



Athinoula A.

**Martinos
Center**

For Biomedical Imaging

**Postdoctoral Research Fellow Position
in Infant Brain MRI analysis at the A.A.
Martinos Center, MGH and Harvard
Medical School under Dr. Lilla Zöllei**

A postdoctoral fellow is recruited for an NIH funded project for developing FreeSurfer-compatible brain image analysis tools for children. Code development will focus on pair- and group-wise registration tools, segmentation methods and surface-based image analysis algorithms.

The successful applicant should have a doctoral degree in a field related to medical imaging (e.g., computer science, electrical engineering, biomedical engineering, applied mathematics, computational neuroscience). She/he is expected to have a strong research background in method development and brain image analysis and should be able to work independently. Strong programming skills (for example, C/C++, MATLAB, and/or Python) are a must and prior experience with brain image-analysis packages (such as SPM, FSL, FreeSurfer, AFNI) is desirable. In addition, the candidate must also possess excellent English verbal and written communication skills.

This position will be jointly hosted by the Laboratory of Computational Neuroimaging, MGH and the Department of Psychology, Harvard University, thus the position offers great opportunities to collaborate with a large group of scientists from diverse research disciplines.

Approximate start date is fall 2017. For consideration please send a statement of interest, a CV and a list of three potential references via email to Lilla Zöllei, PhD (lzollei@nmr.mgh.harvard.edu). The search will continue until the position is filled.