Post-Doc position
Open immediately
(100% appointment)

Qualifications
Required:
• PhD in physics, chemistry, biophysics, biochemistry, biomedical engineering, computer science, neuroscience or similar fields
• Experience acquiring and analyzing magnetic resonance spectra or images
• Track record of scientific publications

Preferred:
• Experience in acquiring MRI and MRS data from human subjects
• Experience acquiring and analyzing MR spectroscopy data
• Commitment to team science and multi-departmental collaboration
• Good communication skills
• Experience working with research participants and/or clinical patients

Duties/Responsibilities
The Department of Radiology at the University of Minnesota seeks a scientist to join a collaborative research developing software tools for acquiring and analyzing MRS data in brain cancer. The research will be conducted at the University’s world renowned Center for Magnetic Resonance Research (CMRR), in collaboration with various colleagues from the CMRR and other collaborating institutions.

Primary responsibility will be to test algorithms and sequences developed by other team members and acquire high-quality localized spectra from patients with brain tumors at 3 T. Additional responsibilities will be spectral processing, critical analysis of data quality, archiving data, summarizing results, preparing manuscript and presentations, interacting with other team members and collaborators, mentoring students, and pursuing research and other scholarly activities.

To apply, follow the link:
https://hr.mvu.umn.edu/jobs/ext/351806

Email Malgorzata Marjańska (gosia@umn.edu) for more information.

The University of Minnesota shall provide equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.