FACULTY (ASSISTANT PROFESSOR), TIRN – NEUROLOGY, MCGOVERN MEDICAL SCHOOL

McGovern Medical School at UTHealth Houston, Department of Neurology, is seeking a data scientist with expertise in clinical informatics or neuroinformatics, as well as research interests focused on neurological diseases, to join the Texas Institute for Restorative Neurotechnologies as a Research-Track Assistant Professor.

The prospective candidate would be able to participate in neuroinformatics initiatives, engage in field-leading research, assist in developing grant proposals, and collaborate on and submit research findings for publication to advance scientific knowledge. Research expertise/knowledge, demonstrated by peer-reviewed publications in data science, biomedical informatics, machine learning, AI, and healthcare applications, is most preferred.

Position Key Accountabilities

- Work independently and collaborate on research projects that will focus on developing and conducting quantitative and qualitative research in areas of biomedical informatics and AI and healthcare applications.
- Participate in committees at the school and university levels, contribute to the broader community, and help enhance curriculum for medical students, resident, fellows, and post-docs.
- Mentor post-docs and graduate student research assistants in research and development activities.
- Participate, develop, and increase the scope of collaborative and funded – program portfolio for the institution. Independent extramural funding is encouraged, but not required.
- Assist the UTHealth Chief Data Scientist in strategic planning and operational activities across school and inter-institution collaborations involving health data.

Qualifications:
- Doctorate Degree (Ph.D.) in related research environment with verifiable publications
- History of participation and contribution in extramural research funding activities
- Outstanding research, interpersonal and communication skills

Preferred Qualifications:
- Expertise in using machine learning and AI technologies to address healthcare problems
- Experience in using information technology to manage and process data sets in conjunction with electronic health records in the context of creating a data ecosystem and for domain-specific disease registries and repositories
- Background in neuroinformatics, ontologies, and big data

Please visit the following link to apply: https://uth.referrals.selectminds.com/faculty (search 250000KL)

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