

**UAMS News Bureau**

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**News Release**  
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## **Brain Imaging Studies Needing Adult Subjects**

LITTLE ROCK — The Brain Imaging Research Center at the University of Arkansas for Medical Sciences (UAMS) is seeking healthy adults to take part in a research study on emotional processing and resilience. Volunteers should be between the ages of 18 and 40 and who may or may not have a history of childhood trauma.

Participants will be asked to make two visits to the Brain Imaging Research Center. At the first visit, subjects will answer questions about their life experiences and undergo a series of cognitive tests. The second visit will involve an MRI scan, during which the subject will be asked to perform more cognitive tasks.





“Our study is looking at how the brain processes emotions, how it regulates them and keeps them in control,” said Andrew James, Ph.D., an associate professor in the Department of Psychiatry in the UAMS College of Medicine, who is the primary investigator in the childhood trauma study.

“We need healthy subjects, including people who may have endured abuse or neglect during their childhood years, to gain a better understanding of how the human brain might ‘rebuild itself’ following trauma to be resilient against future trauma as adults.”

Participants will be financially compensated for their time and travel. For more information, contact Natalie Morris at [NMorris@uams.edu](mailto:NMorris@uams.edu) or call 501-420-2653.

UAMS is the state’s only health sciences university, with colleges of Medicine, Nursing, Pharmacy, Health Professions and Public Health; a graduate school; hospital; a main campus in Little Rock; a Northwest Arkansas regional campus in Fayetteville; a statewide network of regional campuses; and seven institutes: the Winthrop P. Rockefeller Cancer Institute, Jackson T. Stephens Spine & Neurosciences Institute, Harvey & Bernice Jones Eye Institute, Psychiatric Research Institute, Donald W. Reynolds Institute on Aging, Translational Research Institute and Institute for Digital Health & Innovation. UAMS includes UAMS Health, a statewide health system that encompasses all of UAMS’ clinical enterprise including its hospital, regional clinics and clinics it operates or staffs in cooperation with other providers. UAMS is the only adult Level 1 trauma center in the state. *U.S. News & World Report* named UAMS Medical

Center the state's Best Hospital; ranked its ear, nose and throat program among the top 50 nationwide; and named six areas as high performing — COPD, colon cancer surgery, heart failure, hip replacement, knee replacement and lung cancer surgery. UAMS has 2,876 students, 898 medical residents and four dental residents. It is the state's largest public employer with more than 10,000 employees, including 1,200 physicians who provide care to patients at UAMS, its regional campuses, Arkansas Children's Hospital, the VA Medical Center and Baptist Health. Visit [www.uams.edu](http://www.uams.edu) or [www.uamshealth.com](http://www.uamshealth.com). Find us on [Facebook](#), [Twitter](#), [YouTube](#) or [Instagram](#).

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