Tenure Track Faculty Position in
MR Physics and Image Reconstruction

The Maryland Center for Advanced Imaging Research (MCAIR) within the Department of Diagnostic Radiology & Nuclear Medicine at University of Maryland School of Medicine has an opening for a full-time, tenure track Faculty at the Assistant or Associate Professor level.

Candidates must have a strong background in MR / Imaging Physics and reconstruction techniques. Successful applicants are expected to collaborate with a group of other MR, PET, and other radiological imaging researchers, as well as develop their independent research program.

Applicants must have a Ph.D. degree in Physics, Electrical Engineering, Computer Science, Mathematics, Biomedical Engineering, or related field. The ideal candidate would have demonstrated success in securing funding, and must a successful publication record. Pulse sequence development, working knowledge on a Siemens platform, as well as experience with prospective motion correction of brain MRI will be considered a plus.

The MCAIR houses a research-dedicated whole-body 3 Tesla Siemens Prisma scanner, a Siemens 3 Tesla PET-MR, a 9.4 Tesla Bruker animal MRI, as well as a highly accurate real-time optical system to track head motion. Other resources within the Department are a GE SpinLab dynamic nuclear polarizer suitable for preclinical and clinical applications, and a new GE 3T 750w MR scanner.

This position is tenure eligible, continuing appointment, with academic rank determined based on qualifications. The earliest start date is January 2019.

Interested candidates should send an email to Thomas Ernst, Ph.D. (Thomas.Ernst@umm.edu) with a cover letter highlighting key qualifications and experience, current CV and contact information for a minimum of three referees.

The University of Maryland at Baltimore is an AA/EOE/ADA Employer and encourages applications from women and members of minority groups.

1 http://www.medschool.umaryland.edu/mcair/
2 http://www.medschool.umaryland.edu/radiology/