Postdoc Position in Pediatric Neuroimaging Research

The pediatric brain imaging research lab at the Arkansas Children’s Hospital (ACH) and the University of Arkansas for Medical Sciences (UAMS) is seeking potential applicants for a postdoc position. The postdoctoral fellow will work on federal grant funded research projects, which aim to understand how prenatal/postnatal environmental influences as well as nutrition/lifestyle during childhood potentially affect infant and children’s brain development. The research involves development and implementation of advanced MRI methods for neonatal/pediatric neuroimaging, high quality MRI data acquisition and management, as well as sophisticated brain imaging data analysis using cutting-edge tools.

UAMS provides the only medical and pharmaceutical education in the state of Arkansas, and is the state’s largest, most comprehensive facility for medical treatment and biomedical research. ACH is the only health care facility in Arkansas dedicated exclusively to children and one of the largest pediatric hospitals in the nation. ACH has been rated multiple times by Fortune as one of the 100 best companies to work for. The postdoctoral fellow will have an opportunity to collaborate with physicians/scientists in different specialties, and will have access to state-of-the-art clinical research facilities at UAMS/ACH.

Qualifications:

- A PhD degree in biomedical engineering, computer science, mathematics, physics, bioinformatics, neuroscience, information science, or other related fields
- Experience in neuroimaging (particularly, structural and/or functional MRI) data analysis
- Demonstrated record of research publications
- Good verbal and written communication skills

Interested candidates please send your CV to ouxiawei@uams.edu