Postdoctoral Fellow in the Stucky Lab, Medical College of Wisconsin
Seeking a highly motivated postdoctoral research fellow to join our productive, collaborative and collegial team. This fellow will lead exciting translational studies focused on keratinocyte and sensory neuron communication in a variety of persistent pain models, including sickle cell disease pain, migraine headache, chemotherapy neuropathy and Fabry disease neuropathy. Currently, these opportunities are funded by two major NIH grants. Through these studies, the fellow will develop their electrophysiology skillset by regularly using whole cell and single channel recordings and *in vivo* or *ex vivo* teased fiber recordings. Additional techniques routinely used by the lab include *in vitro* calcium imaging, optogenetics, chemogenetics, spontaneous and evoked animal behavior assays using high speed videography. The lab is learning additional state-of-the-art approaches from collaborators *in vivo* calcium imaging, sharp electrode recordings, RNAscope, and RNA nuc-seq. The fellow will have access to a variety of mouse and rat models of acute and chronic pain, including cell and tissue type-selective mutants. Additionally, translational opportunities include working with human dorsal root ganglia (DRG) neurons and keratinocytes, patient plasma samples, and induced pluripotent stem cells (iPSC) derived from patient samples. Given our established collaborations with clinicians in Froedtert Hospital and Children’s Hospital of Wisconsin, the access to human tissues is possible to assess clinically relevant basic science questions in diverse disease models. Moreover, we have established strong collaborations with basic scientists in our department and other departments in the Medical College of Wisconsin and at other outstanding institutes across the US. All MCW postdocs can engage in leadership positions and professional development seminars that are regularly offered through the MCW Office of Postdoctoral Education. Postdoctoral fellow will have the opportunity to mentor current graduate students in the Stucky lab, as well as rotation and summer students. Come join our supportive and fun team in the beautiful, trendy and affordable city of Milwaukee, Wisconsin!

The applicant will be encouraged to present at national and international scientific conferences, as well as applying for independent funding. As such, the candidate should be highly motivated, self-directed, and possess excellent oral and written communication skills.

Candidates should have a PhD in neuroscience or related biomedical science field.

Please submit a letter of interest and curriculum vitae with contact information for at least three references to Dr. Cheryl Stucky at cstucky@mcw.edu.

The Stucky laboratory websites are:

https://www.mcw.edu/departments/cell-biology-neurobiology-and-anatomy/people/cheryl-stucky-phd

https://stuckylab.squarespace.com/