



## **Post-doctoral Fellow Position in Diffusion/Perfusion MRI of Cancer**

The Center for Biomedical Imaging (CBI) in Department of Radiology at New York University School of Medicine is seeking a motivated postdoctoral fellow to work on developing advanced diffusion and perfusion MR methods for cancer imaging. The position is immediately available. This research position will primarily focus on developing advanced quantitative MRI methods to measure microstructural and functional properties of cancer tissue. The postdoctoral fellow will also use the developed method and other quantitative MRI methods to assess chemo-radiation treatment response of breast cancer, head and neck cancer and brain tumors in clinical and preclinical studies.

The candidate must have a Ph.D. or an equivalent degree in biomedical engineering, electrical engineering or related fields with strong background in MR physics and computer programming. Experience in pulse sequence programming is a plus. The candidate should have excellent written and oral communication skills and will be expected to participate in both independent and collaborative projects. Salary is commensurate with experience.

The CBI provides ample opportunities for collaborative research and access to excellent research facilities including two 7T Bruker MRI scanners for small animal imaging, two 3T Siemens MR scanners (Prisma and Skyra), and a 7T Siemens MR scanner. A whole-body MR-PET Siemens scanner is available and will be utilized as part of the project. The NYU cancer center also provides a dedicated MRI scanner (Tim-Trio) for cancer studies. Opportunities exist for the successful candidate to pursue his/her own research utilizing these imaging facilities within the larger study.

Interested candidates should e-mail a brief statement of research interests, curriculum vitae, and contact information of three references to:

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