

Tenure track position in Discrete Math
University of Massachusetts, Amherst

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Posted Sep. 9, 2024, set to expire Jan. 11, 2025

Job Title	Tenure track position in Discrete Math
Department	Department of Mathematics and Statistics http://www.math.umass.edu
Institution	University of Massachusetts, Amherst Amherst, Massachusetts
Date Posted	Sep. 9, 2024
Application Deadline	Nov. 1, 2024
Position Start Date	Sep. 1, 2025
Job Categories	Assistant Professor
Academic Field(s)	Mathematics/Applied Mathematics
Apply Online Here	https://www.mathjobs.org/jobs/list/25114
Apply By Email	
Job Description	

About UMass Amherst

The University of Massachusetts Amherst, the Commonwealth's flagship campus, is a nationally ranked university offering a full range of undergraduate, graduate and professional degrees. The University is located in the scenic Pioneer Valley of Western Massachusetts, and offers a rich cultural environment in a beautiful setting, far from major urban centers. In addition, the University is part of the Five Colleges (including Amherst College, Hampshire College, Mount Holyoke College, and Smith College), which adds to the intellectual energy of the region.

Job Description

The Department of Mathematics and Statistics at the UMass Amherst seeks to hire an academic-year member in Discrete Mathematics and Combinatorics, starting in Fall 2025. For this assistant professor position, we are seeking excellent candidates with a strong mathematical background; areas of interest include, but are not limited to, combinatorics (widely interpreted, including algebraic, analytic, enumerative, extremal, polyhedral and algebraic combinatorics), graph theory, coding and information theory, combinatorial optimization, and applications of combinatorics to theoretical computer science. Under exceptional circumstances, highly qualified candidates with a Ph.D. in a related field may be considered.



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The Department of Mathematics and Statistics at UMass Amherst includes dynamic groups in pure mathematics, and statistics. We have numerous faculty with interests in discrete mathematics, with research in extremal graph theory using methods from optimization and real algebraic geometry, combinatorial combinatorics, matroids, hyperplane arrangements, polytopes and q,t-Catalan numbers.

We are an R1 research university with strong grant funding and a baseline teaching load of three semesters which can be reduced through research funding buyouts. It is common for new faculty to teach two semesters for the first two years. Our tenure system faculty typically teach upper level undergraduate and graduate courses with flexibility to create courses of our choosing. The Pioneer Valley is a wonderful place to live and UMass Amherst is helping to resolve two body problems. We have excellent benefits including a generous state pension and a sabbatical leave program. Faculty contracts are collectively bargained via a union that is part of the Massachusetts

Requirements

Applicants must present strong evidence of research accomplishments and promise in both research and teaching. Applicants are required to have a Ph.D. in Mathematics or a related field by the time of appointment.

Additional Information

Along with the application, please submit the following: a cover letter, curriculum vitae, description of research interests, about teaching experience and interests, a statement on contributions to inclusive excellence (see below for details), and a letter of recommendation (at least one letter must also address the applicant's effectiveness as a teacher).

Please submit materials online to Mathjobs: <https://www.mathjobs.org/jobs>

Review of applications will begin on **November 1, 2024**

and continue until the position is filled. Questions about the position should be directed to the chair of the Search Committee, Professor Annie Raymond annieraymond@math.umass.edu. For more information about the application process, contact David Rodriguez, davdrodrigu@umass.edu.

At UMass Amherst and in CNS, we strive to be a community where every individual feels a sense of belonging, where every individual is included, and where every individual is valued. You can find these values and goals here: <https://www.umass.edu/strategicplan/strategic-plan>

). For this reason, we request that all applicants submit a Contributions to Inclusive Excellence Statement that addresses how you see yourself contributing to our community and our shared goals of building a more inclusive, equitable, and diverse community. Please see www.umass.edu/natural-sciences/diversity-equity-and-inclusion for more details.

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EEO/AA Policy

UMass Amherst is committed to a policy of equal opportunity without regard to race, color, religion, gender, gender identity or expression, age, sexual orientation, national origin, ancestry, disability, military status, or genetic information in employment, admission to and participation in academic programs, activities, and services, and the selection of vendors who provide services or products to the University. To fulfill that policy, UMass Amherst is further committed to a program of affirmative action to eliminate or mitigate artificial barriers and to increase opportunities for the recruitment and advancement of qualified minorities, women, persons with disabilities, and covered veterans. It is the policy of the UMass Amherst to comply with the applicable federal and state statutes, rules, and regulations concerning equal opportunity and affirmative action.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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