
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 with one-year terminal extension expected. The academic year runs from approximately October 1 to June 1. Instructors typically are expected to teach one course per quarter 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, 2017.

Application information: Please apply online at MathJobs.Org. You can also find information about this position at pma.caltech.edu/content/mathematics-postdoctoral-scholars. 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

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 typically 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 PhD who show strong research promise in one of the areas in which Caltech's mathematics faculty is currently active.

Deadline: January 1, 2017.

Application information: Please apply online at MathJobs.Org. You can also find information about this position at pma.caltech.edu/content/mathematics-postdoctoral-scholars. 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

Senior Postdoctoral Scholar in Mathematics

Description: There are three terms in the Caltech academic year. The fellow is typically 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 PhD who shows strong research promise in one of the areas in which Caltech's mathematics faculty is currently active.

Deadline: January 1, 2017.

Application information: Please apply online at MathJobs.Org. You can also find information about this position at pma.caltech.edu/content/mathematics-postdoctoral-scholars. 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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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 publisher reserves the right to reject any advertising not in keeping with the publication's standards. Acceptance shall not be construed as approval of the accuracy or the legality of any advertising.

The 2016 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: January 2017—October 31, 2016; February 2017—November 23, 2016; March 2017—January 2, 2017; April 2017—January 30, 2017; May 2017—March 2, 2017; June 2017—April 28, 2017.

US laws prohibit discrimination in employment on the basis of color, age, sex, race, religion, or national origin. "Positions Available" advertisements from institutions outside the US 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 US 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 US and Canada or 401-455-4084 worldwide for further information.

Submission: Promotions Department, AMS, P.O. Box 6248, Providence, Rhode Island 02904; 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.

**UNIVERSITY OF CALIFORNIA,
LOS ANGELES
Department of Mathematics
Faculty Positions 2017-18**

**Tenured/Tenure-Track positions 2017-18
(subject to administrative approval)**

The Department of Mathematics at the University of California, Los Angeles, invites applications for tenure-track or tenured faculty positions starting July 1, 2017. Outstanding candidates in all areas of mathematics may be considered.

Applicants must possess a PhD and should have outstanding accomplishments in both research and teaching. Duties include mathematical research, undergraduate and graduate teaching, and departmental and university service. Level of appointment will be based on qualifications, with appropriate salary per UC pay scales.

The department is especially interested in candidates who can contribute to the diversity & excellence of the academic community through teaching and service. Applications and supporting documentation for all positions must be submitted online via www.mathjobs.org.

Applications will be accepted until the position is filled. To guarantee full consideration, the application should be received by November 15, 2016.

Temporary Faculty Positions 2017-18

The Department of Mathematics at the University of California, Los Angeles, 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. Applicants must possess a PhD and should have outstanding accomplishments in both research and teaching. Postdoctoral Positions:

(1) E.R. Hedrick Assistant Professorships: Appointments are for three years. The teaching load is four one-quarter courses per year.

(2) Computational and Applied Mathematics (CAM) Assistant Professorships: Appointments are for three years. The teaching load is normally reduced by research funding to two one-quarter courses per year.

(3) Program in Computing (PIC) Assistant Adjunct Professorships: 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: Appointments are normally for one year, with the possibility of renewal. Strong research and teaching

background required. The teaching load is six one-quarter courses per year.

(5) RTG Assistant Adjunct Professorship in Analysis: Salary is \$59,400, and appointments are for three years. This position is limited to US citizens or permanent residents who have received a PhD within 18 months of June 1, 2017. The successful recipient will receive a summer stipend of \$10,000 for two summers and \$9,000 over three years for travel, equipment, and supplies. The teaching load is three one-quarter courses per year.

Appointments will be effective July 1, 2017, or later. Applications will be accepted until all positions are filled. For fullest consideration, all application materials should be submitted on or before November 15, 2016.

Applications and supporting documentation must be submitted online 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 www.apo.ucla.edu/policies/the-call/summary-of-procedures/summary-10-statement-of-confidentiality.

Lecturer Positions in Mathematics

The UCLA Department of Mathematics receives on an ongoing basis applications for quarter positions (Fall/Winter/Spring or for Summer Session) for Lecturers to teach undergraduate Mathematics, Financial Actuarial Mathematics, or Math Education courses. Positions are very limited and temporary. Responsibilities include lecturing, conducting office hours, writing and grading exams and supervising teaching assistants. Previous teaching experience at the college level or extensive actuary experience is required and a PhD is preferred. Applications will be accepted until all positions are filled.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: UC Nondiscrimination and Affirmative Action Policy, policy.ucop.edu/doc/4000376/NondiscrimAffirmAct.

The University of California asks that applicants complete the Equal Opportunity Employer survey for Letters and Science at the following URL: 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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**UNIVERSITY OF CALIFORNIA,
SAN DIEGO
Assistant Associate, or Full Professor,
Mathematics and Statistics**

The Department of Mathematics, within the Division of Physical Sciences at the University of California, San Diego (www.math.ucsd.edu), invites applications for up to four tenure-track positions and up to one tenured position. One of the tenure-track positions is expected to be filled in applied mathematics (including statistics), and the other positions are open to applicants from all areas of pure and applied mathematics and statistics. The tenured position is open to applicants from all areas of pure and applied mathematics and statistics with a preference for topology or a related field. All positions are subject to budgetary approval.

The University is committed to an excellent and diverse staff, faculty, and student body. Successful candidates will be evaluated on research and teaching accomplishments, as well as leadership in areas contributing to diversity, equity and inclusion.

Candidates must receive their PhD prior to their first quarter of teaching. Salary is commensurate with qualifications and based on UC pay scales. The starting date for the positions will be July 1, 2017. Review of applications will commence on November 1, 2016, and continue until the positions are filled.

Submit applications online through <https://www.mathjobs.org>.

For the Assistant Professor position apply here: <https://www.mathjobs.org/jobs/jobs/8982>.

For the Associate or Full Professor position apply here: <https://www.mathjobs.org/jobs/jobs/8999>.

EOE/AA

000045

**UNIVERSITY OF CALIFORNIA,
SAN DIEGO
Tenure-Track Faculty,
Mathematics and Statistics**

The Department of Mathematics, within the Division of Physical Sciences at the University of California, San Diego (www.math.ucsd.edu), invites applications for a tenure-track faculty position. This is a broad search that is open to applicants from all areas of pure and applied mathematics and statistics. Successful candidates must have a PhD and demonstrated potential for excellence in both teaching and research.

The University is committed to an excellent and diverse staff, faculty, and student body. Preferred candidates will have the potential for leadership in areas contributing to diversity, equity, and inclusion and will have a desire to play

a future role in helping to shape and expand the University's diversity initiatives (diversity.ucsd.edu/). We especially welcome candidates who have experience with and wish to contribute to programs that increase the access and success of underrepresented students and faculty in mathematics. Positions are subject to availability of funding.

Candidates must receive their PhD prior to their first quarter of teaching. Salary is commensurate with qualifications and based on UC pay scales. The starting date for the position will be July 1, 2017. Review of applications will commence on November 1, 2016, and continue until the position is filled.

Submit applications online through <https://www.mathjobs.org/jobs/jobs/8954>.

EOE/AA

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ILLINOIS

UNIVERSITY OF CHICAGO Department of Mathematics

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

1. L. E. Dickson Instructor: This is open to mathematicians who have recently completed or will soon complete a doctorate in mathematics or a closely related field, and whose work shows remarkable promise in mathematical research. The initial appointment is typically up to three years with the possibility of renewal. 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 the possibility for renewal and 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 MathJobs.Org. Questions may be directed to: apptsec@math.uchicago.edu. We will begin screening applications on November 1, 2016. Screening will continue until all available positions are filled. The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law. For additional information please see the University's Notice of Nondiscrimination at www.uchicago.edu/about/nondiscrimination_statement/. Job seekers in need of a reasonable accommodation to complete the application process should call 773-702-7328 or e-mail jgarza@math.uchicago.edu with their request.

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MASSACHUSETTS

BOSTON COLLEGE The Department of Mathematics

The Department of Mathematics at Boston College invites applications for tenure-track positions at the level of Assistant Professor beginning in fall 2017. We are particularly interested in candidates in geometry, topology, number theory, and representation theory, but will consider candidates in other areas. 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 PhD or equivalent in Mathematics awarded in 2015 or earlier, a record of very 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 by November 1, 2016, will be assured our fullest consideration. Please submit all application materials through MathJobs.Org. Applicants may learn more about the Department, its Faculty and its programs, and about Boston College at www.bc.edu/math. Electronic inquiries concerning these positions may be directed to math@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 Cambridge, MA

The Mathematics Department at MIT is seeking to fill positions in Pure and Applied Mathematics, and Statistics at the level of Assistant Professor or higher beginning July 2017 (for the 2017-2018 academic year, or as soon thereafter as possible). Appointments are based primarily on exceptional research qualifications. Appointees will be required to fulfill teaching duties and pursue their own research program. PhD in Mathematics or related field required by employment start date.

For more information and to apply, please visit www.mathjobs.org. To receive full consideration, submit applications by December 1, 2016. MIT is an Equal Opportunity, Affirmative Action Employer.

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY Cambridge, MA

The Mathematics Department at MIT is seeking to fill positions in Pure and Applied Mathematics, and Statistics at the level of Instructor beginning July 2017 (for the 2017-2018 academic year). Appointments are based primarily on exceptional research qualifications. Appointees will be expected to fulfill teaching duties and pursue their own research program. PhD in Mathematics or related field required by employment start date.

For more information and to apply, please visit www.mathjobs.org. To receive full consideration, submit applications by December 1, 2016. MIT is an Equal Opportunity, Affirmative Action Employer.

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TUFTS UNIVERSITY Department of Mathematics Tenure-Track Position Complex Geometry

Applications are invited for a tenure-track Assistant Professor position in Complex Geometry, including complex algebraic geometry and complex differential geometry, to begin July 1, 2017. Applicants must hold a doctorate by the beginning of the appointment, must have an active research program, must show promise of outstanding research, and must exhibit a strong commitment to excellence in teaching. Preference may be given to candidates who show potential for interaction with mathematical researchers in the department. There are also many opportunities for interdisciplinary connections with

faculty at Tufts beyond the Mathematics Department.

Applications should include a cover letter, curriculum vitae, a research statement, and a teaching statement. These documents should be submitted electronically through <https://www.mathjobs.org/jobs/jobs/9043>. In addition, applicants should arrange for three letters of recommendation to be submitted electronically on their behalf through www.mathjobs.org. If a recommender cannot submit online, we will also accept signed PDF attachments sent to loring.tu@tufts.edu or paper letters mailed to CG Search Committee Chair, Department of Mathematics, 503 Boston Ave., Tufts University, Medford, MA 02155.

Review of applications will begin on November 4, 2016, and will continue until the position is filled.

Tufts University is an Affirmative Action/Equal Opportunity Employer and is committed to increasing the diversity of its faculty. Members of underrepresented groups are strongly encouraged to apply.

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WILLIAMS COLLEGE
Tenure-Track Assistant
Professor of Mathematics

The Williams College Department of Mathematics and Statistics invites applications for two tenure-track positions in mathematics, beginning fall 2017, at the rank of assistant professor (in an exceptional case, a more advanced appointment may be considered). We are seeking highly qualified candidates who have demonstrated excellence in teaching and research and who are committed to working with an increasingly diverse student body. The teaching load is four 12-week semester courses per year and a pass-fail Winter Study class every other January. Preference will be given to candidates who will have a PhD in mathematics by September 2017. We welcome applications from members of groups traditionally underrepresented in the field.

Applicants can apply electronically at MathJobs.Org. 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 dean-faculty.williams.edu/prospective-faculty/background-check-policy.

For more information on the Department of Mathematics and Statistics, visit math.williams.edu/.

Williams College is a coeducational liberal arts institution located in the Berkshire Hills of western Massachusetts. The college has built its reputation on outstanding teaching and scholarship and on the academic excellence of its approximately 2,000 students. Please

visit the Williams College website (www.williams.edu).

Beyond meeting fully its legal obligations for nondiscrimination, Williams College is committed to building a diverse and inclusive community where members from all backgrounds can live, learn, and thrive.

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NEW JERSEY

INSTITUTE FOR ADVANCED STUDY
School of Math
Princeton, NJ 08540

The School of Mathematics at the Institute for Advanced Study has a limited number of memberships with financial support for research during the 2017-18 academic year. The School frequently sponsors special programs. However, these programs comprise no more than one-third of the memberships so that each year a wide range of mathematics is supported. Candidates must give evidence of ability in research comparable at least with that expected for the PhD degree, but otherwise can be at any career stage. Successful candidates will be free to devote themselves full time to research. About half of our members will be postdoctoral researchers within 5 years of their PhD. We expect to offer some two-year postdoctoral positions. Up to 8 von Neumann Fellowships will be available for each academic year. To be eligible for the von Neumann Fellowships, applications should be at least 5, but no more than 15 years following the receipt of their PhD. The Veblen Research Instructorship is a three-year position in partnership with the department of Mathematics at Princeton University. Three-year instructorships will be offered each year to candidates in pure and applied mathematics who have received their PhD within the last 3 years. Usually the first and third year of the instructorship will be spent at Princeton University and will carry regular teaching responsibilities. The second year is spent at the Institute and dedicated to independent research of the instructor's choice. Candidates interested in a Veblen instructorship position may apply directly at the IAS website <https://applications.ias.edu> or they may apply through MathJobs.Org. If they apply at MathJobs.Org, they must also complete the application form at <https://applications.ias.edu> but do not need to submit a second set of reference letters. Questions about the application procedure should be addressed to applications@math.ias.edu. In addition, there are also two-year postdoctoral positions in computer science and discrete mathematics offered jointly with the following institutions: The Department of Computer Science at Princeton University, www.cs.princeton.edu, DIMACS at Rutgers, The State University of New Jersey, www.dimacs.rutgers.edu

and the Simons Foundation Collaboration on Algorithms and Geometry, www.simonsfoundation.org/mathematics-and-physical-science/algorithms-and-geometry-collaboration/. School term dates for 2017-18 academic year are: term I, Monday September 25 to Friday December 22, 2017; term II, Monday January 15, 2018, to Friday, April 13, 2018. During the 2017-18 year, the School will have a special program on Locally Symmetric Spaces: Analytical and Topological Aspects. Akshay Venkatesh of Stanford University will be the Distinguished Visiting Professor. The topology of locally symmetric spaces interacts richly with number theory via the theory of automorphic forms (Langlands program). Many new phenomena seem to appear in the non-Hermitian case (e.g., torsion cohomology classes, relations with mixed motives and algebraic K -theory, derived nature of deformation rings). One focus of the program will be to try to better understand some of these phenomena. Much of our understanding of this topology comes through analysis (Hodge theory). Indeed harmonic analysis on locally symmetric spaces plays a foundational role in the theory of automorphic forms and is of increasing importance in analytic number theory. A great success of such harmonic analysis is the Arthur-Selberg trace formula; on the other hand, the analytic aspects of the trace formula are not fully developed, and variants such as the relative trace formula are not as well understood. Thus analysis on such spaces, interpreted broadly, will be another focus of the program.

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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 2017.

TENURE-TRACK ASSISTANT/TENURED ASSOCIATE/TENURED FULL PROFESSORSHIP: Subject to availability of funding, the Department expects at least two 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 a PhD and have a strong record of research accomplishments in pure or applied mathematics as well as effective teaching. The Department has hiring priorities in Discrete Mathematics, Mathematical Data Analysis, Geometry/Topology, Analysis, and Algebra. However, outstanding candidates in any field of pure or applied mathematics will be considered. The normal teaching load for research-active faculty is 2-1. Review of applications begins November 1, 2016.

HILL AND OTHER ASSISTANT PROFESSORSHIPS: These are three-year

nontenure-track, nonrenewable, Post-Doctoral appointments. Subject to availability of funding, the department expects three positions of this nature. These positions carry a reduced teaching load of 2-1 for research; candidates should have received a PhD and show outstanding promise of research ability in pure or applied mathematics as well as a capacity for effective teaching. Review of applications begins December 1, 2016.

Applicants for the above positions 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, PD, respectively). The strongly preferred way to submit the CV, references, and any other application materials is online at: <https://www.mathjobs.org/jobs>. Alternatively, the materials may be filed at the listing at <https://jobs.rutgers.edu>.

Rutgers, the State University of New Jersey, is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability, protected veteran status or any other classification protected by law.

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NORTH CAROLINA

**THE UNIVERSITY OF NORTH CAROLINA
AT GREENSBORO
Tenured/Tenure-Track
Associate Professor of Numerical PDEs**

The University of North Carolina at Greensboro (UNCG), Department of Mathematics and Statistics seeks applications for one tenured/tenure-track position in Numerical Partial Differential Equations at the Associate Professor rank beginning August 1, 2017. Candidates must hold a PhD in mathematics or a closely related discipline and have qualifications to be hired at the Associate Professor rank. Tenure may be offered at the associate professor rank depending on the selected candidate's qualifications. Competitive applicants will have research expertise that strengthens our PhD program in Computational Mathematics and be ready to direct PhD students. Successful applicants will be expected to excel in teaching, maintain a vigorous research program, seek external research funding, contribute to the interdisciplinary mission at UNCG, and educate a diverse group of undergraduate and graduate students from various background. Application materials should be submitted

electronically to www.mathjobs.org. Review of applications will begin on December 15, 2016, and will continue until the position is filled. UNCG is especially proud of the diversity of its student body which is 43 percent ethnic minority (admissions.uncg.edu/discover-about.php). UNCG has been designated as a Minority Serving Institution by the US Department of Education. We seek to attract a diverse applicant pool for this position, especially women and members of minority groups, and we are strongly committed to increasing faculty diversity. UNCG is an EOE AA/M/F/D/V employer.

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**THE UNIVERSITY OF NORTH CAROLINA
AT GREENSBORO
Tenure-Track Assistant Professor
of Computational Topology**

The University of North Carolina at Greensboro, Department of Mathematics and Statistics seeks applications for one tenure-track position in Computational Topology at the Assistant Professor rank beginning August 1, 2017. Candidates must hold (or anticipate) a PhD in mathematics or closely related area by August 1, 2017. Competitive applicants will have research expertise that strengthens our PhD program in Computational Mathematics. Successful applicants will be expected to excel in teaching, maintain a vigorous research program, seek external research funding, contribute to the interdisciplinary mission at UNCG, and educate a diverse group of undergraduate and graduate students from various backgrounds. Application materials should be submitted electronically to www.mathjobs.org. Review of applications will begin on December 15, 2016, and will be continued until filled. UNCG is especially proud of the diversity of its student body which is 43 percent ethnic minority (admissions.uncg.edu/discover-about.php). UNCG has been designated as a Minority Serving Institution by the US Department of Education. We seek to attract a diverse applicant pool for this position, especially women and members of minority groups, and we are strongly committed to increasing faculty diversity. UNCG is an EOE AA/M/F/D/V employer.

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UTAH

**THE UNIVERSITY OF UTAH
Biophysics/Neuroscience/
Chemical Biology Cluster**

Biophysics/Neuroscience/Chemical Biology Cluster, University of Utah. The proposed cluster comprises multiple tenure-track faculty positions to establish excellence in emerging interdisciplinary

fields; departmental appointments may be in Physics, Biology, Chemistry, Mathematics or Biochemistry. A major goal is to strengthen both Cellular and Molecular Neuroscience and Biophysics, as well as to link Neuroscience to the Chemical Biology of Natural Products. All candidates are expected to demonstrate the ability to develop a vigorous, competitive and well-funded research program and will be evaluated on how their research potentially contributes to the long-term goal of excellence in interdisciplinary bridge areas. Applications by investigators, both experimental and theoretical, interested in macromolecular complexes on membranes are particularly encouraged. An undergraduate track in Neuroscience and Biophysics will be established within the College of Science, and faculty hired through this cluster are expected to participate in the development and teaching of innovative courses related to this initiative. We expect to make two or more faculty appointments in the 2016-2017 academic year, with additional appointments in subsequent years. While the openings are at the Assistant Professor level, exceptional senior candidates will be considered.

Assistant Professor applicants should upload an application letter with vita, a description of proposed research, and arrange for three letters of recommendation to be sent on their behalf. Senior applicants should upload an application letter and CV. Applications should be uploaded in PDF format to utah.peopleadmin.com/postings/55718. Initial interview selections will begin on October 15, 2016, but applications submitted at a later date will be considered as needed.

The University of Utah values candidates who have experience working with students from diverse backgrounds and possess a strong commitment to improving access to higher education for historically underrepresented groups. The University of Utah is an equal opportunity/affirmative action employer and educator. Minorities, women, veterans and those with disabilities are strongly encouraged to apply. Veterans' Preference is extended to qualified veterans. Reasonable disability accommodations will be provided with adequate notice. For additional information about the University's commitment to equal opportunity and access, see www.utah.edu/nondiscrimination/.

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**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.

- Full-time tenure-track or tenured appointments at the level of Assistant, Associate, or Full Professor in all areas of statistics. These positions are part of a University-wide cluster hiring effort in statistics, with particular emphasis in mathematics, computer science, and bioengineering. Successful candidates will have strong interdisciplinary interests.
- Three-year Burgess, Tucker, and Wylie Assistant Professor Lecturer positions.
- Research Training Group (RTG) postdoctoral positions in Algebraic Geometry and Topology.

Please see our website at www.math.utah.edu/positions for information regarding available positions and application requirements. Applications must be completed through www.mathjobs.org/jobs/Utah. Review of complete applications for tenure-track positions will begin on November 1, 2016, and will continue until the positions are filled. Completed applications for postdoctoral positions received before January 1, 2017, will receive full consideration. The University of Utah is an Equal Opportunity/Affirmative Action employer and educator. Minorities, women, veterans, and those with disabilities are strongly encouraged to apply. Veterans' preference is extended to qualified veterans. Reasonable disability accommodations will be provided with adequate notice. For additional information about the University's commitment to equal opportunity and access see: www.utah.edu/nondiscrimination/.

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WASHINGTON

UNIVERSITY OF WASHINGTON Department of Mathematics

Applications are invited for one or more non-tenure-track Acting Assistant Professor positions. Each appointment is for a period of up to three years, to begin in September 2017. Applicants are required to have a PhD, or foreign equivalent, by the starting date, and to be highly qualified for undergraduate and graduate teaching and independent research.

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

applications, including recommendations, are received by December 1, 2016.

The Department of Mathematics at the University of Washington is committed to fostering a diverse and inclusive academic community. See <https://www.math.washington.edu/General/diversity.php>. We encourage applications from individuals whose backgrounds or interests align with this commitment.

University of Washington is an Affirmative Action and Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, gender expression, national origin, age, protected veteran or disabled status, or genetic information. University of Washington faculty engage in teaching, research, and service.

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CHINA

CENTER FOR APPLIED MATHEMATICS Tianjin University, China Tenured/Tenure-Track/ Postdoctoral Positions

Dozens of positions at all levels are available at the recently founded Center for Applied Mathematics, Tianjin University, China. We welcome applicants with backgrounds in pure mathematics, applied mathematics, statistics, computer science, bioinformatics, and other related fields. We also welcome applicants who are interested in practical projects with industries. Despite its name attached with an accent of applied mathematics, we also aim to create a strong presence of pure mathematics. Chinese citizenship is not required. Light or no teaching load, adequate facilities, spacious office environment, and strong research support. We are prepared to make quick and competitive offers to self-motivated hard workers, and to potential stars, rising stars, as well as shining stars. The Center for Applied Mathematics, also known as the Tianjin Center for Applied Mathematics (TCAM), located by a lake in the central campus in a building protected as historical architecture, is jointly sponsored by the Tianjin municipal government and the university. The initiative to establish this center was taken by Professor S. S. Chern. Professor Molin Ge is the Honorary Director, Professor Zhiming Ma is the Director of the Advisory Board, and Professor William Y.C. Chen serves as the Director. TCAM plans to fill in fifty or more permanent faculty positions in the next few years. In addition, there are a number of temporary and visiting positions. We look forward to receiving your application or inquiry at any time. There are no deadlines. For more information, please visit www.cam.tju.edu.cn/ or contact Ms. Debbie

Renyuan Zhang at zhangry@tju.edu.cn, telephone: 86-22-2740-5389.

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HONG KONG

THE UNIVERSITY OF HONG KONG Tenure-Track Professor/ Associate Professor/ Assistant Professor (2 posts) in the Department of Mathematics (Ref.: 201600853)

Applications are invited for two tenure-track appointments as Professor/Associate Professor/Assistant Professor in the Department of Mathematics, to commence from September 1, 2017, or as soon as possible thereafter. The appointments will initially be made on a three-year term basis, with the possibility of renewal.

The Department of Mathematics provides a solid general undergraduate education in mathematics, offers supervision in graduate study for students with a strong interest in and a capacity for mathematics, and engages in teaching and research aiming at a high international standing. Information about the Department can be obtained at www.hku.hk/math/.

Candidates in all areas of Applied Mathematics will be considered, with preference given to those working in the areas of Optimization (with applications in Big Data Science) and Scientific Computing (with applications in Financial Mathematics). The appointees will be expected to teach undergraduate and postgraduate courses, supervise research students, and also actively engage in outreach and service.

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 percent of gross income. The appointments will attract a contract-end gratuity and University contribution to a retirement benefits scheme, totalling up to 15 percent of basic salary, as well as annual leave, and medical benefits. Housing benefits will be provided as applicable.

Applicants should send a completed application form, together with an up-to-date CV containing information on educational and 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 to: scmath@hku.hk. They should also arrange for submission, to the same e-mail 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 e-mail

address as stated above. Please indicate clearly which level they wish to be considered for and the reference number in the subject of the e-mail. Application forms (341/1111) can be downloaded at www.hku.hk/apptunit/form-ext.doc and further particulars can be obtained at jobs.hku.hk/. Review of applications will start from December 1, 2016, and continue until June 30, 2017. The University thanks applicants for their interest, but advises that only candidates shortlisted for interviews will be notified of the application result.

The University is an Equal Opportunities Employer and is committed to a Non-Smoking Policy.

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**THE UNIVERSITY OF HONG KONG
Tenure-Track Professor (1 post)
in the Department of Mathematics
(Ref.: 201600852)**

Applications are invited for a tenure-track appointment as Professor in the Department of Mathematics, to commence from September 1, 2017, or as soon as possible thereafter. The appointment will initially be made on a three-year term basis, with the possibility of renewal.

The Department of Mathematics provides a solid general undergraduate education in mathematics, offers supervision in graduate study for students with a strong interest in and a capacity for mathematics, and engages in teaching and research aiming at a high international standing. Information about the Department can be obtained at www.hku.hk/math/.

Candidates in all areas of Pure Mathematics will be considered, with preference given to those working in Algebra, Representation Theory, and related areas. The appointee will be expected to teach undergraduate and postgraduate courses, supervise research students, and also actively engage in outreach and service.

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 percent of gross income. The appointments will attract a contract-end gratuity and University contribution to a retirement benefits scheme, totalling up to 15 percent of basic salary, as well as annual leave, and medical benefits. Housing benefits will be provided as applicable.

Applicants should send a completed application form, together with an up-to-date CV containing information on educational and 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 to: scmath@hku.hk. They should also arrange for submission, to the same e-mail 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 e-mail address as stated above. Please indicate clearly which level they wish to be considered for and the reference number in the subject of the e-mail. Application forms (341/1111) can be downloaded at www.hku.hk/apptunit/form-ext.doc and further particulars can be obtained at jobs.hku.hk/. Review of applications will start from December 1, 2016, and continue until June 30, 2017. The University thanks applicants for their interest, but advises that only candidates shortlisted for interviews will be notified of the application result.

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PUBLICATIONS FOR SALE

BOOKS AND A JOURNAL

Integral Equations, Wavelets, both with Student Solutions Manual, Advances in the Gibbs Phenomenon, and a Journal: Sampling Theory in Signal and Image Processing. (Visit stsip.org, Amazon and ebay). Contact: jerria12@yahoo.com.

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