

Peura Professorship, Biomedical Engineering Worcester Polytechnic Institute

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Posted Apr. 15, 2024, set to expire Jul. 4, 2024

Job Title	Peura Professorship, Biomedical Engineering
Department	Biomedical Engineering
Institution	Worcester Polytechnic Institute Worcester, Massachusetts
Date Posted	Apr. 15, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professor
Academic Field(s)	Bioengineering (all Bio-related fields)
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Job Description

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JOB TITLE

Peura Professorship, Biomedical Engineering

LOCATION

Worcester

DEPARTMENT NAME

Biomedical Engineering Department

DIVISION NAME

Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

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Worcester Polytechnic Institute invites applications for the endowed Robert and Carol Peura Professorship in Biomedical Engineering (BME). This prestigious professorship, the first of its kind in BME, will be made at the Associate or Full Professor level. The WPI Department of Biomedical Engineering (www.wpi.edu/+BME) delivers a vibrant ABET-accredited undergraduate BME program with approximately 500 undergraduate and 70 graduate students pursuing BS, MS, MEng, and Ph.D. degrees. Our collegial and diverse faculty work collaboratively in providing exceptional teaching and mentoring in the context of progressive interdisciplinary research to solve some of the most complex societal problems. The BME Department is housed in the WPI Life Sciences and Bioengineering Center at Gateway Park (www.wpi.edu/Admin/LSBC/index.html), a state-of-the-art, mixed-use research facility. WPI's campus is located in Worcester, Massachusetts, a thriving 21st century college city recognized as a growing hub of scientific and technological innovation about one hour west of Boston. WPI also has a joint Ph.D. program with the University of Massachusetts Medical School, located 2 miles from WPI, which offers additional research opportunities with over 30 biomedical research clusters.

WPI is 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

Outstanding applicants with research and teaching interests and a Ph.D. in any area of BME or related discipline are welcome to apply. Areas of special interest to the department include neuroengineering, biomedical robotics, biomedical artificial intelligence, medical systems biology, additive biomanufacturing and nanotechnology-based biosensing. Ideal candidates will have interests that are complementary to, or synergistic with, the department's existing research strengths (biomechanics, biomaterials, biosensors, regenerative medicine, tissue engineering, robotic surgery, advanced biomanufacturing, and bioMEMs), and will value innovation, creativity, diversity, inclusion, and collaboration. Applicants must have a demonstrated record of outstanding research, excellent teaching, and established leadership. BME faculty members are expected to effectively balance research, teaching, and service, including mentoring student projects at the undergraduate, Masters and doctoral levels.

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 collaboratively on real-world projects and purposeful research that are hallmarks of the WPI experience. Our department and institute are

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committed to creating an inclusive workplace where everyone feels valued and respected; a place where every student, faculty and staff member can be themselves, irrespective of their race, class, gender, or sexual orientation, so that they can study, live, and work comfortably to reach their full potential and make meaningful contributions to meet personal, departmental, and institutional goals.

Applicants should submit a curriculum vitae, separate teaching and research statements - each elucidating experience, interests, and leadership - a diversity statement, and the names and email addresses for five references. Please direct queries to gr-bme-faculty-search@wpi.edu .

WPI requires employees to be fully-vaccinated (including a booster shot) for COVID-19. For additional information on WPI's response to COVID-19, refer to <https://www.wpi.edu/we-are-wpi>

FLSA STATUS

United States of America (Exempt)

WPI is an Equal Opportunity Employer. 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. We are seeking individuals with diverse backgrounds and experiences who will contribute to a culture of creativity and collaboration, inclusion, problem solving and change making.

To apply, visit: https://wpi.wd5.myworkdayjobs.com/en-US/WPI_External_Career_Site/job/Worcester/Peura-Professorship--Biomedical-Engineering_R0001835

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

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environment and propel the institution to the next level in a competitive, global marketplace.

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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