Magnetic Resonance Imaging (MRI) Scientist
Calimetrix, LLC

About Calimetrix
Calimetrix was launched in 2016 by physicians and researchers from the University of Wisconsin-Madison. We are dedicated to the development of advanced quantitative MRI phantoms to meet the needs of the MR clinical and research communities. Our phantoms are helping our customers around the world facilitate clinical trials, provide quality assurance, and develop and test new quantitative imaging biomarkers.

We are proud of Calimetrix’s company culture. We recognize that everyone has a life outside of work, and we work to support each other so that we can prioritize what’s important to each of us, both inside and outside of work. We also care deeply about the integrity of the field of quantitative MRI. Our goal is to develop practical products that improve confidence in quantitative imaging biomarkers, increasing the value of those biomarkers to the clinical and scientific communities.

Job Description
The Magnetic Resonance Imaging (MRI) Scientist is a full-time research and product engineering position that will work collaboratively with Calimetrix and the University of Wisconsin teams to assist with product development, to scan phantoms using MRI as part of product verification and research, and in the completion of other job responsibilities. The job location is in Madison, WI, but some travel (less than 10%) may be required for conferences or for client or supplier site visits.

**Job Status:** Full Time (A part-time version of this position may be available for the right candidate.)

**Job Location:** Madison, WI

**Job Responsibilities**
- Work with Calimetrix team to research, develop, and manufacture phantom products.
- Work with academic and commercial partners as needed for the development and evaluation of new products.
- Perform MRI-based product verification, research scanning, and data analysis.
- Participate in development of Calimetrix Quality Management System (QMS) including documentation of new products, development of Standard Operating Procedures, and other documentation.
- Document work following Calimetrix QMS.
- Participate in management of Calimetrix lab equipment and facilities, as needed.
- Actively participate in team meetings, including reporting on ongoing activities.
• Exhibit rational decision-making in all activities.
• Other duties as assigned by Calimetrix Senior Leadership Team.

**Required Qualifications**

• PhD or 3-6 years of relevant experience with MS. Degree in engineering, medical physics, or equivalent program.
• Knowledge of MR physics.
• At least 1 year of experience independently operating an MRI scanner.
• Experience working in Unix/Linux environments.
• Experience performing image analysis using Matlab, Python, or similar software tools.
• Strong analytical and problem-solving skills.
• Ability to work independently and to determine next steps in a project.
• Desire and ability to work well in a tight-knit, flexible, multi-disciplinary team.
• Excellent communication skills.
• Ability to transport phantoms from Calimetrix facilities to scanner location.
• Ability and desire to learn about Calimetrix products, customers, and product applications.
• Comfortable working in a rapidly changing start up environment.
• Fluent in written and spoken English.
• Candidate must be authorized to work in the U.S.

**Additional Desired Qualifications**

• Experience operating GE Healthcare MRI systems.
• Experience with quantitative imaging biomarkers.
• Experience with phantom construction methods.
• Experience in developing web-based tools that can transmit data through institutional firewalls.
• Experience with Python, Matlab, batch scripting in Linux, and knowledge/application of html, javascript, etc.

**Contact**

Please contact Jean Brittain at [jbrittain@calimetrix.com](mailto:jbrittain@calimetrix.com) if you are interested in learning more!