University of Rochester, Department of Biomedical Engineering  
Job Title: Senior Laboratory Engineer, Full Time  
Job ID: 185181

The Department of Biomedical Engineering at the University of Rochester is seeking a Biomedical/Electrical Engineer who is a passionate teacher/instructor/mentor to work in technical engineering laboratory settings to guide students and teaching assistants in biomedical engineering courses.

The successful candidate is expected to (with general assistance from teaching faculty) take a lead role in developing and delivering hands-on laboratory components of biomedical engineering classes, including but not limited to:

- Design and testing new approaches and methods for laboratory exercises to ensure laboratory teaching is in line with class work. Ensuring systems analysis, feasibility analysis, instrumentation design, etc. remains in line with class work.
- Attend lab sections and foster an active learning environment
- Consult and brainstorm with students enrolled in Sr. Design; supervise students throughout entire design process, including assisting with initial product design ideas, feasibility of design and prototype functionality, assisting with testing plans and evaluation strategies
- Developing and delivering short BME courses in the summer to pre-college scholars
- Developing and delivering practical demonstrations of biomedical engineering to be presented in classes and during departmental open houses
- Ensuring purchases of all necessary materials for laboratory classrooms exercise; review textbooks and related curriculum resources materials and provide recommendations for updating as needed
- Ensuring all equipment in core facilities and teaching labs are maintained; makes recommendations for replacement when needed; designs and fabricates in-house equipment builds as necessary

The successful candidate with have: a Bachelor’s degree in Biomedical Engineering or related field plus 3 – 5 years experience; proven ability to interact with students and foster active learning in a laboratory environment; knowledge of the use and maintenance of a wide range of laboratory equipment spanning the fields of biomechanics, bioinstrumentation, cell & tissue engineering and microscopy a plus.

Candidates are required to apply online at: https://psportal.its.rochester.edu/applyonline  
Position #185181

The University of Rochester is an equal opportunity employer.