Postdoctoral Fellow Position at
Memorial Sloan Kettering Cancer Center

Position Details:
A position is available in the Department of Medical Physics at Memorial Sloan Kettering Cancer Center (MSK). Our group investigates use of Magnetic Resonance Imaging (MRI) in clinical applications ranging from tumor detection to assessment of treatment response.

The candidate is required to have a Ph.D. in medical physics, electrical or biomedical engineering, computer science, or a related field, with experience in MRI physics. His/her research should focus on image processing and analysis using scientific programming languages, such as MATLAB or C++. Experience in implementation, optimization and validation of MRI pulse sequences is strongly desirable. He/she must have a demonstrated record of high-quality scientific journal publications and strong analytical, writing and verbal skills. The candidate should ideally have an understanding of cancer biology, and will regularly interact with scientists and clinicians in multiple departments.

In this position, the postdoctoral fellow will be encouraged to participate in studies involving advanced MRI techniques, including diffusion weighted MRI, dynamic contrast enhanced MRI, and/or MR fingerprinting. The candidate will work closely with Physicians, as he/she will also be involved in integrating MRI for personalized medicine at MSK.

About Memorial Sloan Kettering:
For the 30th year, MSK has been named a top hospital for cancer by U.S. News & World Report. We are proud to be on Becker’s Healthcare list as one of the 150 Great Places to Work in Healthcare in 2019, as well as one of Glassdoor’s Employees’ Choice Best Place to Work for 2019.

In total, the state-of-the-art clinical facilities within the Department of Radiology at both its main campus and regional locations include 16 MRI scanners (1.5-Tesla and 3-Tesla), 1 hyperpolarizer for MRI, and 1 PET/MRI scanner. Further resources, and imaging equipment are located at the nearby Evelyn H. Lauder Breast and Imaging Center as well as at MSK’s regional facilities. The Department of Radiation Oncology also features state-of-the-art equipment, including two 3-Tesla MRI units dedicated to simulation studies and one MRI-LINAC system.

Applications:
Interested candidates should send an application letter with their current CV to:

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