Position Title: Research Assistant Professor - Prostate Imaging

Req # 03711

The University of Chicago's Department of Radiology seeks a full-time Research Assistant Professor. The primary activity of a Research Assistant Professor is academic research in association with a faculty member or team.

The successful candidate will focus on development of new pulse sequences, image reconstruction techniques, and image analysis algorithms as well as research in prostate and body MR imaging, including imaging pathology correlation and tissue modeling, hybrid MR imaging. Technical contributions to cancer, MRI-guided procedures, and tissue modeling with specific emphasis on compartmental and hybrid MR imaging are of greatest interest to our faculty and their collaborators.

The department's Magnetic Resonance Imaging Research Center (MRIRC) infrastructure includes a Philips 3.0T Achieva dStream scanner and a 3.0T Philips Ingenia dStream scanner. These scanners are fully equipped with advanced instrumentation for imaging, MRI-guided High Frequency Ultrasound and other MRI-guided procedures. The MRIRC also includes a small bore 9.4 T Bruker scanner for studies of animal models of disease, tissues and materials. The MRIRC has a skilled and experienced support staff. MRIRC researchers have access to advanced computing facilities. The laboratories are in the University of Chicago Hospitals, on the University of Chicago campus, in the heart of the historic Hyde Park neighborhood of Chicago. The MRIRC provides ample opportunity for collaboration with medical and basic science faculty at one of the premier research institutions in the world.

Applicants are required to have a doctoral degree in physical sciences, biomedical or electrical engineering, or related discipline.

To be considered, those interested must apply online at the University of Chicago's Academic Career Opportunities website: https://tinyurl.com/y7yqawf8. Applicants must upload a curriculum vitae and cover letter. Review of applications will continue until the position is filled.

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https://tinyurl.com/y7yqawf8