The Massachusetts General Hospital (MGH) is seeking a faculty medical physicist to support clinical photon and proton radiation treatments within the Department of Radiation Oncology’s Division of Radiation Biophysics. The Division of Radiation Biophysics provides services for the Department of Radiation Oncology at MGH, which has repeatedly been named one of the top hospitals in the nation. The members of our Physics Division oversee operations of 6 linear accelerators, brachytherapy, intra-operative radiation therapy, and a proton therapy center with 3 treatment rooms at the main campus. A second proton facility is nearing completion and will be operational in late 2019. We also provide physics services for 5 affiliate clinics. We have a vibrant research group with programs in simulation and optimization research, proton technology, and therapy imaging, with participation in research activities strongly encouraged for incoming staff members. The successful candidate will join a diverse team of professionals whose mission is to improve clinical outcomes by leading innovative research, development, clinical application of imaging techniques, multimodality therapies, and computational methods while providing patients with the highest level of safety, efficiency, and accuracy of their treatments.

Under the direction of the Director of Clinical Physics, the successful candidate will provide full time clinical medical physics coverage in the Department of Radiation Oncology at MGH; including, but not limited to, regular clinical physics coverage, participation in commissioning, upgrade, repair, acceptance testing, monthly and annual QA of treatment equipment. Position responsibilities also include clinical trouble shooting, initial and weekly chart checks, treatment planning consultation and other routine clinical physics responsibilities. The medical physicist will also assist in teaching and supervising the training of Radiation Oncology Medical Residents and Medical Physics Residents. The successful individual will have shared responsibility for all quality assurance and maintenance of a LINAC and will contribute to the surface imaging program at MGH. The successful individual will primarily work in the photon physics group but will be expected to eventually contribute to proton physics activities. The individual will be expected to play a leading role for one or several special areas of clinical physics support, including the maintenance/upgrade of a clinical software/hardware system, the implementation/quality control of a treatment technique, the development of quality assurance procedures, etc. as determined by the clinical physics leadership based on the need of the Department. The individual will be encouraged to participate in developmental efforts on various clinical physics projects and develop clinical expertise for at least one major treatment site. The ideal candidate will have an emerging track record in clinical contribution and academic development. Appointment as an Instructor or Assistant Professor at the Harvard Medical School will be commensurate with experience, training, and achievements in addition to teaching activities.

Candidates must have a Ph.D. in Physics or related fields, with board certification (or eligibility) for therapeutic medical physics from the American Board of Radiology (or equivalent) required. Two to five years of clinical experience in the radiation oncology clinic or in a related field is required.

To apply for this opportunity, please visit the MGH Career Opportunities Website at http://www.massgeneral.org/careers/.

For further questions regarding this position, please contact David Gierga, PhD, Director of Clinical Physics Operations, dgierga@mgh.harvard.edu

We are 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.