Postdoctoral Opportunity:
F.M. Kirby Research Center for Functional Brain Imaging & Center for Neurodevelopmental and Imaging Research, Kennedy Krieger Institute & Johns Hopkins University, Baltimore Maryland USA

A postdoctoral opportunity in functional neuroimaging is available at the F.M. Kirby Research Center for Functional Brain Imaging at Kennedy Krieger Institute, in Baltimore, Maryland.

Affiliated with Johns Hopkins University, the Kirby Center features research-dedicated 3.0 T & 7.0 T human MRI scanners, excellent MRI-compatible auxiliary equipment, and significant computational resources. The Kirby Center is a nationally recognized (NIH P41 funded) research resource for MR technology development. See https://www.kennedykrieger.org/kirby-research-center

The position is part of a well-established collaboration between the Kirby Center and Kennedy Krieger Institute’s Center for Neurodevelopmental and Imaging Research (CNIR), which investigates the underlying mechanisms of and clinical intervention for childhood brain disorders. See https://www.kennedykrieger.org/research/centers-labs-cores/center-for-neurodevelopmental-and-imaging-research

The successful candidate will contribute to ongoing research collaboration between the Kirby Center and CNIR on the development and application of approaches to the acquisition and analysis of MRI data reporting on brain function, with an emphasis on resting-state functional connectivity in childhood populations. The collaboration with CNIR provides access to leading experts in, and ample data from, children with intellectual and developmental disorders.

Ph.D. in biomedical engineering, biophysics, mathematics, or related field required. Experience with functional MRI data acquisition and analysis preferred.

Please send CV and names of three references to: James J. Pekar, Ph.D., F.M. Kirby Research Center, Kennedy Krieger Institute, 707 N. Broadway, Baltimore, MD 21205 USA. Email: pekar@jhu.edu