Research Fellow
RF/Electronics Engineer

Interested candidates are invited to apply for a research position at the Center for Biomedical Imaging in the New York University Grossman School of Medicine (NYU). The successful applicant will join a multidisciplinary, biomedical research team focusing upon hardware and software development for translational neuroscientific applications. The principle project line comprises design and production of multiband microwave devices for the diagnosis of stroke and other neurological diseases using low-profile, fast and mobile instrumentation capable of conducting S-parameter measurements in large arrays.

The position is open to applicants with a Master’s or Ph.D. in physics, electrical engineering, or MRI-related fields within biomedical engineering. Candidates with a background in RF electronics, communications, and/or antenna design are encouraged to apply. Prior biomedical (human or non-human) research experience is favored. Proficient technical computing in Matlab, python, or related environments is prerequisite. A record of peer-reviewed journal publications will be weighed strongly in the consideration of prospective applicants. Motivated individuals will have the opportunity to engage in independent research within the context of the study.

The Center for Biomedical Imaging is located on the East River in midtown Manhattan. It hosts the Center for Advanced Imaging Innovation and Research (CAI²R), and is embedded within the NYU Department of Radiology. The CAI²R brings together a vast assembly of senior and support personnel, and the state-of-the-art in technological resources related to basic and translational biomedical imaging.

Salary will be commensurate with experience and includes a comprehensive benefits package. Subsidized housing within walking distance to the laboratory may be offered depending on availability. A one-year time commitment is expected, with potential for extension. Interested applicants are invited to send a CV, statement of research interest, and contact information with 2-3 references to Seena.Dehkharghani@NYULangone.Org.
Seena Dehkharghani, MD
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