



Seeking Postdoctoral Fellow in the Stucky Lab

Department of Cell Biology, Neurobiology & Anatomy
Medical College of Wisconsin

Seeking a highly motivated postdoctoral research fellow to join our productive, collaborative, and collegial team. ***This fellow would lead studies focused on our newly identified pain target TRPC5 (transient receptor potential canonical 5) in models of migraine headache, chemotherapy neuropathy, and post-surgical pain.*** Currently, these opportunities are funded by two major NIH grants. Through these studies, the fellow will develop their electrophysiology skillset by regularly using patch clamp and *in vivo* or *ex vivo* teased fiber recordings. Additional techniques routinely used by the lab include *in vivo* and *in vitro* calcium imaging, optogenetics, spontaneous and evoked animal behavior assays, 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 DRGs, patient plasma samples, iPSC-derived patient cells, and keratinocytes. Due to 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. Additionally, 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. Come join our 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.
- Experience in molecular biology or electrophysiology is desired; interest in learning electrophysiology is required.

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

For more information on the Stucky lab, go to:

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

Stucky Lab website

<https://stuckylab.squarespace.com/>