

## **Postdoctoral positions in experimental/theoretical systems neuroscience at the University of Pittsburgh.**

Several postdoctoral positions investigating the organization and function of auditory corticofugal projection systems in behaving mice are available in the Williamson Laboratory at the University of Pittsburgh. The laboratory uses a variety of state-of-the-art tools to probe the neural circuits of awake mice – these include two-photon calcium imaging and high-channel count electrophysiology (both with single-cell optogenetic perturbations), head-fixed virtual reality behaviors, and statistical approaches for neural characterization.

Details on the research focus and approaches of the laboratory can be found here:

<https://www.williamsonlaboratory.com/research/>

Applicants must have a PhD in Neuroscience or a relevant field and must be eligible for employment in the US. We are looking for individuals with an excellent record of research achievements and expertise at the intersection of two or more of the following areas: electrophysiology, two-photon imaging, quantitative behavior, and computational neuroscience. Applications will continue until the position is filled.

The Williamson Laboratory is a member of the Pittsburgh Hearing Research Center at the University of Pittsburgh. The lab is embedded within the Departments of Otolaryngology and Neurobiology, and affiliated with the Center for Neuroscience (CNUP) and the Center for the Neural Basis of Cognition (CNBC). Postdoctoral fellows will be part of a highly supportive and diverse research environment with excellent career development opportunities.

The University of Pittsburgh was ranked third in terms of total NIH funding received in 2018. The Global Livability Index (The Economist) recently ranked Pittsburgh as the second most livable city in America.

Interested candidates should email a brief statement of research interests, a CV, and the names and contact information of three references to Dr. Ross Williamson ([rsw@pitt.edu](mailto:rsw@pitt.edu)).