

FACULTY POSITION ANNOUNCEMENT

The AU MRI Research Center and Department of Electrical and Computer Engineering at Auburn University invite applications for a tenure track faculty position at the Assistant Professor level in the field of magnetic resonance imaging. The successful candidate will (a) develop an independent research program using neuroimaging to investigate the neurobiology of psychological disorders and (b) collaborate in ongoing studies of individuals at high-risk for schizophrenia. Specifically, the individual will be responsible for advanced, high-field (7T) magnetic resonance imaging (MRI) and MR spectroscopy (MRS) supporting studies of PTSD, schizophrenia, depression, and other psychological disorders. Additionally, this individual will be expected to generate extramural funding through federal, industry, or other sources, develop a productive record of peer-reviewed scientific publications in nationally recognized journals and conferences, and teach both undergraduate and graduate courses.

Applicants must have a Ph.D. or equivalent doctoral degree in biomedical engineering, electrical engineering, or related field and have performed relevant postdoctoral training leading to expertise in neuroscience and advanced imaging of psychological disorders. We particularly seek candidates with experience in high-field (7T) MRI imaging, ability to independently perform MRI/MRS in humans, proficiency with MRS post-processing software, and experience with acquisition and analysis of functional MRI (fMRI) and diffusion tensor imaging (DTI) data. The candidate selected for this position must be able to meet eligibility requirements to work in the United States at the time the appointment is scheduled to begin and continue working legally for the proposed term of employment. Excellent communication skills are required.

The position is available beginning August 16, 2021, and applications will be evaluated beginning on January 1, 2021. The search will continue until a suitable candidate is selected. Applications should be submitted through the University's on-line system using the following link: <http://www.auemployment.com/postings/19483>. Submit a cover letter addressing your qualifications for the position, curriculum vitae/resume, statement of teaching interests, statement of research interests including a proposed research plan, and the names of three references with contact information.

The Department of Electrical and Computer Engineering has 30 full-time faculty members and enrolls approximately 600 undergraduates (freshmen through senior) and 115 graduate students. The department is home to the Alabama Microelectronics Science and Technology Center, the Wireless Engineering Research and Education Center, and the Magnetic Resonance Imaging Research Center. Additional information about the department can be found at <http://www.eng.auburn.edu/ece>.

Auburn University (www.auburn.edu) is one of the nation's premier public land-grant institutions. In 2019, the college of engineering was ranked 29th among public universities by U.S. News and World Report. Auburn maintains high levels of research activity and high standards for teaching excellence, offering Bachelor's, Master's, Educational Specialist, and Doctor's degrees in engineering and agriculture, the professions, and the arts and sciences. Its 2019 enrollment of 30,460 students includes 24,594 undergraduates and 5,866 graduate and professional students. Organized into twelve academic colleges and schools, Auburn's 1,450 faculty members offer more than 200 educational programs. The University is nationally recognized for its commitment to academic excellence, its positive work environment, its student engagement, and its beautiful campus. Auburn (<https://www.auburnalabama.org>) residents enjoy a thriving community, recognized as one of the "best small towns in America," with moderate climate and easy access to major cities or to beach and mountain recreational facilities. Situated along the rapidly developing I-85 corridor between Atlanta, Georgia, and Montgomery, Alabama, the combined Auburn-Opelika-Columbus statistical area has a population of over 500,000, with excellent public school systems and regional medical centers.

Auburn University is understanding of and sensitive to the family needs of faculty, including dual career couples. See "Guidelines for Dual Career Services" <http://www.auburn.edu/academic/provost/policies-guidelines/#guidelines>

Auburn University is an EEO/Vet/Disability Employer.