The Department of Electrical and Computer Engineering at Auburn University invites applications for a tenure-track assistant/associate professor in the field of magnetic resonance imaging (MRI) beginning with the Fall 2016 semester. The individual selected for this position will be expected to contribute to the growth of the MRI research program through the development of an externally-funded research program, collaborate with faculty on a number of interdisciplinary research projects, direct graduate students, teach undergraduate and graduate courses, and be involved in service to the department and profession. The candidate will work very closely with the Auburn University MRI Research Center (AUMRIRC). This Center contains an open-bore 3T whole-body scanner and a 7T actively-shielded, whole-body scanner with multinuclear capability.

A Ph.D. or equivalent in electrical engineering, biomedical engineering, physics or a closely related field is required. Experience in one or more of the following areas for 3T systems or higher is desired: (i) MR pulse sequence design, (ii) RF coil design, (iii) MR image reconstruction, (iv) MR Spectroscopy, (v) scientific and/or clinical applications involving novel use of the above topics. We particularly seek candidates with experience on 7T systems. The candidate selected for this position must be able to meet eligibility requirements to work in the United States at the time appointment is scheduled to begin and continue working legally for the proposed term of employment. Excellent communication skills required.

The position is available beginning August 16, 2016, and applications will be evaluated beginning on January 1, 2016. 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://aufacultypositions.peopleadmin.com/postings/1294. 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 25 full-time faculty members and enrolls approximately 560 undergraduates (freshmen through senior) and 150 graduate students. The department is home to the Alabama Micro/Nano 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 is one of the nation's premier land, sea, and space grant institutions. In the 2015 edition of the U.S. News and World Report ratings of undergraduate programs, it was ranked 48th among public universities. Auburn is an institution that is both highly research-active and committed to maintaining teaching excellence offering Bachelor's, First Professional, Master's, Educational Specialist, and Doctor's degrees. Its fall 2014 enrollment of 25,912 students includes 20,629 undergraduates, and 5,283 graduate students. There are 1,209 full-time instructional faculty members distributed across nine Colleges and three Schools, with degrees offered in more than 200 academic programs. The Samuel Ginn College of Engineering has an enrollment of more than 4,600 undergraduate and 900 graduate students in 9 departments. Auburn University is nationally recognized for its commitment to academic excellence, positive work environment, exciting student life, and the beauty of its campus.

Auburn University is geographically located in a moderate climate with easy access to both beach and mountain recreational facilities and is situated along the rapidly developing I-85 corridor between Atlanta, Georgia and Montgomery, Alabama. The Auburn-Opelika metropolitan statistical area has a population of 140,000, excellent public school systems, a regional medical center and the distinction of being recognized as one of the “best small towns in America” CNNMoney.com named Auburn as one of the top 100 “Best Places to Live” for 2012.

Auburn University is an EEO/Vet/Disability Employer.