

Tenure track position in Machine Learning  
University of Massachusetts, Amherst

Direct Link: <https://www.AcademicKeys.com/r?job=244563>

Downloaded On: Dec. 4, 2024 3:42am

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

<b>Job Title</b>	Tenure track position in Machine Learning
<b>Department</b>	Department of Mathematics and Statistics <a href="http://www.math.umass.edu">http://www.math.umass.edu</a>
<b>Institution</b>	University of Massachusetts, Amherst Amherst, Massachusetts
<b>Date Posted</b>	Sep. 9, 2024
<b>Application Deadline</b>	Nov. 1, 2024
<b>Position Start Date</b>	Sep. 1, 2025
<b>Job Categories</b>	Assistant Professor
<b>Academic Field(s)</b>	Statistics & Actuarial Science Mathematics/Applied Mathematics
<b>Job Website</b>	<a href="https://www.mathjobs.org/jobs/list/25113">https://www.mathjobs.org/jobs/list/25113</a>
<b>Apply Online Here</b>	<a href="https://www.mathjobs.org/jobs/list/25113">https://www.mathjobs.org/jobs/list/25113</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

## About UMass Amherst

The University of Massachusetts Amherst, the Commonwealth's flagship campus, is a nationally ranked institution offering a full range of undergraduate, graduate and professional degrees. The University sits on near the Pioneer Valley of Western Massachusetts, and offers a rich cultural environment in a bucolic setting. In addition, the University is part of the Five Colleges (including Amherst College, Hampshire College, and Smith College), which adds to the intellectual energy of the region.

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### **Job Description**

The Department of Mathematics and Statistics at the UMass Amherst seeks to hire an academic-year in Machine Learning, starting in Fall 2025. For this assistant professor position we are seeking top candidates with a strong mathematical background, working in areas ranging from the mathematical and statistical foundation of machine learning, uncertainty quantification and scientific machine learning. Under exceptional circumstances, highly qualified candidates may receive consideration. We welcome all applications, and encourage applications from candidates who are traditionally underrepresented in the mathematical sciences.

The Department of Mathematics and Statistics at UMass Amherst includes dynamic groups in pure mathematics, statistics, and statistics. A successful candidate will enhance the Department's nationally recognized research program in machine learning and related fields, including deep learning, generative modeling, uncertainty quantification, optimization, transport, information theory, Bayesian methods, inference, inverse problems, numerical analysis, and more. We are an R1 research university with strong grant funding and a baseline teaching load of three semesters per year, which is reduced through research funding buyouts. It is common for new faculty to teach two semester courses per year. Our tenure system faculty typically teach upper level undergraduate and graduate courses, with flexibility in course selection. The Pioneer Valley is a wonderful place to live, and UMass is also interested in helping to resolve two of the most common concerns of faculty: benefits including a generous state pension system and parental leave program. Faculty contracts are for three years, that is part of the Massachusetts Society of Professors.

### **Requirements**

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

### **Additional Information**

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Along with the application, please submit the following: a cover letter, curriculum vitae, description of teaching experience and interests, a statement on contributions to inclusive excellence (see below for more information), 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 Markos Katsoulakis, [markos@umass.edu](mailto:markos@umass.edu). For more information about the application process, contact David Rodriguez, [davdrodrigu@umass.edu](mailto: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>

(see <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](http://www.umass.edu/natural-sciences/diversity-equity-and-inclusion)) for more details.

### **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.

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**Contact Information**

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

**Contact**

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