Postdoctoral fellowship

Reversing Diabetic Peripheral Neuropathy with Exercise Therapy

Applications are invited for a postdoctoral fellowship position at the Center for Biomedical Imaging in the New York University School of Medicine (NYU). The successful candidate will join a multidisciplinary team of researchers and physicians on two NIH-funded projects that focus on diabetic peripheral neuropathy. The overarching goal is to use MRI to explore new biomarkers as a means for assessing therapy response. Responsibilities will include carrying out and interpreting MRI measurements for two ongoing prospective studies. In addition, the successful applicant will have the exciting opportunity to investigate therapeutic strategies in direct collaboration with the NYU Department of Physical Therapy.

The position is open to applicants with a Ph.D. in biology, chemistry, or MRI-related fields within biomedical engineering. Candidates with a background in diabetes, neuropathy or metabolic imaging are encouraged to apply. Motivated individuals will have the opportunity to engage in independent research within the context of the study. Self-driven work attitude is a must. Experience with the Siemens MRI platform and high-level software such as Matlab is preferred but not required. A record of peer-reviewed journal publications is a plus.

The Center for Biomedical Imaging is located in midtown Manhattan. It hosts the Center for Advanced Imaging Innovation and Research (CAI²R), and is embedded within the NYU Department of Radiology. This arrangement brings together a vast collection of human and technological resources in basic MR science and clinical applications.

Salary is commensurate with experience and includes a comprehensive benefits package. Subsidized housing within walking distance to the laboratory may be offered depending on availability. A two-year time commitment is expected, with a possible extension. Interested applicants are invited to send a CV, statement of future research interests in the context of prior work, and contact information of 2-3 references to Ryan.Brown@nyumc.org.