



**POST-DOCTORAL ASSOCIATE:  
Neuroimaging of the transition to chronic pain**

A postdoctoral position is available in the Pain and Perceptions laboratory of Dr. Paul Geha at The University of Rochester Medical Center, a nonprofit research institute. The post-doctoral candidate will be examining the neurobiological basis of risk and resilience to chronic pain and the transition to chronic pain using structural and functional neuroimaging with a focus on diffusion weighted imaging. Brain connectomics, shape, and function analysis, and machine learning techniques will be applied to the data in collaboration with Dr. Zhangwu Zhang at University of Chapel Hill, North Carolina.

The position also involves continuous interaction with other imaging disciplines such as PET and local and national centers for the study of pain and opioid addiction.

Candidates should have a PhD or an MD, be proficient in spoken and written English, efficient and self-motivated, know how to interface with clinical services for patient recruitment, and work well in a team environment. Prior experience with neuroimaging and Matlab, is a must, and prior experience with Python, C++ and computational neuroimaging is highly preferred.

Please send an application with C.V., contact information for three references, and statement of interests to [paul\\_geha@urmc.rochester.edu](mailto:paul_geha@urmc.rochester.edu). Anticipated start date January 1, 2023.