



**Position(s):** Tenure-Track Assistant Professor(s)

The Arkansas Children's Research Institute (ACRI) invites applications for multiple full-time tenure-track faculty positions (at an Assistant Professor level) from researchers with a research focus on studying the developing brain using neuroimaging and related approaches. Faculty appointments will be provided by appropriate host departments at the University of Arkansas for Medical Sciences, and generous start-up packages will be provided by ACRI. Infrastructural support will include strong faculty development support from a new research center being established at ACRI—the Center for Study of the Developing Brain (CSDB), and access to the brand new brain imaging facility at CSDB which will house state-of-the-art imaging equipment including MRI and EEG systems adjacent to a brand new Family Clinical Research Unit.

**Responsibilities:** Each successful candidate will be expected to provide expertise in his or her respective research field and to develop an independent and extramurally-funded research program at ACRI within a few years. Interested research fields include, but are not limited to:

- Developmental neuroscience with an emphasis on neuroimaging approaches
- Neuroimaging of factors that impact in utero and/or postnatal brain development, including environmental exposures (including exposure to opioids and other illicit drugs), diet and nutrition, lifestyle, social determinants of health, etc.
- Neurodevelopmental outcomes in normal, at-risk, and/or clinical pediatric populations
- Development of neuroimaging acquisition and/or analytic methods that can be applied to pediatric populations
- Bioinformatics approaches applicable to pediatric neuroimaging and related measures

Successful candidates will be expected to leverage the existing resources and utilize one or more research cores being established at the CSDB of ACRI, which will include a Neuroimaging Core, a Neuroinformatics Core, and a Neurodevelopment and Social Determinant Assessments Core. Collaborations with the Arkansas Children's Nutrition Center, one of six National Human Nutrition Centers funded by the United States Department of Agriculture-Agricultural Research Service (USDA-ARS), and/or the National Center for Opioid Research and Clinical Excellence (NCOR), a newly established research center at ACRI funded by the state and the Arkansas Children's Inc., are also encouraged.

**Qualifications:**

- PhD degree in neuroscience, psychology, biomedical engineering, electric engineering, computer science, bioinformatics, information science, mathematics, physics, chemistry, biology, or other related fields; or an MD/DO degree with research experience

- Postdoctoral or fellowship training in a relevant field
- Established track record of scientific publications commensurate with experience
- Experience in securing extramural/intramural research grants and leading research projects is preferred but not required
- Excellent verbal and written communication and interpersonal skills
- Applicants with overlapping experience/interest with the NCOR will be preferred

The Arkansas Children's Research Institute (ACRI) is a not-for-profit corporation owned by Arkansas Children's, Inc. ACRI is located in Little Rock on the campus of Arkansas Children's Hospital (ACH). ACH is one of two pediatric hospitals in the state (the other is Arkansas Children's Northwest in Springdale). ACH is a full-service, state-of-the-art medical facility, offering a complete array of clinical services ranging from well-baby care to the medical management of critically ill and injured children. ACH is a teaching hospital of the University of Arkansas for Medical Sciences (UAMS), the only medical school and health sciences university in Arkansas. Essentially, all physicians and scientists on the ACH campus are UAMS faculty.

UAMS is an academic health science campus with Colleges of Medicine, Pharmacy, Nursing, Public Health, Health Professions, and Graduate School. The UAMS main campus is located in Little Rock and has a regional campus in Fayetteville, home of the University of Arkansas. Clinical excellence, scientific translation, and practical applicability are found in abundance at UAMS. Faculty enjoy close collaboration among colleagues from seven research institutes, eight regional clinical centers across the state, the Central Arkansas Veterans Healthcare System, and Arkansas Children's Hospital. Research interests align via the Translational Research Institute, founded in 2011 following a 2009 Clinical and Translational Science Award (CTSA).

Little Rock, the capital of Arkansas, offers a unique professional and living environment and is frequently rated as one of the top places to live in America. The Little Rock area offers a high quality of life with a modest cost of living and abundant recreational and cultural opportunities.

Applicants should submit a letter of interest and a curriculum vitae to Xiawei Ou, PhD, Professor and Vice Chair of Research of Radiology, UAMS, and Director of the CSDB, ACRI; [ouxiawei@uams.edu](mailto:ouxiawei@uams.edu). Review of applications will begin immediately and continue until the positions are filled.

Individuals from diverse backgrounds are encouraged to apply. UAMS is an Equal Opportunity/Affirmative Action Employer committed to excellence.