Faculty Position at the Assistant Level in MRI Research and Development

The MR Imaging and Spectroscopy Physics Program at Memorial Sloan Kettering Cancer Center (MSK) offers a faculty position at the Assistant level in the area of MRI research and development, from pulse sequence programming to image reconstruction, and applications to clinical cancer problems.

The successful candidate will be expected to develop and maintain an active MRI research program, including technical development and translation to clinical practice. The major criterion for selection is evidence of being able to fuse engineering and physics with biology and medicine to promote the development of new MRI methodology for diagnostic and therapeutic applications.

The position will be based at the Department of Medical Physics, which is the center for technical development in imaging and radiotherapy methods at MSK. The candidate will also have the unique opportunity to collaborate with physicians in the Departments of Radiology and Radiation Oncology in particular, as well as with other departments.

Facilities: The candidate will have access to research time at MRI scanners in the Departments of Radiology (1.5T and 3T GE) and Radiation Oncology (3T Philips, 1.5T MR-Linac). MSK has one of the four MR-Linacs in the US. The candidate will also have access to high performance computer servers for the development of advanced image reconstruction and deep learning algorithms. MSK is located on the Upper East Side of Manhattan and is recognized as a world leader in clinical cancer care and research.

Requirements: Candidates should have a PhD in physics, engineering, computer science or a related area with at least two years of experience after graduation. The successful candidate is expected to have demonstrated an outstanding record of research accomplishments and the potential for future exceptional research.

To apply: The first phase of the application consists of submitting electronically a CV and a career statement to:

Ricardo Otazo, PhD
Chief, Magnetic Resonance Imaging and Spectroscopy Physics
otazotoj@mskcc.org

The career statement should include your achievements and plans for the position. Applications will be received until January 31, 2020

MSK is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply and will receive consideration without regard to race, color, gender, gender identity or expression, sexual orientation, national origin, age, religion, creed, disability, veteran status or any other factor which cannot lawfully be used as a basis for an employment decision.

Federal law requires employers to provide reasonable accommodation to qualified individuals with disabilities. Please tell us if you require a reasonable accommodation to apply for a job or to perform your job. Examples of reasonable accommodation include making a change to the application process or work procedures, providing documents in an alternate format, using a sign language interpreter, or using specialized equipment.