



Postdoctoral Associate at CMRR

Applications are invited for a post-doctoral position at the [Center for Magnetic Resonance Research](#), University of Minnesota for multi-modal neuroimaging data analysis and management.

The successful applicant will be the lead MR analyst in a multi-institutional, multi-national clinical trial readiness study ([READISCA](#)) and join a multi-disciplinary team of investigators with expertise in MR physics, quantitative neuroimaging, clinical outcome measures and biostatistics. The overall goal of the project is to identify the earliest and progressive changes detectable non-invasively in the brain in neurodegenerative disease, specifically in spinocerebellar ataxias.

CMRR is home to some of the most advanced MR instrumentation in the world, complemented by human resources that provide unique expertise in imaging physics, engineering, and signal processing. No single group of scientists can successfully carry out all aspects of this type of interdisciplinary biomedical research; by bringing together these multi-disciplinary capabilities in a synergistic fashion, facilitating these interdisciplinary interactions, and providing adequate and centralized support for them, CMRR amplifies the contributions of each of these groups of scientists to basic and clinical biomedical research.

The position requires a PhD in Physics, Chemistry, Neuroscience, Computer Science, Biomedical Informatics, Computational Biology, Biomedical/Electrical Engineering or a related field. Experience with image analysis (e.g. Unix environment, programming/scripting in Matlab, Bash, Python), with minimum of 2 years of experience, is required. Demonstrated ability to conduct collaborative research and excellent communication skills are essential. Prior experience in clinical research and in the fields of neuroscience, and magnetic resonance imaging and/or spectroscopy and experience with code base management platforms is a plus.

This position is full time, immediately available and co-funded by NINDS and Biogen. Questions regarding this position may be sent to [Dr. Gülin Öz](#). She will be at [ISMRM](#) and will be happy to meet with candidates in London. Please submit applications at the University of Minnesota job site at the link below; applications sent by email will not be accepted.

[APPLY HERE](#)

Posting requisition number: 346698

