Post-Doctoral Fellow Position in MRI of Prostate Cancer

The Center for Advanced Imaging Research in the Department of Radiology of Mayo Clinic is seeking a post-doctoral fellow to work in developing advanced MRI techniques for the imaging of prostate cancer. The position will involve developing pulse sequences and reconstruction techniques to allow improved spatial resolution with increased speed in morphological (T1- and T2-weighted), diffusion, and perfusion imaging. These techniques are expected to be applicable to treatment-naïve patients as well as to assist in treatment planning for radiation therapy and for post-treatment evaluation.

The candidate must have a Ph.D. or equivalent degree in biomedical engineering, electrical engineering, medical physics, or a related field with a strong background in MR physics and computation. Experience in pulse sequence programming is highly desired. The candidate should also have excellent written and oral communication skills. He/she will be expected to participate in both independent and collaborative projects.

The Mayo Center for Advanced Imaging Research offers exceptional resources for this position. This includes two 3T (GE and Philips) and one 1.5 T (GE) state-of-the-art whole body MRI scanners available fulltime for research. This equipment is housed in the imaging research-dedicated Opus Building which also contains extensive office and laboratory space. Also available are the nearby extensive clinical facilities of the Department of Radiology. The department currently performs approximately 3,000 prostate MRI exams per year.

Interested candidates should submit a brief statement of research interests, their curriculum vitae, and contact information of three references to:
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