Assistant/Associate Professor Opportunity at CCIRP
The Stephens Family Clinical Research Institute of the Carle Foundation Hospital is seeking an Assistant or Associate Professor to join our Carle Clinical Imaging Research Program (CCIRP) in Urbana, IL.

CCIRP has existing research programs in 7T MRI physics, translational and clinical neuroimaging at 7T, and musculoskeletal MRI at 3T and 7T. Applicants who will diversify this portfolio in areas such as pharmacologic MRI, movement disorders, cancer imaging, psychiatry, or other clinical neuroimaging applications at 7T are sought.

Carle Health is a vertically integrated healthcare system with almost 17,000 employees, a multi-specialty physician group, 8 hospitals, and health plans. Carle also collaborates extensively with the University of Illinois at Urbana-Champaign through the Carle Illinois College of Medicine, the world's first engineering-based medical school, the Carle Illinois Advanced Imaging Center (CI AIC), and other pathways. The principal focus of the CI AIC is a 7T Siemens TERRA whole-body MRI scanner; an FDA-approved system that is used for both research and clinical purposes and is the only such system in the State of Illinois. Carle also has a Siemens 3T Prisma system, a 3T Vida system and two Siemens 1.5T Sola systems that are available for research.

In addition to the primary appointment at Carle, additional academic appointments are possible in the relevant Illinois departments and at the Beckman Institute for Advanced Science and Technology.

**Essential Standard Job Functions:**
- Conceptualize, design, and lead research projects involving ultra-high field MRI
- Design and write protocols for IRB-approved research studies
- Establish externally funded research program
- Acquire and analyze research data
- Present research at national and international scientific conferences and/or other institutions
- Author or co-author manuscripts and publish scientific papers in peer-reviewed journals
- Maintain familiarity with research literature
- Foster relationships and collaborate with internal and external researchers on research projects
- Provide service to the institution in the form of teaching, mentoring, committee service, and supervising fellows and students
- Provide service to the profession in the form of manuscript review, grant review, service to scientific organizations, etc.
- Provide written progress reports to the department supervisor, mentoring committee, and funding agencies
- Train students and fellows in biomedical research methods and the acquisition and analysis of imaging data

**Specialized Knowledge and Skills Requirements:**
- Expertise in medical imaging, including knowledge of MRI procedures and protocols
- Understanding of regulatory requirements in a clinical setting
- Commitment to service and clinical impact of their work; ability to work in a fast-paced environment with multiple deadlines

**Education and Experience Requirements:** Ph.D. in Biomedical Science, Engineering, Physics, Chemistry, or other discipline related to Biomedical MRI

*Assistant Professor* level candidates will be expected to have post-doctoral experience as a research fellow or staff scientist; experience advising academic trainees; a publication track record along a thematic research line that will support extramural funding applications. Service contributions at the institutional and national levels and evidence of a positive reputation at the national level, and senior-authored publications are desired.

*Associate Professor* level candidates will be expected to have at least 4 years at the Assistant Professor rank; current extramural funding through a renewable grant mechanism; experience advising graduate-level academic trainees to degree completion or postdoctoral trainees to successful professional outcomes; a sustained, multi-year publication track record along one or more thematic research lines, including multiple senior-authored publications; service contributions at the institutional and national levels; evidence of a positive reputation at the national level.

**To Apply:** Please submit a CV and letter outlining relevant experience and research vision to Katie Schroeder, Career Provider Liaison at Katie.Schroeder@carle.com.

For any questions, please contact Dr. Bruce Damon, Director of Center for Clinical Imaging Research, at Bruce.Damon@carle.com.