The Department of Diagnostic Radiology and Nuclear Medicine at the University of Maryland Baltimore, invites applications for a **full-time, tenure-track faculty position at the rank of Assistant/Associate Professor** to support and lead the cardiovascular imaging research program within its Magnetic Resonance Research Center (MRRC). Applicants are expected to have a doctorate degree related to imaging science and a strong track record of peer-reviewed publications in methodology developments and clinical applications related to cardiovascular imaging research. Applicants are also expected to have track record of external funding preferably from federal funding sources. The successful applicant will work closely with the MR Physics group will take the lead in forging multi-disciplinary collaborations in cardiovascular research

At the MRRC the faculty member will have access to state of the art imaging equipment including two research dedicated 3.0 Tesla MRI Systems (GE 750w & Siemens Prisma FIT), a Siemens PET/MRI system and several state of the art Siemens clinical MR systems (both 1.5T & 3T). In addition small animal imaging resources include a 7 Tesla and 9.4 Tesla (March 2018 installation) with cryoprobe from Bruker, a Siemens Inveon microPET/CT system, MR-guided Focused ultrasound system from Image Guided Therapies, and a Perkin Elmer IVIS Spectrum for Bioluminescence and fluorescence studies.

The successful candidate will also have access to the Center for Metabolic Imaging & Therapeutics, a collaborative venture between the hospital system and the School of Medicine to foster multi-disciplinary collaborations and to translate basic science findings to clinical practice. At this center, in addition to the 3.0 GE 750w system, a GE SpinLab™ dynamic nuclear polarizer is available which is suitable for preclinical and clinical applications. Supporting the Hyperpolarization program is also a dedicated small animal 3T MR system. The GE MR scanner is also integrated with two Insightec 1024-element high-intensity focused ultrasound (HIFU) systems (220 & 670 kHz) for image-guided interventions.

Interested applicants should send their applications including a research statement outlining current research activities and interests, a teaching statement summarizing previous and current teaching and mentoring activities, and a current curriculum vitae, via e-mail to bstewart@umm.edu.

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