

## FACULTY POSITION ANNOUNCEMENT

- Position:** The Electrical and Computer Engineering Department at Auburn University invites applications for a tenure track faculty position at the assistant, associate, or full professor level in the field of RF coil design for MRI systems for the Auburn University MRI Research Center (AUMRIRC). Scheduled to open in the fall of 2010, this new facility will contain a state-of-the-art open-bore 3T human scanner and a 7T actively-shielded, whole-body scanner with 8 parallel transmit channels, 128 receive channels, and multinuclear capability. The candidate selected for this position will have the opportunity to assist in the development of a new imaging program.
- Responsibilities:** The successful candidate is expected to contribute to the growth of the AUMRIRC through the development of an externally-funded research program, collaborate with researchers from different disciplines across campus, direct graduate students, teach undergraduate and graduate courses, and be involved in service to the department and profession.
- Qualifications:** A Ph.D. or equivalent in electrical engineering, biomedical engineering, physics or a closely related field is required. Experience with MR imaging and RF coil design for 3T systems and higher is desired. Preference will be given to 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.
- Application:** The position is available beginning with the Fall 2010 semester, and resumes will be evaluated beginning February 1, 2010. The search will continue until a suitable candidate is selected. Applications should include a cover letter, current resume, research and teaching interests, and names of three references with phone numbers and email addresses. Please submit applications to:
- Dr. R. Mark Nelms  
Professor and Chair  
ECE Department  
200 Broun Hall  
Auburn University, AL 36849-5201
- In addition, applications may be submitted electronically as a single pdf file via email to **[eceseach@auburn.edu](mailto:eceseach@auburn.edu)**.
- The University:** Auburn University is a land-grant institution with a multicultural student enrollment of approximately 23,500 students and 1,125 faculty. The University provides instruction in approximately 70 academic departments and maintains graduate research and public service programs of a broad scope. The university is located in the city of Auburn in east-central Alabama near the metropolitan areas of Montgomery and Birmingham, Alabama, and Columbus and Atlanta, Georgia.
- ECE Department:** The Department of Electrical and Computer Engineering consists of 26 full-time faculty members and enrolls approximately 500 undergraduate and 120 graduate students.

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