

Job Title: Clinical MRI physicist

The Division of Medical Physics in the Department of Radiology at Mass General Brigham (MGB) is seeking a highly motivated full-time radiology medical physicist who has a strong interest and expertise in clinical MRI physics. This is a unique opportunity to build a clinically focused career at a top-tier academic medical center, with additional opportunities in teaching and research.

Being one of 5 members in the Non-Ionizing Radiation Physics group among the total of 19 members in the Division of Medical Physics, the successful candidate will directly report to the Director of Non-Ionizing Radiation Physics group and support onsite clinical physics activities across the MGB enterprise in MRI modality as well as in ultrasound (US), as needed.

MGB is a world-class integrated healthcare system, comprising Massachusetts General Hospital (MGH), Brigham and Women's Hospital (BWH), and a network of affiliated community hospitals and ambulatory imaging sites. The Department of Radiology is nationally recognized and equipped with state-of-the-art imaging technology, including PET/MRI and 7 T MRI scanners at the clinical and its affiliated research site of Martinos Center for Biomedical Imaging, and offers a collaborative and innovative academic environment with strong opportunities for career development, professional growth, and research collaboration. This is a full-time, hospital-funded position and the faculty appointment at Harvard Medical School will be considered, with academic rank and salary commensurate with experience and qualifications.

Key Responsibilities

- Perform acceptance testing and annual physics evaluations for MRI and/or US imaging modalities across the MGB network.
- Provide physics support for accreditation programs and ensure compliance with applicable regulatory and accrediting bodies.
- Provide physics support and assistance in clinical MRI safety, image quality assurance, protocol optimization.
- Provide research support for the advanced MRI techniques, as needed.
- Participate in the MGB Radiology Residency physics education program and contribute to teaching and training activities at Harvard Medical School.

- Provide physics support for departmental research projects and pursue independent, investigator-initiated research in relevant areas of clinical physics.
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Qualifications

- PhD in MRI physics, medical physics, engineering or a closely related field.
- Board certification or eligibility in ABR diagnostic medical physics or ABMP MRI physics (or equivalent).

Application

Interested applicants are invited to submit their cover letter, CV and a list of 3 references to Seonghwan Yee, Ph.D., MGB Director of Non-Ionizing Radiation Physics (syee7@mgh.harvard.edu).

Additional Job Details (if applicable)

Remote Type

Hybrid

Work Location

Hybrid

Scheduled Weekly Hours

40

Employee Type

Regular

Work Shift

Day (United States of America)

Equal Employment Opportunity Statement

MGB is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related conditions or any other characteristic protected by law. By embracing diverse skills, perspectives and ideas, we choose to lead. Applications from protected veterans and individuals with disabilities are strongly encouraged.