The University of Texas at Austin
Dell Medical School
Psychiatry and Behavioral Sciences • Health Discovery Building • 1601 Trinity St., Building B • Austin, TX 78712

**Postdoctoral Researcher or Senior Scientist in CNS Viral Engineering**
**Employer**: UT Austin/Dell Medical School
**Investigator**: Lief E. Fenno, MD, PhD

**Description**: The Fenno Lab (fennolab.org) is seeking a post-doctoral fellow or senior scientist whose primary responsibility will be ownership of a funded project at the intersection of gene therapy and genetically encoded tool development in the mammalian brain to leverage their prior training and new skills to generate novel, genetically encoded reagents for targeted manipulation of neural circuit activity.

Our laboratory is within the University of Texas Austin's Dell Medical School, within the "big tent neuroscience" efforts that include surrounding labs working across neuroscience, psychiatry, neurology, and neurosurgery both with model organisms and human patients. Our approach leverages deep expertise in molecular engineering and systems neuroscience to derive and apply key principals for the application and further development of foundational molecular neuroscience reagents and methods.The Health Discovery Building is located in the heart of the city and surrounded by multiple concert venues, the state capital, UT's flagship campus, incredible food, and endless opportunity for outdoor exploration. The ideal applicant is interested in joining a supportive, vibrant, and growing group that values lab culture and collaboration, and is passionate about applying biological engineering approaches to create new frontiers in translational neuroscience.

**Required qualifications:** a PhD in neuroscience or biological engineering. Direct experience in relevant fields may substitute for those holding a master's degree. Experience working with mice. Expertise with library design and screening, genetically encoded fluorescence indicators, systems neuroscience, AAV engineering, and production. Familiarity with common neurohistological, genetic, molecular, or cellular biology techniques. The laboratory is happy to supplement the individual's experience through funding attendance at an intensive short course.

**Preferred qualifications:** Stereotactic surgery expertise, protein library design and screening, animal behavior.

**Salary and benefits:** Salary is negotiable based on experience, competitive, and is in-line with local Austin adjustments to living wage. Medical (BC/BS) and retirement.

**Contact:** lief.fenno@austin.utexas.edu

**To apply:** please submit an application at https://www.fennolab.org/recruiting