



PennState
College of Medicine

The Penn State Hershey Heart and Vascular Institute has an open postdoctoral research position in the laboratory of Dr. Jianhua Li. The laboratory uses multidisciplinary approaches to study sympathetic and cardiovascular responses to muscle afferent inputs and neural mechanisms of the response.

Studies include investigations into the metabolic and mechanical signals that evoke the exercise pressor reflex in both health and simulated peripheral artery disease. Collaboration and interaction will be encouraged with other investigators in the Institute. In vivo rat models are used to perform integrative and electrophysiological studies.

The ideal candidate will have a PhD or MD degree in Physiology or a related field at the time of appointment. Background in cardiovascular physiology or neurophysiology and experience using patch clamp methods to record in vitro ion currents in dissociated neuronal cell is preferred. The successful applicant will be expected to participate in all aspects of the research project, including experimental design, data collection, data analysis, preparation of graphs and figures, and preparation of manuscripts. Strong writing and oral communication skills are highly desired.

Interested candidates should submit to

<https://psu.jobs> (job posting number 69954):

- A brief cover letter summarizing research interests and career goals
- A current curriculum vitae
- The names of at least 3 references