

Open Rank Position in Theoretical Quantum
Computing/Quantum Information (tenure-track/tenured)
Tufts University

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Posted Nov. 6, 2025, set to expire Mar. 21, 2026

Job Title	Open Rank Position in Theoretical Quantum Computing/Quantum Information (tenure-track/tenured)
Department	School of Arts & Sciences: Physics & Astronomy https://as.tufts.edu/physics
Institution	Tufts University Medford, Massachusetts
Date Posted	Nov. 6, 2025
Application Deadline	Open until filled
Position Start Date	Fall 2026
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Physics - General
Job Website	https://apply.interfolio.com/177281

Apply By Email

Job Description

The Department of Physics & Astronomy at Tufts University (Medford, MA, USA; <https://as.tufts.edu/physics>) invites qualified candidates to apply for a tenure-stream Faculty position at the Assistant, Associate, or Full Professor level in the field of theoretical Quantum Computing/Quantum Information. The successful candidate will join the department 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

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matter physics, cosmology, astrophysics, and physics education research. Possible subfields include analog and digital quantum simulation, quantum optimization, quantum thermodynamics, quantum sensing, the physics of quantum devices, open quantum systems, quantum error correction and quantum algorithms. The successful candidate will join a thriving quantum ecosystem at Tufts with abundant opportunities to collaborate with other quantum researchers in mathematics, chemistry, computer science and electrical and computer engineering.

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.

Tufts University is committed to providing competitive and equitable compensation that reflects each candidate's experience, expertise, responsibilities, and performance. The pay offered within the posted range will be determined based on a variety of factors such as (but not limited to) the individual's education and experience, discipline, rank, internal equity, and budgetary considerations. Ranges represent full-time 9- or 12- month base salaries.

Qualifications

To qualify for the position, the candidate must have a Ph.D. in physics with a demonstrated research profile in quantum computing or quantum information. 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 professional 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 <https://apply.interfolio.com/177281>. 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 December 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

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EEO/AA Policy

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