The Department of Radiology at Brigham and Women’s (BWH) at Harvard Medical School (HMS) is seeking a full-time post-doctoral fellow with background in MR physics.

We seek a candidate with a PhD degree in MR physics, with special interest in MR imaging methods, including diffusion imaging, as applied to both diagnostic and image guided interventional applications, in general and prostate cancer specifically. The individual should be familiar with MR pulse sequence development, image acquisition and importantly quantitative image analysis. Also, knowledge about integration of MR analysis with qualitative (Gleason scoring) and quantitative prostate cancer pathological methods, such as immune-histochemistry, is desirable.

The ideal candidate will have experience working in a clinical setting and substantial research experience in areas, such as prostate cancer and image guided interventions to allow for collaborations with our colleagues in Radiology, Urology, and Oncology.

BWH Radiology offers MRI services at the Brigham and Women’s Hospital main campus at the 15, 45, 70, and 75 Francis Street entrances and at 221 Longwood Ave. MR systems installed at the Department of Radiology that are particularly accessible for research include a GE 3 Tesla Premier, a GE 3 Tesla MR750, two Siemens 3 Tesla Prisma, a Siemens 7 Tesla Magnetom Terra, and an interventional IMRIS Siemens 3 Tesla. The installation of a GE MAGNUS 3 Tesla head-only system with gradients operating at up to 300 mT/m and 750 mT/m/ms is expected to be completed in 2023. These systems attract a large number of researchers who collaborate within various research topics.

Qualified candidates are requested to send the following to Clare Tempany (ctempany@bwh.harvard.edu), Stephan Maier (stephan@bwh.harvard.edu) and a copy to Erica Barbosa (ebarbosa7@bwh.harvard.edu).

1) A letter of application
2) A curriculum vitae

Applications will be reviewed, and interviews considered only after complete application packages have been received.

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.

BWH is an Affirmative Action Employer. By embracing diverse skills, perspectives and ideas, we choose to lead. All qualified applicants will receive consideration for employment without regard to race, color, religious creed, national origin, sex, age, gender identity, disability, sexual orientation, military service, genetic information, and/or other status protected under law. We will ensure that all individuals with a disability are provided a reasonable accommodation to participate in the job application or interview process, to perform essential job functions, and to receive other benefits and privileges of employment.