

Assistant Professor of Physics, Tenure-Track
Worcester Polytechnic Institute

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Posted Apr. 15, 2025, set to expire Jul. 3, 2025

Job Title	Assistant Professor of Physics, Tenure-Track
Department	
Institution	Worcester Polytechnic Institute Worcester, Massachusetts
Date Posted	Apr. 15, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Physics - General
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Job Description

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JOB TITLE

Assistant Professor of Physics, Tenure-Track

LOCATION

Worcester

DEPARTMENT NAME

Physics Department

DIVISION NAME

Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

Assistant Professor of Physics, Tenure-Track Worcester Polytechnic Institute

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The Physics Department at Worcester Polytechnic Institute invites applicants for a full-time tenure-track faculty position at the rank of Assistant Professor to begin in the Fall of 2025. We are seeking candidates within the broad areas of computational or theoretical physics that would complement our department. Responsibilities for this position include establishing an active externally funded research program, teaching undergraduate and graduate courses, advising and mentoring undergraduate and graduate projects, and serving WPI and its connected communities.

WPI is a diverse campus of learners passionate about creating an inclusive workplace that promotes and values diversity. We are looking for candidates who can support our commitment to equity, diversity, and inclusion.

JOB DESCRIPTION

The successful applicant is expected to develop a robust, externally funded research program while contributing to the educational and research missions of the Physics Department and WPI that include project-based learning, a focus on undergraduate research, and active K-12 outreach. The candidate's research should complement current research strengths and facilities at WPI and support the Physics and Applied Physics PhD programs. Programs and research interests of current faculty include quantum sensing, quantum information science, ultrafast optical and THz spectroscopy, nuclear and plasma science, soft matter and biophysics, photonic integrated circuits, physics education research, nanoscience, astrophysics, and data science/ML/AI. The department's webpage can be found at <https://www.wpi.edu/+physics>. Applicants should have a Ph.D. in Physics or a closely related field, a strong scholarship record, and a strong potential for excellence in teaching.

WPI, founded in 1865, is one of the nation's oldest technological universities. WPI is a highly selective private university with an undergraduate student body of over 5,500 and 2,600 full-time and part-time graduate students enrolled in over 50 Bachelor's, Master's, and Ph.D. programs. Its innovative project-enriched curriculum engages students and faculty in real-world problem-solving, often at one of WPI's global project centers. At WPI the boundaries to multidisciplinary collaboration are low-faculty members, students, and other partners work together on the real-world projects and purposeful research that are hallmarks of the WPI experience. We are proud of a No. 1 ranking for "faculty who best combine research and teaching." (Wall Street Journal/Times Higher Ed, 2016). Located one hour west of Boston, the university's campus is in Worcester, Massachusetts, a thriving 21st-century college city recognized as a growing hub of scientific and technological innovation.

Applicants should submit: 1) Cover letter 2) Curriculum vitae that includes a complete publication list 3) Teaching experiences and plans 4) Research experiences and plans 5) A statement that addresses

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how the candidate would contribute to an inclusive and supportive environment 6) Contact information for at least three references.

The search committee is especially interested in candidates who, through their research, teaching, and service, will contribute to the diversity, inclusive atmosphere, and excellence of the WPI academic communities. Questions can be addressed to physics@wpi.edu. The review of applications will begin on January 13, 2025, and continue until the position is filled.

FLSA STATUS

United States of America (Exempt)

WPI is an Equal Opportunity Employer that actively seeks to increase the diversity of its workplace. All qualified candidates will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, national origin, veteran status, or disability. It seeks individuals with diverse backgrounds and experiences who will contribute to a culture of creativity, collaboration, inclusion, problem solving, innovation, high performance, and change making. It is committed to maintaining a campus environment free of harassment and discrimination.

To apply, visit: https://wpi.wd5.myworkdayjobs.com/en-US/WPI_External_Career_Site/job/Worcester/Assistant-Professor-of-Physics--Tenure-Track_R0003025

About WPI

WPI is a vibrant, active, and diverse community of extraordinary students, world-renowned faculty, and state of the art research facilities. At WPI, we have competitive and comprehensive benefits, including health insurance, long-term care, retirement, tuition assistance, flexible spending accounts, work-life balance and much more.

Diversity & Inclusion at WPI

WPI is committed to creating an inclusive workplace where everyone feels valued and respected; a place where every student, faculty and staff member can be themselves, so that they can study, live, and work comfortably, to reach their full potential, and make meaningful contributions in order to meet departmental and institutional goals. WPI thrives on innovative practice and welcomes diverse perspectives, insight, and people from diverse lived experiences, to enhance the community environment and propel the institution to the next level in a competitive, global marketplace.

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Contact Information

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

Contact

N/A

Worcester Polytechnic Institute

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