Postdoctoral position in functional spinal cord imaging

The Spinal Cord & Brain Imaging Lab ([MRIresearch.com](http://www.MRIresearch.com)) is inviting applications for a Postdoctoral Research Fellowship in the Department of Radiology at Massachusetts General Hospital (Athinoula A. Martinos Center for Biomedical Imaging) and Harvard Medical School.

The successful candidate will use state-of-the-art MRI scanners to image structure and function within the spinal cord of patients with central nervous system disorders such as multiple sclerosis. The position is full-time with benefits, and is available immediately.

**Resources and Environment**

The Athinoula A. Martinos Center for Biomedical Imaging at Massachusetts General Hospital is one of the world’s premier research centers devoted to the development and application of advanced biomedical imaging technologies. Our mission is to advance imaging in healthcare through technology development, translational research, and education.

Located on the MGH research campus in Charlestown, the Center is home to roughly 100 faculty researchers and more than 300 affiliated and visiting faculty, postdoctoral research fellows and graduate students, who use advanced imaging technologies both separately and in concert to investigate a broad range of biologically and medically important questions.

MGH is an Equal Opportunity Employer. By embracing diverse skills, perspectives and ideas, we choose to lead. Applications from protected veterans and individuals with disabilities are strongly encouraged.

**Candidate Requirements**

Candidates should have a strong interest in MRI and fMRI. A degree in biomedical engineering, biophysics, computer science, neuroscience, or a related discipline with prior experience in MRI is preferred. Candidates must be able to meet eligibility requirements to work in the United States at the time of appointment and continue working legally.

- Ph.D. in Engineering, Neuroscience, Physics, or a related field
- Good command of written and oral English
- Experience in functional magnetic resonance imaging, spinal cord imaging, and/or imaging at ultra-high magnetic fields (7 Tesla) is preferred
- Basic knowledge of MRI and intermediate knowledge of common image processing software such as MATLAB, FSL, and FreeSurfer is desired

**Application Instructions**

Applicants must apply via Taleo: [https://partners.taleo.net/careersection/jobdetail.ftl?job=3099257&lang=en](https://partners.taleo.net/careersection/jobdetail.ftl?job=3099257&lang=en). Questions may be directed to Dr. Robert Barry at Robert.Barry@mgh.harvard.edu. Please include “postdoctoral position in functional spinal cord imaging” as the subject of your email.