



Technician position available in the Stucky lab

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

We are looking for a highly motivated, independent, and enthusiastic applicant to provide technical support for a variety of neuroscience research projects in the Stucky Lab. We have multiple exciting, federally-funded (NIH) projects that investigate mechanisms that underly somatosensation and pain using transgenic mouse and rat models as well as human tissues. ***These projects focus on touch and temperature detection mechanisms in skin, and pain mechanisms in sickle cell disease, Fabry disease, migraine headache, surgical pain and chemotherapy neuropathy.*** The candidate will provide critical foundational support for the laboratory by performing the following tasks: genotyping, mouse and rat husbandry, rodent behavioral assays, *in vitro* calcium imaging, data analysis, troubleshooting equipment, and participating in regular recurring meetings with collaborators. Effective communication is expected between the candidate and the lab PI and team members in either one-on-one settings or in lab meetings. Come join our wonderful team of 10 lab members who get along great and are highly productive. Enjoy the beautiful, trendy and affordable city of Milwaukee on Lake Michigan!

Primary Functions

- Maintain rodent colony: assist with breeding, animal care and culling of animals; genotype offspring; maintain careful records using web-based colony maintenance software.
- Maintain laboratory working-order: Wash and autoclave dishes and single-use plastics, perform annual and quarterly equipment maintenance tasks.
- Perform *in vitro* molecular biology experiments that may include dissection of neuronal or skin tissue, sectioning and staining of tissue with antibodies and cellular markers, or calcium imaging of cultured cells.
- Perform mouse or rat somatosensory behavioral assays.
- Prepare buffers and determine correct molar concentrations.
- Record and compile careful, accurate records and communicate summaries of experimental results; assist with the evaluation, interpretation and assessment of experimental data and quality control of assays.
- Train junior lab personnel and collaborators in dissection and culturing skills and laboratory record keeping.
- Communicate clearly and timely with the lab PI and other researchers about progress on specific experiments
- Attend laboratory functions and meetings throughout the week including new candidate interviews, department seminars, journal clubs, and project specific group meetings.

Candidates should have a BS. or BA degree in Biology, Chemistry, Psychology, Neuroscience, or related science field.

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/>