Postdoctoral Fellow Position to Study Pain and Touch at the Medical College of Wisconsin (MCW) in Milwaukee, Wisconsin

Starting Date: **As soon as possible**

Salary: **NIH Scale**

The Stucky lab seeks a highly motivated postdoctoral research fellow to lead studies related to one or more of our exciting research areas including 1) roles of keratinocytes and other non-neuronal cells in touch and thermal detection after tissue injury, 2) mechanisms underlying acute and chronic pain in Fabry disease, a lysosomal storage disease, 3) mechanisms underlying acute and chronic pain in sickle cell disease. To research these topics, the Stucky Lab uses a variety of approaches including patch clamp electrophysiology, in vivo and ex vivo teased fiber electrophysiology, in vivo and in vitro calcium imaging, optogenetics, spontaneous and evoked animal behavior assays, sniffer cells, biomolecular probes, gene analyses, and top down mass spectroscopy. All three projects are highly collaborative and have high translational relevance. The Stucky lab works intimately with clinicians from the major adjacent hospitals (Froedtert Hospital and Children’s Hospital of Wisconsin) and other labs in various departments (biochemistry, ophthalmology, pathology, the Blood Research Institute BRI) at MCW and other institutions. We seek PhDs who are highly motivated, mature, and possess excellent interpersonal skills and writing skills. Trainees in this position will be encouraged to present at national and international scientific conferences and to apply for independent funding. The Stucky lab has a strong track record of NIH funding for both postdoctoral and graduate student fellowships. Additionally, the Stucky lab has maintained strong NIH funding for 18 years; a new R01 has just been granted that funds this position. Our department is vibrant with young faculty and many students and postdocs, is being newly renovated and has strong programs in place to support the transition from postdoc to faculty or other scientific careers.

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 at cstucky@mcw.edu.

The Stucky laboratory website is: [https://www.mcw.edu/departments/cell-biology-neurobiology-and-anatomy/faculty/cheryl-stucky-phd](https://www.mcw.edu/departments/cell-biology-neurobiology-and-anatomy/faculty/cheryl-stucky-phd)