



## Neuroimaging and Neuromodulation Postdoctoral Position Vanderbilt University Institute of Imaging Science

The Neuroimaging and Electrophysiology Team at the [Vanderbilt University Institute of Imaging Science](#) at Vanderbilt University Medical Center seeks to hire a Postdoctoral Fellow in the area of Neuroimaging and Neuromodulation. VUIIS is a leading interdisciplinary institute with a strong neuroimaging program. This position will support primate research on ultrasound neuromodulation, pain circuits, drug delivery, and translation of ultrasound neuromodulation devices to pain management in humans. The candidate will work closely with the research team comprised of Neuroscience, MRI and ultrasound neuromodulation experts. The research focuses on Focused Ultrasound (FUS) neuromodulation of the primate pain circuit using a multimodal experimental approach.

**Requirements:** We are seeking a motivated individual with a Ph.D. in a relevant discipline with prior experience in neuroimaging research. A neuroscience research background and experience in analyzing data in MATLAB is required. Experience in functional MRI is desirable. The candidate should have excellent communication skills and the ability to work both independently and collaboratively. Compensation will be based on the candidate's research experience level under current NIH guidelines.

**Research Site:** VUIIS is located on Vanderbilt University campus in Nashville, TN, a legendary music city that routinely ranks at the top of lists around the world for its diverse restaurant scene, bustling downtown, and vibrant neighborhoods. Vanderbilt University is an internationally recognized private research university in Nashville, Tennessee. It offers undergraduate programs in the liberal arts and sciences, engineering, music, education and human development, as well as a full range of graduate and professional degrees. Faculty, students, and staff work closely together to examine challenging questions across a wide range of disciplines. As a result, postdocs at Vanderbilt have the opportunity to further enhance their skills and prepare for future careers while working with leading scholars in the biological and physical sciences, engineering, the humanities, law and business, and the social sciences.

Join our team of passionate scientists and engineers to help develop the next generation of neuroimaging and neurostimulation technologies!

Applicants should send a CV, summary of research interests, and contact details for three (3) references to Li Min Chen, Ph.D. ([limin.chen@vanderbilt.edu](mailto:limin.chen@vanderbilt.edu)).