

Mayo Clinic

Rochester, MN

Research Fellow - Radiology

Innovation and compassion are paramount to providing world-class medical care to patients from all over the world. We lean on the variety of perspectives and backgrounds of our colleagues' to continuously challenge ourselves and to create a workplace that supports diversity, equity, and inclusion. Become part of the legacy that embraces our differences and enables us to provide the best care to patients from all over the world.

A Research Fellow position is available in Dr. John Huston program in the Department of Radiology at Mayo Clinic in Rochester, Minnesota. The Research Fellow will work on a multimodal project to study cerebral tissue and fluid dynamics in vivo with MRI using:

- * Phase contrast MRI
- * Diffusion-weighted imaging
- * Magnetic Resonance Elastography (MRE)

The research fellow will use these data in addition to standard clinical imaging to study disease mechanisms and provide clinical information in CSF dynamics disorders.

The successful candidate must have coding experience (MATLAB or Python), and ideally would also have experience in some of the following areas:

- * Neuroimaging post-processing packages (e.g., SPM, FSL, AFNI, ANTs)
- * Finite element or finite difference modeling
- * Statistical analysis

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. 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.

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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