



# Rensselaer

## Tenure-track/tenured Faculty Openings in Biomedical Engineering

The Department of Biomedical Engineering (BME) at Rensselaer Polytechnic Institute (RPI) in Troy, NY invites applications for two tenure-track/tenured faculty positions at the Assistant or Associate Professor levels. We seek passionate individuals with demonstrated potential to establish a strong externally funded research program in biomedical engineering and contribute to the teaching mission of the department. Specific areas of interest for the department are immunoengineering, neuroengineering, stem cell bioengineering, and organ-on-a-chip/organoid research. However, outstanding applications in other areas will also be considered. Candidates must have a Ph.D., or foreign degree equivalent, in Biomedical Engineering or a closely related discipline. All degree requirements must be complete at the time of appointment. Candidates for the rank of Assistant Professor must exhibit, through their accomplishments, promise of future distinction in research, scholarship, and education. Candidates for the rank of Associate Professor must possess a record of excellence in scholarship as demonstrated by an emerging national and/or international reputation and a significant funding record, high quality educational activities, including teaching and advising, and a significant level of service to their department, institute, and the profession.

The BME department is one of the oldest programs of its kind in the country. The department has 13 tenure-track/tenured faculty members, 6 non-tenure track faculty members, and over 350 undergraduate and 60 graduate students. Research expenditures are consistently over \$400k per faculty per year, the department is home to six NSF Career award winners, an NAE member, a recipient of a NIH DP2 award, and two NIH T32 training grants. Almost all tenured faculty are fellows in their respective professional societies and hold editorial positions in top tier journals. Current research areas in the department are Biofabrication and Biomanufacturing, Biomedical Imaging and Image Analytics, Biomolecular Science and Engineering, Musculoskeletal Biomechanics and Mechanobiology, Systems Biology and Health Care Analytics, and Tissue Engineering and Regenerative Medicine. The successful candidate will be expected to teach undergraduate and graduate courses in the BME curriculum, develop and maintain a robust program of externally sponsored research, and participate in service activities of the BME Department, the School of Engineering, and Rensselaer.

Rensselaer offers world-class research facilities and an atmosphere promoting interdisciplinary collaboration. The 218,000 square foot Center for Biotechnology and Interdisciplinary Studies contains staff-supported core facilities. The \$100M Center for Computational Innovation provides the fastest supercomputer found at a private university. The Biomedical Engineering Department has long-standing collaborative relationships with Albany Medical College and the Icahn School of Medicine at Mount Sinai, including the recently established joint Center for Engineering and Precision Medicine.

Rensselaer Polytechnic Institute is a private research university in Troy, New York, situated at the confluence of the Hudson and Mohawk Rivers. Founded in 1824, it is the first and the oldest technological university in the English-speaking world. Troy is part of the greater capital region of New York, which also includes Albany, Schenectady, and Saratoga. It enjoys the convenience of a metropolis in a tranquil and bucolic setting.

To apply, interested individuals must send a cover letter, curriculum vitae, a statement of research accomplishments and goals (no more than three pages), a one-page description of teaching interests, a diversity statement, contact information, and minimum of three professional references. Please put the material in a single PDF document addressed to the Faculty Search Committee, and send to the departmental e-mail address [bme@rpi.edu](mailto:bme@rpi.edu) with the subject line: BME Faculty Position. Applications will be accepted until the position is filled. Informal meetings between BME faculty and applicants may be arranged at society conferences.

*We welcome candidates who will bring diverse intellectual, geographical, gender and ethnic perspectives to Rensselaer's work and campus communities.*

*Rensselaer Polytechnic Institute is an Affirmative Action/Equal Opportunity, Race/Gender/Veterans/Disability Employer.*

**Website:** [bme.rpi.edu](http://bme.rpi.edu)