Research Fellow – Neurology Bioinformatics-
Rochester, MN

Heal the sick, advance the science, share the knowledge.

You are invited to partner with the nation’s best hospital (U.S. News & World Report 2017-2018), ranked #1 in more specialties than any other care provider. Practicing at Mayo Clinic provides a rewarding career that promotes excellence in patient-centered care. You can thrive in an environment that supports innovation and has a wealth of resources available to you – including an integrated EMR and collaboration with top specialists – to give your patients the quality of care you want to achieve.

A Research Fellow opportunity is available in the Department of Neurology at Mayo Clinic, in Rochester, Minnesota. The candidate of choice will work on multi-modality analyses involving structural MRI, functional MRI, molecular PET imaging and histopathology in subjects with autopsy confirmed Alzheimer’s disease in order to uncover novel biological relationships between imaging characteristics of Alzheimer’s and the underlying brain pathologies.

This position will require experience in machine learning or artificial intelligence. Some knowledge of neuroscience would be beneficial. The role will involve the development and application of unique tools that can be utilized to identify complex patterns or relationships in large datasets. Writing of manuscripts for publication, and presentation of results at national and international conferences are encouraged.

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.

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. Please attach the following required documents at the time of application.

- Current curriculum vitae and bibliography
  - Three letters of recommendation, signed, on letterhead, describing:
    - Relationship to the applicant.
    - Past work/academic performance.
    - Work qualities/personal conduct.
- Overall assessment of potential for success in research environment.
- Doctoral degree certification, if applicable:
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