



**HARVARD**  
MEDICAL SCHOOL



## **Postdoctoral position in advanced MRI acquisition**

The Psychiatry Neuroimaging Laboratory (PNL) at Harvard Medical School (HMS) is requesting applications for a post-doctoral position to develop novel pulse sequences and reconstruction algorithms. The fellow will be supervised by Dr. Yogesh Rathi. Areas of research that will be the focus of the fellow include, but not limited to: novel pulse sequence design and development of new algorithms for ultra-high resolution diffusion MRI and other MRI contrasts. The fellow will have experience in pulse sequence programming on either of Siemens, GE, Philips or Bruker scanner.

The position will be at the PNL in the Department of Psychiatry and Radiology. The PNL is housed at the Brigham and Women's Hospital with access to several 3T Siemens and GE scanners along with a 7T Siemens Terra scanner. Additionally, the position will be affiliated with Mass. General Hospital (MGH) with all the scanner facilities also available for experiments. The fellow will work in a highly multidisciplinary environment consisting of neuroanatomists, psychiatrists, neuroradiologists, neuroscientists and computational imaging experts. There is a strong potential for personal and career growth at the PNL with the opportunity to collaborate with peers and experts from other fields.

The candidate will have a Ph.D. in electrical engineering, physics or biomedical engineering with first hand experience of MR physics.

Interested candidates, please email [yogesh@bwh.harvard.edu](mailto:yogesh@bwh.harvard.edu) with your CV and subject line: Post-doctoral candidate <your name>.