The Division of Medical Physics at The University of Vermont Medical Center (UVMMC) is seeking a board-certified MRI physicist to join our multispecialty group. This position will support both the clinical and academic missions related to MRI. The successful candidate will hold a clinical position at the UVMMC as well as faculty appointment (non-tenure track) at the University of Vermont Larner College of Medicine, commensurate with education and experience.

The Medical Center is located on the eastern shore of Lake Champlain with beautiful views of the Adirondacks to the west and the Green Mountains a few miles to the east. Voted as one of the best places to live in Outside Magazine, outdoor activities abound year round. There are vibrant food and music scenes as well as good schools and social services. Carrying the distinction of having the smallest largest city (Burlington, approximately 40,000) of any state, Vermont has more to offer than might be suggested by its size.

The institution has a full complement of modern Philips MRI technology, including a dedicated Achieva dStream 3T research scanner and MRI simulator. The UVM MRI Center for Biomedical Imaging was founded in 2007 to support research at the Larner College of Medicine and is currently one of the sites conducting the largest longitudinal study of the developing brain ever undertaken.

The MRI physicist will provide technical expertise in the safe and efficacious use of MRI imaging techniques. This includes ACR annual quality testing, MR physics education for resident board preparation, and MR safety expert (MRSE) support for clinical cases. This will involve regular collaboration with radiologists and technologists. The incumbent will provide oversight and administration of the MR Safety and MR QA committees, and lead implementation and planning for MR technology improvements.

The MRI Physicist will support the teaching and research missions of the University of Vermont by participating in resident education and clinical research activities within the Department of Radiology. Faculty physicists often also teach undergraduate courses related to their subspecialties.

The successful candidate will join the Medical Physics Division of Radiology. This group is unique in its multispecialty composition: consisting of 9 physicists specializing in therapeutic (radiation oncology), nuclear medicine, radiation safety, MRI, and diagnostic imaging physics. The diverse expertise of the group leads to much opportunity for collaboration. For example, the MRI physicist will collaborate with the therapy physicists to develop a program for MRI simulation of radiation oncology patients.

**Required education and experience:**

A PhD in medical physics, imaging science, or other relevant physical or engineering science and at least 3 years of clinical experience is required.

Must be certified in Diagnostic Imaging Physics or Magnetic Resonance Imaging Physics by the American Board of Medical Physics; Diagnostic Radiological Physics or Radiological Physics by the American Board of Radiology; or Diagnostic Radiology Physics or Magnetic Resonance
Imaging Physics by the Canadian College of Physicists in Medicine. ABMP certification in MRI physics preferred.

American Board of Magnetic Resonance Safety (ABMRS) MRSE or MRSO certification must be obtained within 1 year of the date of hire.


Please note cover letter and CV may need to be combined into a single document for uploading to the HR website. In addition to the online application (required), you may also submit cover letter and CV to

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