Post-doctoral Fellow Positions in Diffusion MRI

The MRI Research Institute (MRIRI), Weill Cornell Medical College in New York City, is looking for two highly motivated postdoctoral fellows with strong background in MRI physics and passion for cancer imaging. These two research positions are available in the laboratory of Dr. Sungheon Gene Kim. The primary research focus will be on the development of data acquisition and analysis methods for quantitative diffusion MRI to measure tumor microstructural and functional properties.

The candidate must have a PhD or an equivalent degree in biomedical engineering, computer science, electrical engineering, physics or related fields. Strong background in MR physics, reconstruction algorithms and/or pulse sequence programming is preferred. Prior experience in diffusion experiments and microstructure modeling would be a plus. Experience with Matlab, Python, and Siemens IDEA environments are also desirable. The candidates will be expected to participate in both independent and collaborative projects. Salary is commensurate with experience.

MRIRI is part of a larger imaging research community, including Molecular Imaging Innovation Institute (MI3) and Citi Biomedical Imaging Center (CBIC), in the Department of Radiology at Weill Cornell Medical College. The successful candidates will have access to two 3T whole body MRI scanners dedicated to research in addition to a number of 1.5T and 3T MRI and PET/MR scanners available for translational research at clinical imaging sites. Our facility is also equipped with a 7T preclinical MRI and microPET scanners for small animal imaging. A 7T whole body MRI system is anticipated to be installed over the next one year. 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 University campus in Ithaca and the Cornell Tech campus in New York City.

Interested candidates should email a brief statement of research interests and CV to Dr. Gene Kim (sgk4001@med.cornell.edu). The positions are available to start as soon as possible.

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.