

Open Rank Position in Experimental High Energy Physics
(tenure-track/tenured)
Tufts University

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Posted Sep. 17, 2025, set to expire Jan. 29, 2026

Job Title	Open Rank Position in Experimental High Energy Physics (tenure-track/tenured)
Department	School of Arts & Sciences: Physics & Astronomy
Institution	Tufts University Medford, Massachusetts
Date Posted	Sep. 17, 2025
Application Deadline	Open until filled
Position Start Date	September 2026
Job Categories	Associate Professor Professor Assistant Professor Graduate Student
Academic Field(s)	Physics - General
Job Website	https://apply.interfolio.com/174045

Apply By Email

Job Description

The Department of Physics and Astronomy at Tufts University (Medford, MA, USA; <https://as.tufts.edu/physics>) invites qualified candidates to apply for a tenure-stream professorship position at the Assistant, Associate, or Full Professor level in the field of experimental High-Energy Physics (HEP) at the Energy Frontier. The successful candidate will join the Tufts ATLAS group and assume teaching duties and service, with a target start date of September 1, 2026. We encourage candidates with demonstrated excellence in research, teaching, mentoring, and community development to apply. The Tufts Physics and Astronomy Department consists of seventeen tenured or tenure-track faculty and has strong research programs in High Energy Physics, condensed matter

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physics, cosmology, quantum information, astrophysics, and physics education research. The HEP group conducts active and well-funded research consisting of LHC collider and accelerator-based neutrino programs that provide research opportunities to undergraduates and graduate students. Current activities of the Tufts-in-ATLAS group include maintenance, operation, and development of the muon end-cap alignment system, QCD precision measurements, searches for dark matter, and development of AI algorithms applied to various aspects of data analysis in HEP.

Qualifications

To qualify for the position, the candidate must have a Ph.D. in experimental High Energy Physics at the Energy Frontier with strong experience in analyzing Large Hadron Collider data. We expect the candidate to generate research grants after arrival at Tufts. The successful candidate will supervise graduate-student thesis research for the Ph.D. and M.S. degrees, and undergraduate senior honors thesis projects. The Department of Physics & Astronomy places a strong value in educational excellence, so candidates should show promise in teaching undergraduate and graduate physics courses and a commitment to evidence-informed development as a teacher. For an appointment at the tenured level, prior experience in teaching is essential, and evidence of innovation in teaching is welcomed.

Application Instructions

All applications are submitted via Interfolio, at apply.interfolio.com/174045. Applicants should submit a cover letter, a curriculum vitae with publications, a research plan, a statement of teaching and mentoring philosophy, and must arrange for at least three confidential letters of reference to be directly uploaded to Interfolio. Neither the research plan nor the teaching statement should exceed 3 pages. For full consideration, applications should be submitted by November 15, 2025. However, applications received after that date will be considered until the position is filled.

Please contact the department manager, Elizabeth Hammond (email: Elizabeth.Hammond@tufts.edu), with any questions. All offers of employment are contingent upon the completion of a background check.

EEO/AA Policy

Tufts University, founded in 1852, prioritizes quality teaching, highly competitive basic and applied

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research, and a commitment to active citizenship locally, regionally, and globally. Tufts University is an Equal Opportunity Employer. See the University's Non-Discrimination statement and policy here <https://oeo.tufts.edu/policies-procedures/non-discrimination/>. If you are an applicant with a disability who is unable to use our online tools to search and apply for jobs, please contact us by calling the Office of Equal Opportunity (OEO) at 617-627-3298 or at oeo@tufts.edu. Applicants can learn more about requesting reasonable accommodations at <https://oeo.tufts.edu/>

Contact Information

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

Contact

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