MRI Physicist

The Department of Radiology at the University of Alabama at Birmingham is seeking a full-time MRI physicist to join the Physics and Engineering Division. Academic rank and tenure status offered will depend on qualifications and experience of the successful applicant.

The candidate must have a Ph.D. in physics or related sciences and be certified by The ABR, ABMP, or CCMP. The candidate must have at least three years of active experience with MRI; familiarity with advanced applications such as MRS, fMRI, DCE, or perfusion studies will be viewed favorably. Expertise with MRI pulse sequence development or history of work in R&D of a major MRI manufacturer will be valued.

This is a clinical position, but an interest in research activities is expected. Demonstrable capabilities for obtaining research funding are not required but considered beneficial. Sharing in teaching duties with other medical physics faculty is expected as well as mentoring Medical Physics residents. In addition to routine clinical duties, shared with another medical physics faculty member within the Radiology Department, the successful candidate is expected to participate in medical system-wide collaborative clinical and research activities.

The Department of Radiology provides services within the UAB Health System that consists of the University Hospital, The Kirklin Clinic (outpatient clinic), the nearby UAB Highlands Hospital, as well as several smaller outpatient facilities in the vicinity. The clinical operations involve seven 1.5T MRI systems (eighth to be installed in 2019), three 3T MRI units (fourth will replace one 1.5 unit in the summer), one PET-MRI (3T), and one 9.4T small animal MRI unit.

The University of Alabama at Birmingham, one of three autonomous institutions within The University of Alabama System, is the only four-year, public university in the state’s largest metropolitan area. The University spans more than 80 blocks in the city center with over 250 buildings providing over 13 million feet of assignable space. For fiscal year 2017-2018 (most recent available), the University’s economic impact on the Birmingham area exceeds $7.15 billion. In FY2017, UAB received over $268 million in NIH extramural grants and contracts. As of the fall of 2018, the University employed 23,000 people, had a faculty of 2,289 (40% of whom are female), and had a student enrollment of just under 21,000 at the undergraduate through doctoral levels. The graduate student population is 67% female and 30% are among ethnic minorities. UAB is comprised of 10 academic colleges and schools in the health sciences and academic areas. The UAB Academic Health Center includes the Schools of Medicine, Dentistry, Nursing, Optometry, Public Health, Health Professions; the Graduate School; and the Lister Hill Library of the Health Sciences. The University's academic campus consists of the College of Arts and Sciences, the Schools of Business, Education, and Engineering; the Graduate School; and the Mervyn Sterne Library. The university has 136 endowed chairs/professorships. UAB has been ranked among the top quarter of all U.S. colleges and universities by The Princeton Review, and among the top 10 for diversity for three consecutive years.

In tandem with our institution’s strong diversity efforts, UAB encourages candidates from underrepresented minorities to apply.

Interested candidates should apply here: http://uab.peopleadmin.com/postings/4782

For additional information about research within our department please visit the following links:
http://www.uab.edu/medicine/radiology/research
https://www.uab.edu/medicine/radiology/divisions/physics-engineering

UAB is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse, equitable and family-friendly environment in which all faculty and staff can excel and achieve work/life balance irrespective of, race, national origin, age, genetic or family medical history, gender, faith, gender identity and expression as well as sexual orientation. UAB also encourages applications from individuals with disabilities and veterans. A pre-employment background investigation is performed on candidates selected for employment. In addition, physicians and other clinical faculty candidates who will be employed by the University of Alabama Health Services Foundation (UAHSF) or other UAB Medicine entities, must successfully complete a pre-employment drug and nicotine screen to be hired.