

Assistant Professor
Worcester Polytechnic Institute

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Posted Oct. 10, 2024, set to expire Feb. 6, 2025

Job Title	Assistant Professor
Department	
Institution	Worcester Polytechnic Institute Worcester, Massachusetts
Date Posted	Oct. 10, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Mechanical Engineering
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Job Description

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JOB TITLE

Assistant Professor

LOCATION

Worcester

DEPARTMENT NAME

Robotics Engineering Department

DIVISION NAME

Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

Assistant Professor Worcester Polytechnic Institute

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The WPI Robotics Engineering (RBE) Department (www.wpi.edu/+RBE) invites applications for a tenure-track faculty position.

Candidates should have a Ph.D. in Robotics, Computer Science, Electrical and Computer Engineering, Mechanical Engineering, or a closely related field. Candidates with expertise in robot learning and AI, perception, soft robotics, manipulation, and human-robot interaction are particularly encouraged to apply. In this position the candidate will have the opportunity to complement, expand, and synergize with our existing research foci in perception-based motion planning and control, manipulation, human-robot interaction, multi-robot systems, soft robots, medical and assistive robotics, and human augmentation. We are looking for individuals who value innovation, creativity, diversity, inclusion, and collaboration. We especially encourage applications from women and underrepresented groups. Applicants must show potential for or accomplishments in an innovative and sustainable research and teaching career. WPI expects faculty to be involved in a balance of research, teaching, and service.

JOB DESCRIPTION

WPI Robotics Engineering Department is the first-of-its-kind department in the nation with a vision to be an exemplary multidisciplinary center of education, research, and innovation in robotics. It is built on an ABET-accredited Robotics Engineering program. RBE counts ~760 undergraduate and graduate students and offers robotics engineering BS, MS, and Ph.D. degrees. In 2016 the Robotics Engineering program was awarded the inaugural ABET Innovation Award for its truly interdisciplinary, project-based curriculum that integrates Computer Science, Electrical and Computer Engineering, and Mechanical Engineering. The department has 19 faculty members and 20+ affiliated faculty members. Our faculty has research support from NSF, NIH, AFRL, Army, ONR, NASA, DARPA, and industry funding. The department just moved to a new building at the center of WPI campus in January 2022. Our robotics laboratories include numerous and diverse robotic platforms. In addition to existing robotics facilities, faculty will have access to PracticePoint, a first-rate healthcare robotics R&D facility. We expect the new faculty member to contribute to the exceptionally close-knit, collaborative, and collegial atmosphere we currently enjoy.

WPI's reputation as a rigorous and innovative university rests on the shoulders of its faculty. A highly selective, private technological university and one of the nation's first, WPI believes that when great minds work together, great advances follow. 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. Located one hour west of Boston, the university campus is in Worcester, Massachusetts. The second largest city in New England, Worcester is a thriving 21st century college city recognized as a growing hub of scientific and technological

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innovation.

Applicants should submit a recent curriculum vitae including a complete publication list, separate statements summarizing teaching and research experiences, interests, leadership (particularly in robotics), and diversity, and names and email addresses of at least three references. Applications should be received by December 1, 2024. Applications will be reviewed as they are received; therefore, applicants are encouraged to apply early.

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_R0002977-1

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

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