The Magnetic Resonance Technology and Use Design (MRTUD) group, led by Jim Pipe in the Mayo Clinic's Department of Radiology, has an opening for a Research MR Technologist / Radiographer. This person will work with our team, helping to design, build, and test comprehensive technologies for exciting next-generation MR imaging for clinical use. As a group, we design technologies ranging from rapid pulse sequences to on-scanner uses of AI to more intuitive user interfaces, and are also exploring how these new scanner technologies can produce expansive and robust improvements in patient care. We greatly value the perspective of a motivated and trained MR Technologist / Radiographer to help us reach that goal.

The successful candidate will scan research patients, help with research studies (including working with the IRB and study coordinators), assist with labeling and segmenting of basic anatomy on MR images (for our AI work), perform various other post-processing on a limited basis, interact with Clinical operations (including technologists, medical physicists, and Radiologists), have a small amount of administrative duties. Active participation in SMRT and other outlets for career growth will be encouraged.

**Candidate Qualifications.** We are seeking applicants with RT(R)(MR) credentials, and the following strengths:

• Strong communication and teamwork skills,
• Substantial experience in clinical MR scanning,
• Strong experience with imaging research at some level,
• Understanding of basic MR physics and pulse sequences,
• Comfort and familiarity with new MR methods,
• Experience and comfort with post-processing tools and general computer use,
• Experience with Philips scanners

**Facilities and Environment:** Scan development will primarily occur on Philips 3T and 1.5T systems dedicated to research. Our group is housed in the new One Discovery Square building ([onediscoverysquare.com](http://onediscoverysquare.com)), part of a ~$5 billion dollar catalyst investment in the city of Rochester ([dmc.mn](http://dmc.mn)). Mayo is consistently ranked the #1 hospital in the USA, and Rochester is a beautiful small (but rapidly growing) city, consistently ranked as one of the best places to live in the USA. It is an easy, family-friendly place to live, just a one hour drive south of Minneapolis.

Lab URL: [https://www.mayo.edu/research/labs/magnetic-resonance-technology-use-design/](https://www.mayo.edu/research/labs/magnetic-resonance-technology-use-design/)

If interested, please send an email with resume to pipe.james@mayo.edu.