Research Fellow
Rochester, MN

Why Mayo Clinic
The Research shield at Mayo Clinic is committed to creating a diverse environment and recognizes that diverse research teams make better decisions, are more equipped to solve complex problems and adapt to change and produce better outcomes. That diversity is about opening to unconventional ideas that create better outcomes, while recognizing colleagues' unique contributions. Become part of the legacy that embraces these differences and enables us to provide the best care to patients from all over the world.

Mayo Clinic offers a variety of employee benefits. For additional information please visit Mayo Clinic Benefits. Eligibility may vary.

Position description
A Research Fellow opportunity is available in the Department of Radiology at Mayo Clinic, in Rochester, Minnesota. The candidate of choice will work on projects analyzing PET images primarily to assess neuroinflammation in neurodegenerative disease and exploring biological relationships between neuroinflammation and other aspects of brain dysfunction to provide insights into disease mechanisms. Analyses will involve assessing neuroinflammation PET in specific regions of the brain and at the voxel-level across the whole brain, and performing multi-modal analyses of PET with other MRI and PET biomarkers, such as MRI volume, diffusion tensor imaging, and metabolism on \(^{18}\)F-fluorodeoxyglucose PET. The role will involve writing manuscripts for publication and presentation of results at National and International conferences. A background in computer programming and/or medical image analysis is preferred.

A Research Fellow at Mayo Clinic is a temporary position intended to provide training and education in research. Individuals will train in the research program of a Mayo Clinic principal investigator. Qualified individuals will demonstrate the potential for research as evidenced by their training and peer-reviewed publications and should become competitive for national research grants. Proof of English proficiency is required for J-1 Short-Term Scholars, Research Scholars, Professors, Specialists, and Student Interns sponsored by Mayo Clinic.

The following is required for completeness of application:
- Current curriculum vitae with bibliography
- Proof of doctoral degree (copy of diploma or final transcript with English translation, if applicable) or a letter from your university's Registrar office indicating you have fulfilled all doctoral program requirements and are eligible to graduate.

Please also be prepared that you may be asked to provide three letters of recommendation to the hiring PI prior to an interview.
Qualifications
Must have a Ph.D., M.D., or equivalent doctoral degree in a field deemed relevant by the program. Research Fellow is appropriate for individuals who have completed no more than one prior postdoctoral fellowship, at Mayo Clinic or elsewhere.

Additional qualifications
A background in computer programming and/or medical image analysis is preferred.

Site description
Mayo Clinic is located in the heart of downtown Rochester, Minnesota, a vibrant, friendly city that provides a highly livable environment for more than 34,000 Mayo staff and students. The city is consistently ranked among the best places to live in the United States because of its affordable cost of living, healthy lifestyle, excellent school systems and exceptionally high quality of life.

Apply URL
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