Post-doctoral Fellow Position in Breast MRI

A postdoctoral position in multiparametric breast MRI is available at the MRI Research Institute (MRIRI), Weill Cornell Medical College in New York City. This research position will primarily focus on applying machine learning techniques to high impact clinical problems in quantitative breast cancer imaging applications. The project is based on on-going clinical studies that measures fatty acid composition using our recently developed MR spectroscopic imaging method (https://doi.org/10.1002/mrm.28692), as well as vascular and cellular properties using dynamic contrast enhanced and diffusion MRI methods. Our studies are to investigate the association of breast adipose tissue in development and treatment response of breast cancer. The successful candidate will work closely with Drs. Mehran Baboli and Gene Kim.

The candidate must have a Ph.D. or an equivalent degree in biomedical engineering, computer science, electrical engineering, or related fields. Strong background in machine learning would be considered an advantage, but not required. 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 recently formed MRIRI at the Department of Radiology of the Weill Cornell Medical College of Cornell University aims to be a leading center in the development of innovative MRI methodologies and their applications in biomedicine. Research interests at MRIRI in terms of clinical applications cover a wide range of diseases, including, but not limited to, neurological, cardiovascular, and oncologic disorders. Weill Cornell Medical College, located in the upper east side of New York City, has a vibrant biomedical research community and strong ties to the main Cornell campus in Ithaca and the Tech campus in New York City.

Interested candidates should e-mail a brief statement of research interests, CV, and contact information of three references to Mehran Baboli (meb4008@med.cornell.edu).

Diversity is one of Weill Cornell Medicine’s core values and is essential to achieving excellence in patient care, research, and education. We welcome applications from candidates who share our commitment to fostering a culture of fairness, equity, and belonging. Weill Cornell Medicine is an Equal Employment Opportunity Employer, providing equal employment opportunities to all qualified applicants without regard to race, sex, sexual orientation, gender identity, national origin, color, age, religion, protected veteran or disability status, or genetic information.