

Biological Engineering and Data Science, Machine
Learning and AI, Tenure-Track
Massachusetts Institute of Technology

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Posted Nov. 13, 2025, set to expire Dec. 15, 2025

Job Title	Biological Engineering and Data Science, Machine Learning and AI, Tenure-Track
Department	Biological Engineering and Institute for Data, Systems, and Society http://idss.mit.edu
Institution	Massachusetts Institute of Technology Cambridge, Massachusetts
Date Posted	Nov. 13, 2025
Application Deadline	Dec. 15, 2025
Position Start Date	Jul. 1, 2026
Job Categories	Assistant Professor
Academic Field(s)	Biomedical Engineering & Bioengineering Computer Science
Job Website	https://school-of-engineering-faculty-search.mit.edu/idss-be/register.tcl

Apply By Email

Job Description

The Department of Biological Engineering (BE) and the Institute for Data, Systems, and Society (IDSS) at the Massachusetts Institute of Technology (Cambridge, Massachusetts) seek applicants for a tenure-track position at the Assistant Professor level, effective July 1, 2026, or some other mutually agreeable date thereafter. Rank will be determined based on qualifications and experience.

We welcome outstanding applicants developing novel methods in statistics, data science, machine learning, and artificial intelligence to enable discovery and innovation in biological engineering. We are

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especially interested in work that engages molecular and cellular systems in areas including medicine, agriculture, chemicals, materials, and novel applications of engineering biology.

The successful candidate will be a faculty member at the Department of Biological Engineering and a Core Member at IDSS. Successful applicants are expected to share our commitment to undergraduate and graduate education by teaching courses in Biological Engineering and related subjects at the undergraduate and graduate levels, advising students, conducting original scholarly research and developing course materials at the graduate and undergraduate levels.

Candidates are expected to have had formal graduate training and research focus in statistics, data science, machine learning or artificial intelligence (as evidenced by thesis/dissertation topic and their publication record), and hold a PhD (or equivalent terminal degree) in the field of biological engineering, biology, statistics, computer science, mathematical sciences, biophysics, chemical engineering or a related field by the start of employment.

The pay range for a 9-month academic appointment at the entry-level Assistant Professor rank (excluding summer salary): \$140,000 - \$150,000. The pay offered to a selected candidate during hiring will be based on factors such as (but not limited to) the scope and responsibilities of the position, the candidate's work experience and education/training, internal peer equity, and applicable legal requirements. This pay-range represents base pay only and does not include any other benefits or compensation.

Complete applications should be received by 15 December 2025. Applications should include a cover letter, curriculum vitae that includes the applicant's publication list, research statement (including expected impact), teaching statement, as well as the names and titles of three reference letter writers.

Applications must be submitted in pdf format at <https://school-of-engineering-faculty-search.mit.edu/idss-be/register.tcl> . It is the responsibility of the candidate to arrange for the three reference letters to be uploaded at <https://faculty-searches.mit.edu/letters/> by December 15, 2025. Applications will be considered complete only when both the applicant materials and three letters of recommendations are received.

Employment is contingent upon the completion of a satisfactory background check, including possible verification of any findings of misconduct (or pending investigations) from prior employers.

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See MIT's full policy on nondiscrimination (<https://policies.mit.edu/policies-procedures/90-relations-and-responsibilities-within-mit-community/92-nondiscrimination>). Know your rights
https://www.eeoc.gov/sites/default/files/2022-10/EEOC_KnowYourRights_screen_reader_10_20.pdf

Contact Information

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

Contact