Scientist, Interventional Cardiac MRI in Memphis, TN

Job Description Summary
Are you looking to make a meaningful impact? Come join our world-class Imaging Team and help shape the future of MRI. The successful candidate will collaborate closely with the staff at LeBonheur Children’s Hospital in Memphis, Tennessee, to develop novel interventional cardiac MRI applications and work with a dynamic team of GE scientists and engineers to design solutions that can be integrated into deployable product frameworks to serve patients around the world.

Essential Responsibilities
- Combine knowledge of MRI, engineering, and clinical needs to design and develop new interventional cardiac MRI applications
- Serve as GE technical lead on collaborative projects with academic partners to generate results that are in alignment with GE roadmap and goals
- Serve as GE technical lead on collaborative projects with 3rd party industry partners to establish the MRI compatibility of complementary technologies and integrate partner technologies to create comprehensive clinical solutions
- Develop concepts to prototypes and release to external GE collaborators following GE MR design controls
- Work with a cross-functional team of engineers and scientists to translate promising prototypes into new products
- Conduct original research resulting in patent applications and scientific publications
- Provide technical expertise and support for projects with internal and external collaborators
- Support interventional cardiac MRI procedures at LeBonheur Children’s Hospital

Basic Qualifications
- Ph.D. in an engineering or science field such as Electrical Engineering, Biomedical Engineering, or Physics
- Strong knowledge of MR physics, device safety, system and hardware design
- Demonstrated experience in research and development
- Experience in hardware design or integration, as well as software design, implementation, and coding
- Outstanding writing, presentation, and communication skills.
- Strong collaboration skills and ability to thrive in a dynamic environment.
- Can-do attitude, flexibility, intellectual curiosity, willingness to work with cross-functional, global teams

 Desired Characteristics
- At least 3 years of experience working in a clinical environment with cardiovascular medical devices
- Familiarity with GE MRI Systems and research on those systems
- Familiarity with GE EPIC Pulse Sequence Development environment and GE Orchestra Reconstruction environment.

Please find more information and apply here:
https://ge.wd5.myworkdayjobs.com/GEHC_ExternalSite/job/Memphis/Scientist--Interventional-Cardiac-MRI_R3736277-1