Postdoctoral Position in Neuroimaging

Department:
    Radiology

Institution:
    Michigan State University

Announcement:

We have an immediate opening of a postdoctoral research fellow position in neuroimaging with a focus on image data analysis. This researcher will support and conduct neuroimaging research on a recent NIH funded multi-center study on reducing the risks of Alzheimer's disease (www.rradtrial.org). He/she will also work on the development of brain image data analysis techniques, under the guidance of Dr. David Zhu. He/she will have a unique opportunity to work with a highly collaborative national research team, with exposure to the cutting-edge research in neuroimaging, clinical neuroscience and vascular physiology. He/she will also gain valuable technical experience by working on image data from various MRI platforms. MSU has a highly active neuroimaging research group supported by Radiology and the Cognitive Imaging Research Center (http://www.circ.msu.edu).

The initial appointment is for one year and is renewable for the second year based on performance. It may be renewable for multiple years upon the continued funding.

Requirements:

- Ph.D. degree with a strong training in MRI physics and brain image data analysis.
- Linux skills are essential.
- Matlab and some programming skills are highly desirable.
- Prior research experience in resting-state fMRI, ASL perfusion, DTI, SWI and flow quantification is valuable.
- Experience with common brain image data analysis packages (AFNI, FSL, SPM and FreeSurfer) is helpful.

Please contact (can arrange to meet in ISMRM):

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