Principal Research Scientist/Research Associate - Magnetic Resonance Imaging - CUNY Advanced Science Research Center

Job ID: 29946

Compensation: $90,375-$100,000/year

Closing Date: Open until filled

CAMPUS SPECIFIC INFORMATION

The Graduate Center of the City University of New York
(CUNY) is the focal point for advanced teaching and research at CUNY, the nation's largest urban public university. With over 35 doctoral and master's programs of the highest caliber, the Graduate Center fosters pioneering research and scholarship in the arts and sciences and prepares students for careers in universities and the private, nonprofit, and government sectors.
The Graduate Center's commitment to research and scholarship for the public good is exemplified by its more than 30 centers, institutes, and initiatives, including its Advanced Science Research Center (ASRC), a 200,000 square-foot facility in upper Manhattan, designed to promote collaboration among scientists in five areas of global research and innovation: nanoscience, photonics, structural biology, neuroscience, and environmental sciences.

The Graduate Center benefits from highly ambitious and diverse students and alumni-who in turn teach hundreds of thousands of undergraduates every year. Through its public programs, the Graduate Center enhances New York City's intellectual and cultural life.

ASRC seeks a Principal Research Scientist/Research Associate to join the ASRC's MRI facility. Reporting to the MRI Facility Director, the Principal Research Scientist/Research Associate is responsible for maintaining the MRI facility according to standard facility operating procedures and contributing to related research activities.

This position requires the incumbent to work in person.

Duties include but are not limited to:

- Works closely with the Facility Director on state-of-the-art technology upgrades to the facility, including but not limited to: x-nuclei magnetic resonance spectroscopy, real-time fMRI neurofeedback, whole body MRI, integration of multimodal recordings with MRI such as EEG, eye-tracking, physiological as well as non-invasive stimulation, i.e. electric and magnetic stimulation (TES, TMS), transcranial near infared radiation, focused ultrasound, etc.
- Develops research plans and contributes to funding applications
- Collects, processes, and analyzes neuroimaging data from research subjects
- Writes and publishes findings
- Manages local and cloud databases, assists user access to data storage and computational resources

- Maintains, updates, and installs lab equipment, computers and software
- Compiles dataand figures
  for general reporting, website information, and scholarly publications
- Complies withpolicies and procedures protecting research subjects' rights for informed consent and the handling of confidential information as defined by the ASRC MRI Facility's rules and regulations
- Contributes to the overall research goals and objectives of the MRI Facility research community
- Performsother related duties assigned.

Minimum Qualifications:

Doctoral Degree in a related field and demonstrated research ability.

Benefits:

CUNY offers a comprehensive benefits package to employees and eligible dependents based on job title and classification. Employees are also offered pension and Tax-Deferred Savings Plans. Part-time employees must meet a weekly or semester work hour criteria to be eligible for health benefits. Health benefits are also extended to retirees who meet the eligibility criteria.

How to Apply:

Go to http://cuny.jobs/ and search for Job ID **29946.**

Please click on "Apply Now" which will bring you to the registration screen. If you are a new user, you must register to apply. If you already have a user ID, please use your existing ID to apply. Please submit a cover letter, resume and a cover letter, curriculum vitae, and names and contact information for three (3) professional references (name, title, organization, phone number, and email) in Word or PDF format.

Equal Employment Opportunity:

CUNY encourages people with disabilities, minorities, veterans and women to apply. At CUNY, Italian Americans are also included among our protected groups. Applicants and employees will not be discriminated against on the basis of any legally protected category, including sexual orientation or gender identity. EEO/AA/Vet/Disability Employer.