Postdoctoral Position in Radiology at the Johns Hopkins School of Medicine and the F.M. Kirby Research Center at Kennedy Krieger Institute

Location: Baltimore, MD

There is a postdoctoral fellowship position available within the Russell H. Morgan Department of Radiology, Johns Hopkins School of Medicine and the F.M. Kirby Research Center for Functional Brain Imaging at the Kennedy Krieger Institute for candidates interested in kidney imaging or Chemical Exchange Saturation Transfer (CEST) MRI.

Current methods for monitoring renal health which include measuring blood creatinine and blood nitrogen urea are not sufficiently reliable for monitoring progression towards Chronic Kidney Disease. The postdoctoral fellow will develop MRI for performing functional imaging of the kidneys. These studies will be performed on both our preclinical and clinical scanners. The candidate is expected to be an independent individual that is able to work well within a team of interdisciplinary researchers.


Requirements:
The successful candidate should have a Ph.D. in Physics, Chemistry, Biomedical Engineering, Electrical Engineering or closely related fields. Candidates with expertise in MRI sequence development or high resolution NMR are preferred. Applicants should submit a brief one-page description of research interest and plans, a CV and contact information for three references to Dr. Michael McMahon (mcmahon@mri.jhu.edu or mcmahon@kennedykrieger.org).