



The University of Rochester invites applications for a tenure-track faculty position jointly appointed to the Department of Biomedical Engineering in the Hajim School of Engineering and Applied Sciences (www.bme.rochester.edu) and the Department of Pharmacology and Physiology in the School of Medicine and Dentistry (<https://www.urmc.rochester.edu/pharmacology-physiology.aspx>). Preference will be given to candidates at the rank of Assistant Professor, however outstanding candidates at higher ranks will be considered. Applicants must have a Ph.D. degree and should have demonstrated significant research accomplishments that intersect biomedical engineering and pharmacology or physiology, or related fields. Research areas of interest include, but are not limited to, microphysiological systems, synthetic biology, drug delivery, biomaterials, quantitative cellular and/or systems physiology, and regenerative tissue engineering. The successful candidate will be expected to develop and maintain an independent, extramurally funded research program and to participate in departmental educational programs at the undergraduate and graduate levels. Numerous opportunities for collaborations exist, with BME departmental strengths in tissue engineering, materials science, biomedical optics, neuroengineering, nanotechnology, microdevices and biosensors, and biomedical ultrasound; research strengths in the Department of Pharmacology and Physiology include mechanistic studies related to neuropharmacology, cardiovascular physiology, G protein-coupled receptors, extracellular matrix, calcium and ion channel signaling, all in the context of both normal and diseased states.

The University of Rochester Medical Center and the adjacent Schools of Arts, Sciences and Engineering are part of a world-class life sciences research campus, providing excellent opportunities for multiple cross-disciplinary interactions and collaborations. The Robert B. Goergen Hall for Biomedical Engineering and Optics houses the Integrated Nanosystems Center and is a short walk from the University of Rochester Medical Center. Affiliated centers include the Del Monte Institute for Neuromedicine, the Clinical and Translational Science Institute, the Rochester Center for Brain Imaging, the Center for Visual Science, the Center for Medical Technology and Innovation, the Institute for Data Science, Aab Cardiovascular Research Institute, the Center for Musculoskeletal Research, the Wilmot Cancer Institute, the Rochester Center for Biomedical Ultrasound, the Institute of Optics, and the Environmental Health and Science Center. Thus, the University of Rochester offers an exceptionally rich environment for translational research, and both clinical and basic science collaboration.

The University of Rochester is a private, top-tier research university located in the Finger Lakes region of upstate New York. Its seven schools include the Eastman School of Music, the Simon School of Business, and the Warner School of Education. Rochester is a vibrant, mid-sized city situated on the southern shore of Lake Ontario, and is within driving distance of New York City, Toronto, Cleveland, Pittsburgh, and Buffalo. The city boasts a lively arts and cultural scene and is home to the Eastman Theater and the Rochester Philharmonic Orchestra, the International Jazz Festival, the Strong Museum of Play, and a wide variety of art festivals and fairs. Rochester was voted the "most livable city" by *Places Rated Almanac*, and was named one of the best places to raise a family by both *Forbes* and *Kiplinger* magazines, due to its short commutes, low cost of living, and top public schools. In 2010, *Forbes* also named Rochester the nation's 10th most innovative city.

Candidates should apply to the position at <https://www.rochester.edu/faculty-recruiting>. Application materials must include a cover letter, a CV, a research plan, and a statement of teaching interests. Applicants should arrange for three reference letters to be submitted. Review of applications will begin upon receipt and applications received by December 1 will receive full consideration. Please address questions to the search committee co-chairs, Dr. Denise Hocking, Department of Pharmacology and Physiology (denise_hocking@urmc.rochester.edu) and Dr. Hani Awad, Department of Biomedical Engineering (hani_awad@urmc.rochester.edu)

The University of Rochester and the Departments of Biomedical Engineering and Pharmacology and Physiology are committed to increasing the diversity of the campus community and the curriculum (<https://www.urmc.rochester.edu/inclusion-culture-development.aspx> and <http://www.rochester.edu/diversity/>). Candidates who can contribute to that goal are encouraged to apply and identify their strengths and experiences in this area. The University of Rochester is an equal opportunity employer. Minorities, women, protected veterans, and individuals with disabilities are encouraged to apply.

EOE / Minorities / Females / Protected Veterans / Disabled