mathematics, the Department of Combinatorics and Optimization, the Department of Statistics and Actuarial Science, as well as the School of Computer Science. We maintain close ties with the Faculties of Science and Engineering regarding both research and teaching, and we offer a joint undergraduate program in Mathematical Physics with the Department of Physics. Further information about the department may be obtained from our webpage at: http://www.math.uwaterloo.ca/AM_Dept.

The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native peoples, and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

000061

UNIVERSITY OF WATERLOO
Department of Applied Mathematics
Tenure-Track Positions in
Quantum Information

Applications are invited for up to two tenure-track faculty positions in the Department of Applied Mathematics at the University of Waterloo, in the field of Quantum Information Theory, to begin on or after July 1, 2009. The positions are at the Assistant Professor level and salary will be commensurate with experience and research record. In exceptional cases, an appointment at a higher level may be possible. Applications in all areas of quantum information including, for example, the modeling of physical systems for quantum information processes, are encouraged. Candidates should show evidence of outstanding potential in research and should have a strong background in both mathematics and physics. We are looking for applicants with enthusiasm for the supervision of graduate students and for teaching at both the undergraduate and graduate level. Waterloo is a very active and large centre for research in Mathematical Physics. The successful applicants will be considered for an appointment as a faculty member of the Institute for Quantum Computing (<http://www.iqc.ca>) and for an Associate Membership at the independent Perimeter Institute for Theoretical Physics (<http://www.perimeterinstitute.ca>). Applicants should send a curriculum vitae, including a statement of research interests and teaching

philosophy, via email to: am-positions@math.uwaterloo.ca with "QI-position" in the subject line. Applicants should also arrange to have at least three reference letters emailed to this address. Alternatively applications and reference letters can be sent to K. G. Lamb, Chairman, Department of Applied Mathematics, University of Waterloo, Waterloo, Ontario, Canada, N2L 3G1. The deadline for receiving applications is November 30, 2008. Applications received after this date will be considered until the position has been filled.

The Department of Applied Mathematics is part of the Faculty of Mathematics, which is a major centre for research in the mathematical sciences. The Faculty also includes the Department of Pure Mathematics, the Department of Combinatorics and Optimization, the Department of Statistics and Actuarial Science, as well as the School of Computer Science. We maintain close ties with the Faculties of Science and Engineering regarding both research and teaching, and we offer a joint undergraduate program in Mathematical Physics with the Department of Physics. Further information about the department may be obtained from our webpage at: http://www.math.uwaterloo.ca/AM_Dept.

The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native peoples, and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

000062

ENGLAND

University of Warwick
Department of Mathematics
Postdoctoral Fellowships in Geometric
Analysis (2 posts)

Fixed term contracts: 36 months and 28 months, commencing October 2009. More information on the group at: <http://www.warwick.ac.uk/~maseq>. See job reference: 59718-108 at: <http://www.warwick.ac.uk/go/jobs/research>. Closing Date: December 3, 2008. The university values diversity.

000064

SINGAPORE

NATIONAL UNIVERSITY OF SINGAPORE
Department of Mathematics

The Department of Mathematics at the National University of Singapore (NUS) invites applications for tenured, tenure-track and visiting (including post-doctoral) positions at all levels, beginning in August 2009.

NUS is a research intensive university that provides quality undergraduate and

graduate education. The department of Mathematics, which is one of the largest in the university, has about 70 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 offers internationally competitive salaries with start-up grants for research. The teaching load is particularly light for young scholars, in an environment conducive to research with ample opportunities for career development.

The Department is particularly interested in, but not restricted to considering, applicants specializing in any of the following areas:

* Geometric Analysis, Algebraic Geometry, Number Theory and Automorphic Forms, and Probability

* Computational Biology, Medical Imaging, Computational Materials Science and Nanoscience

Application materials should be sent to Search Committee via email (as PDF files) to: 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>.

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