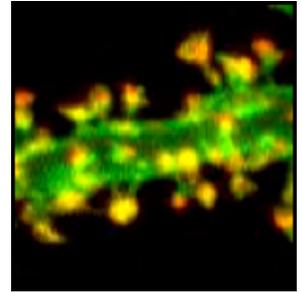


POSTDOCTORAL POSITION IN SYNAPSE IMAGING AND DYNAMICS

Postdoctoral position open immediately for talented individual interested in using **super-resolution imaging, single-molecule tracking**, and other techniques to study molecular mechanisms of synapse function and synaptic plasticity, and determine how these mechanisms may be disrupted in disease.

Ongoing projects include dynamics and regulation of presynaptic, postsynaptic, and trans-synaptic molecular organization. This is an exciting, new line of work using cutting-edge techniques that require creative development, and we are looking for motivated and independent scientists who will push the projects forward. The work will combine super-resolution imaging with patch-clamp, Ca imaging, biophysical modeling, expansion and light-sheet microscopy, and CRISPR-mediated gene tagging depending on the skills and aspirations of those involved.



We are a mid-sized, established, interactive lab with several ongoing collaborations, located in a large academic medical center with a large and diverse neuroscience community. The lab and this position are funded through the NIMH and other sources. Salary will be commensurate with experience as per NIH guidelines. Postdocs will additionally be expected to apply for further support via individual NRSAs and other sources.

Lab web site: <http://blanpiedlab.org>

Faculty web page: <http://www.medschool.umaryland.edu/profiles/Blanpied-Thomas>

Applicants should have a Ph.D. in Neuroscience, Cell Biology, or a related field and have experience and a strong interest in imaging, biophysics, or synaptic transmission. Programming experience or a strong quantitative orientation is a plus. Applicants can send email to tom@blanpiedlab.org, Associate Professor of Physiology, attaching a CV and suggestions of three or more references.

The University of Maryland School of Medicine is located in Baltimore adjacent to Oriole Park at Camden Yards and Raven's Stadium and is within walking distance of the excellent dining, shopping, and entertainment at Baltimore's Inner Harbor. The West Side Cultural District surrounds the University and includes a variety of new residential, retail, and performing arts venues. Neighboring areas of Mt Vernon, Federal Hill, Fells Point, and Harbor East are rapidly growing, trendy residential areas. Nationally ranked schools from kindergarten through high school are found in Baltimore's many private academies and the surrounding county public school systems. The lab is roughly 60 minutes from NIH and HHMI/JFRC, and just 38 miles from the National Mall in Washington, DC.



The School of Medicine has an active program supporting postdoctoral scholars at every phase of their career development. <http://medschool.umaryland.edu/postdoc/>.