



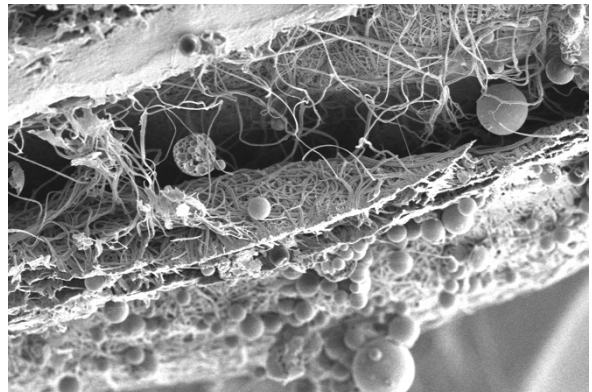
Postdoctoral Research Associate

Soft Tissue Biomechanics Laboratory (www.stblvandegeest.com)

Wagner Cardiovascular Engineering Laboratory (<http://mirmresearch.net/wagner/>)

Little Lab (<https://erb122.wixsite.com/littlelab>)

Our research team at the University of Pittsburgh seeks a Postdoctoral Research Associate in tissue engineering, biomaterials, and mechanobiology. In close collaboration with a large interdisciplinary team, we are developing a fully biodegradable tissue engineered vascular graft that is compliance matched at implantation and utilizes a novel drug delivery approach to promote compliance maintenance in-vivo. This Postdoctoral Associate will be responsible for leading the design, fabrication, and in-vitro and in-vivo assessment of the afore-mentioned vascular graft, with a particular focus on delayed release, intravital imaging, and the mechanobiology of graft remodeling. The researcher on this NIH funded project will benefit from a close interdisciplinary collaboration between the Vande Geest, Wagner, and Little labs as well as an interdisciplinary group of scientists and clinicians from the Vascular Medicine Institute and McGowan Institute for Regenerative Medicine, including but not limited to Drs. Kang Kim and Edith Tzeng.



Candidates must hold a PhD in Biomedical Engineering, Materials Science, Polymer Science, Molecular/Vascular Biology, or related field. A strong background in polymeric biomaterials, drug delivery, or vascular mechanobiology is required.

Interested applicants should apply to requisition number 22001023 at Pitt Talent Center by visiting <https://www.join.pitt.edu>. Interested individuals should submit: (1) CV, (2) statement of research interest and purpose, (3) unofficial copy of full UG and Grad transcripts, (4) email and phone number for three references. This position will remain open until filled.

The Department of Bioengineering is fully committed to a diverse academic environment, and we place high priority on identifying female and underrepresented minority candidates.

The University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer and values equality of opportunity, human dignity and diversity. EOE, including disability/vets

The University of Pittsburgh requires all Pitt constituents (employees and students) on all campuses to be vaccinated against COVID-19 or have an approved exemption. Visit <https://www.coronavirus.pitt.edu/> to learn more about this requirement.