Postdoctoral Fellowship

The University of Chicago: Biological Sciences Division: Department of Radiology

Dr. Aytekin Oto and Dr. Greg Karczmar at the University of Chicago are looking for a postdoc to work on prostate MRI. The successful applicant will work on MRI of human and animal prostates and prostate specimen imaging. The research focuses on development of new MRI methods for diagnosis of prostate cancer, including diffusion imaging, quantitative DCEMRI, and quantitative T2 mapping.

The successful applicant will work with a large multi-disciplinary group of physicians and scientists. The University of Chicago is a leading center for research on prostate cancer screening and treatment. This is a unique opportunity to do translational research that benefits patients. The group is well equipped with two clinical 3T Philips scanners dedicated to research and a 9.4 T small bore scanner for studies of mice and MRI microscopy of tissue. In addition, we have access to a number of clinical scanners for some research projects.

Applicants must have a strong understanding of MRI physics and instrumentation, and excellence in medical imaging research as evidenced by quality in peer-reviewed publications. A background in diffusion MRI, quantitative T2 mapping and DCEMRI is preferred. This position requires a Ph.D. in Health Sciences, Physics, Medical Physics, Electrical Engineering, or Bioengineering.

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To apply, submit email a curriculum vitae a to: Monique Shelton at mshelton@radiology.bsd.uchicago.edu.