Department of Radiology, Stony Brook University School of Medicine is seeking a MRI scientist to fill a Tenure-track or Tenured Assistant, Associate or Full Professor position. Successful candidate will have expertise in MRI methodology development in cancer or neurological disorders.

Required qualifications include: a PhD and/or MD degree in a relevant field, a track record in MRI methodology, independently funded research program, and mentoring trainees. Preferred qualifications include: expertise in MRI pulse sequence development, experience in imaging research in cancer or neurological disorders (animals and/or humans), and excellent leadership and communication skills.

Stony Brook University pioneered researches in areas of MRI (Dr. Paul Lauterbur, PhD, 2003 Nobel Laureate on the invention of MRI), positron emission tomography (PET) technologies, hyperpolarized MRI of the lung, CT colonoscopy for early colon cancer screening, and low-dose X-ray tomosynthesis, now with widespread clinical applications. Stony Brook University is also known for its research in physics (Dr. CN Yang, 1957 Nobel Laureate), mathematics, computer sciences, biomedical engineering, biomedical informatics, and neuroscience. School of Medicine Research Strategic Plan (2018-2022) will invest in: Cancer, Neuroscience, Cardiovascular health, Immunology/Infection, Biomedical Imaging, and Biomedical Informatics.

The Department of Radiology has 60+ clinical faculty and 15 PhD faculty working on various imaging modalities with an emphasis on MRI and PET. Some of the human imaging resources include a 3T Siemens MR-PET, a 3 Tesla Siemens Prisma, a cyclotron, and radiochemistry laboratories for short-lived radiotracers, along with a supportive infrastructure for human studies. Some of the preclinical imaging resources include a Bruker 7.0 Tesla MRI with a PET insert, a Bruker 9.4 Tesla MRI with a PET insert, a Siemens Imveon PET/SPECT/CT, and an IVIS bioluminescence scanner, along with a supportive infrastructure for animal, behavioral and histological investigation. The Radiology Department is home to long-standing CAMPEP-accredited Medical Imaging Physics PhD and residency programs. On the clinical side, Stony Brook University Health Science Center with 1330+ faculty is the only academic health science center on Long Island with a population of 3 millions. Stony Brook University is located on Long Island, New York, 50 miles from NYC. For more info, visit https://medicine.stonybrookmedicine.edu/radiology.

For inquiries only, please contact Dr. Tim Duong, PhD, Professor and Vice Chair for Research, Chair of the Search Committee Radiology_research@stonybrookmedicine.edu

To apply, follow instruction below:

Descriptive Title: Tenure-track or Tenured Assistant, Associate or Full Professor REF#: F-9796-17-07
Budget Title: Same as above
Faculty Position
Department: Radiology
Campus: Stony Brook West Campus/HSC
Salary: Commensurate with experience

**Required Qualifications:** PhD and/or MD degree in a relevant field. Track record in MRI methodology. Track record independently funded research program. Track record in mentoring trainees. Majority salary support by extramural grand funding.

**Preferred Qualifications:** Expertise in MRI pulse sequence development. Experience in imaging research in cancer or neurological disorders (animals or humans). Excellent leadership and communication skills.

**Responsibilities & Requirements:** Clinical: None
Academic: Teaching Responsibilities for all staff
Research: Develop independent and funded research programs in all imaging, advance School of Medicine, Radiology Clinical, research and educational missions. Provide research leadership to junior faculty, postdoctoral associates, undergraduate and graduate student.

**Special Notes:** This is a tenure track position. FLSA Exempt position, not eligible for the overtime provisions of the FLSA. Internal and external search to occur simultaneously.

**Anticipated Start Date:** As soon as possible.

*Pursuant to Executive Order 161, no State entity, as defined by the Executive Order, is permitted to ask, or mandate, in any form, that an applicant for employment provide his or her current compensation, or any prior compensation history, until such time as the applicant is extended a conditional offer of employment with compensation. If such information has been requested from you before such time, please contact the Governor's Office of Employee Relations at (518) 474- 6988 or via email at info@goer.ny.gov.*

**Stony Brook University is 100% tobacco-free as of January 1, 2016. See our policy and learn more at stonybrook.edu/tobaccofree.**

The selected candidate must successfully clear a background investigation.

**Application Procedure:** Those interested in this position should submit a State Employment Application, cover letter and resume/CV to:

For a full position description, or application procedures, visit: [www.stonybrook.edu/jobs](http://www.stonybrook.edu/jobs) (Req. # F-9796-17-07)

**Stony Brook University is an Affirmative Action/Equal Opportunity employer. We encourage protected veterans, individuals with disabilities, women and minorities to apply.**

Apply Here: [http://www.Click2apply.net/4378ygp24jf4ptgh](http://www.Click2apply.net/4378ygp24jf4ptgh)