Teaching Faculty Position in Biomedical Engineering
Worcester Polytechnic Institute

The Department of Biomedical Engineering (BME) (www.wpi.edu/+BME) invites applications for a full-time non-tenure-track faculty at the Teaching Professor (all ranks) or Professor of Practice Level.

Candidates for Assistant Teaching Professor should have a Ph.D. in BME, Bioengineering, Mechanical Engineering, Electrical Engineering, Data Science, Robotics or a closely related field. Candidates for Instructor or Professor of Practice should have the minimum of an M.S. degree and significant industrial experience. We are looking for individuals who value innovation, creativity, diversity, inclusion, and collaboration.

The successful candidate will instruct selected biomedical engineering courses and advise student-led team projects depending on the specific needs of the department and area of the candidate's expertise. In particular, there are needs in the areas of: **Data Analysis (AI/Machine Learning), programming (Matlab/Labview/Python), Medical Robotics/Sensors.** Teaching faculty also have the opportunity to advise our **innovative Major Qualifying Projects** where teams of students complete their capstone design projects individually mentored by BME faculty. Teaching faculty contribute to continuous curriculum improvement, ABET accreditation developing new educational initiatives, and service to the university and their profession. Submission of grant proposals focused on engineering education are strongly encouraged, and there are opportunities for laboratory research as well.

The Department of Biomedical Engineering delivers a vibrant ABET-accredited undergraduate BME program with approximately 450 undergraduate and 70 graduate students pursuing BS, MS, MEng, and Ph.D. degrees. **WPI, and BME in particular, is committed to a project-based learning approach throughout the curriculum.** 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 and ten minutes from the UMass Medical School.

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. Our department and institute are 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 in order to meet departmental and institutional goals. Analogous to the tenure track, WPI offers non-tenure-track faculty **opportunities for promotion** to the rank of Associate and Full Teaching Professor.

Applicants should submit a curriculum vitae, a teaching statement, a statement regarding contributions to diversity, and names and email addresses for at least five references. Please apply here. Please direct queries to the chair of the search committee, Kris Billiar (kbilliar@wpi.edu).

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.