Research Scientist/Postdoctoral Opportunity at New York University (NYU) School of Medicine

**DESCRIPTION:** A research scientist / postdoctoral position for neuroimaging research is available at the Center for Biomedical Imaging (CBI) at NYU School of Medicine. The research projects will involve the use of advanced diffusion MRI (dMRI), gas (CO₂/O₂)-enhanced MRI, arterial spin labeling (ASL), ultra-high-field methods, quantitative susceptibility mapping (QSM) and functional MRI (fMRI) methods for brain imaging with applications in multiple sclerosis, Alzheimer's disease, and other neuro-degenerative diseases. Candidates who majored in electrical or biomedical engineering, neuroscience, computer science, or medical physics are encouraged to apply.

**CBI & NYU LANGONE HEALTH:** NYU Langone Health is a world-renowned healthcare system and has a wealth of clinical and basic science facilities and resources for both human and small animal studies. CBI is located in the midtown of Manhattan of NYC and equipped with multiple whole-body Siemens 3T and 7T MRI, and PET/MR scanners, as well as several various small-bore systems. The center has over 30 world-class MRI full-time research faculty members and is one of the fastest growing imaging hubs for preclinical and clinical translational MRI research in the US. Opportunities exist for the candidate to work independently and collaborate with other top-tier clinician and imaging scientists at NYU Langone Health.

**CANDIDATE REQUIREMENTS:** The ideal candidate will have previous experience in MRI data acquisition and data analysis skills, MRI reconstruction or sequence programming, and demonstrated experience in scientific writing. You will be part of a multi-disciplinary team of imaging scientists and clinical collaborators and work on the projects that involve MRI sequence implementation, perfusion and functional MRI acquisition, and image processing (using Matlab, FSL, SPM or R). Candidates should have strong passion of advanced neuroimaging research and willingness to pursue cutting-edge scientific endeavors in a top-tier imaging research environment.

The position is full time and funded by NIH grants for at least 3 years with competitive salary and employee benefit package.

To apply, please forward your CV, a statement of your research experience and interests, and 2-3 references to Yulin Ge at Yulin.Ge@NYULangone.org