



Athinoula A.

**Martinos
Center**

For Biomedical Imaging

Research Fellow in Simultaneous PET/MR Neuroimaging

**Athinoula A. Martinos Center for Biomedical Imaging
Massachusetts General Hospital
Harvard Medical School**

Position

We are seeking TWO postdoctoral fellows to join our team to pursue research in simultaneous PET/MR imaging in neuroscience applications. The area of research will be developing and applying novel PET/MRI methods to investigate (1) *in vivo* neuroreceptor dynamics and function and (2) the impacts of neurovascular function on PET radiotracer kinetics. Our research programs are highly translational spanning from animal models, first-in-human studies, to clinical applications. The appointment as a Massachusetts General Hospital / Harvard Medical School research fellow will be for 2 years with possibility for extension based on performance and the availability of funding. The positions are available immediately.

The successful candidate will be a highly motivated researcher with a desire to begin an independent career related to or involving neuroimaging. The position requires a Ph.D. degree in Neuroscience, Medical Physics, Biomedical Engineering, or a related field. However, we will consider candidates of any scientific background. This position requires experience in the acquisition and analysis of functional MRI and/or PET data. Extremely strong candidates with neuroscience backgrounds and minimal imaging experience are still encouraged to apply. Strong written and oral English communication skills are required.

Additional Skills/Abilities/Competencies

The job requires a candidate who is mature, responsible and flexible with excellent organizational and people skills. S/He must be able to work with in a fast-paced environment and should be able to problem-solve/troubleshoot, juggle and prioritize multiple tasks and seek assistance when appropriate.

Application

Interested applicants should send a cover letter describing research interests and experience, an updated CV, and names and contact information of three references to: Hsiao-Ying (Monica) Wey, Ph.D. (E-mail: hsiaoying.vey@mgh.harvard.edu). Please contain "Research Fellow Application: Your Name" in the e-mail subject line.

The Massachusetts General Hospital and Harvard Medical School are equal opportunity and affirmative action employers.