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A postdoctoral position is available in lab of Patrick Drew in the Center for Neural Engineering at Penn State University starting in the summer/fall of 2010. The lab is interested in the control, dynamics and development of cerebral blood flow and uses two-photon microscopy, electrophysiology and intrinsic optical imaging. Possible projects include: 1) Studying the pathways coupling neural activity and cortical blood flow in awake behaving mice. 2) Understanding the role of experience and neural activity in shaping the development and plasticity of the cerebral vasculature.

A PhD in Neuroscience, Physiology, Biomedical Engineering or related field is required. Experience working with animals, electrophysiology, optical imaging and MATLAB would be helpful, but is not required.

Applicants should send a statement of research interests, CV, and three letters of recommendation to: Patrick Drew <[pjd17@psu.edu](mailto:pjd17@psu.edu)>

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