

Job Description

Post-Doctoral Position - Neuroimaging & Focused Ultrasound - (210000W2)

Post-Doctoral Fellow Position in Neuroimaging and Focused Ultrasound-Mediated Neuromodulation

The Center for Advanced Imaging Research (CAIR) in the Department of Radiology & Nuclear Medicine at the University of Maryland School of Medicine is a collaborative environment for investigators who are conducting cutting-edge imaging studies and image guided therapeutic innovations with strong translational potential. The University of Maryland School of Medicine is a designated Center of Excellence by the Focused Ultrasound Foundation.

We are currently recruiting a Postdoctoral Fellow with a Ph.D., M.D. (or equivalent), and background in Neuroscience, Neuroimaging, Biomedical Engineering, Electrical Engineering, Physics or related fields. The postdoctoral researcher will participate in newly NIH-funded studies to apply neuroimaging and focused ultrasound to 1) transiently open the blood brain barrier to improve the delivery of gene-therapy (using customized CRISPR-Cas9 agents) and nano-formulated antiretroviral drugs to the brains of rodent models of HIV; 2) perform neuromodulation in preclinical models of substance use disorders. Preference will be given to candidates with a demonstrated track record of prior experience conducting research with neuroimaging or focused ultrasound involving animals, especially in those with drug-self administration rodent models.

Qualifications

The University of Maryland offers highly competitive salaries with excellent benefits. To apply for this position, please send your curriculum vitae, a cover letter describing your interest, background, and qualifications, and a list of three references (including contact information) to Dr. Linda Chang at lchang@som.umaryland.edu.

The position is subject to a background check. Applications from women, minorities, and persons with disabilities are strongly encouraged. Applications will be accepted until the position is filled. The University of Maryland at Baltimore is dedicated to building a diverse community in its training and employment programs

The University of Maryland is an equal opportunity, affirmative action employer. All qualified applicants will receive consideration for employment regardless of sex, gender identity, race, color, religion, national origin, disability, protected veteran status, age, or any other characteristic protected by law or policy. We value diversity and how it enriches our academic and scientific community and strive towards cultivating an inclusive environment that supports all employees.

Job Postdoctoral Fellows
Organization School of Medicine - Clinical Departments
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