

PhD Research Assistantship in Bone Matrix Quality and Biomechanics



The Bailey Research Group is recruiting motivated PhD students to join our interdisciplinary efforts in understanding cancer and its treatment-related impact on bone structure, composition, and mechanical function. The research will involve animal surgery, in-vivo imaging, tissue-engineered models, and mechanical, material, and biochemical characterization of bone. We are a new research laboratory located in the state-of-the-art Institute for Applied Life Sciences at the University of Massachusetts, Amherst. Candidates with a Bachelor's or Master's degree in biomedical engineering, or closely related fields, are preferred. We also strongly encourage applicants from traditionally under-represented groups. If interested, please apply at bme.umass.edu/graduate-students and email Dr Stacyann Bailey (stacyann.bailey@umass.edu) a CV detailing prior research experience and any additional questions.

The University of Massachusetts Amherst is a nationally ranked public research university and college of engineering with a rich cultural environment positioned close to major urban centers. As a community, we are committed to policies that promote inclusiveness, social justice, and respect for all. The Bailey Lab's culture is to provide strong biomedical training in a nurturing collaborative environment that inspires trainees to be critical thinkers and advance human health.