Postdoctoral Opportunity at MGH - Harvard Medical School

Position description: The Gordon Center for Medical Imaging (GCMI) in the Department of Radiology at Massachusetts General Hospital (MGH) and Harvard Medical School (HMS) in Boston, MA has an opening for a highly qualified individual at the post-doctoral level to work on research related to molecular imaging as it pertains to PET, SPECT, and CT.

Qualifications: The position is focused on Monte Carlo simulation, system modeling, and image reconstruction. Applicants must have obtained a Ph.D. in Physics, Mathematics, Engineering, or related fields. Applicant's skill set must include quantitative skills, computer programming in C/C++, MATLAB. Proficiency in GPU programming and GEANT/GATE simulation is preferred.

Environment: The Department of Radiology at MGH is equipped with complete facilities for cyclotron research, synthetic chemistry, radiochemistry, biology and research clinical and preclinical imaging. The department has the first mobile brain PET/CT, the first brain PET/MRI, and the first whole-body PET/MRI in the USA, as well as a digital TOF high sensitivity PET-CT dedicated to research and another digital whole-body PET/MR being installed. It is also equipped with a substantial computing facility. Applicant will join a multidisciplinary team of engineers, chemists, physicists, biologists and physicians in diverse areas of medical imaging.

Candidates must be US citizen or US permanent resident to fulfill the NIH training grant requirement. The appointment is initially for 1 year and can be extended depending on candidate's performance and interest, and funding availability.
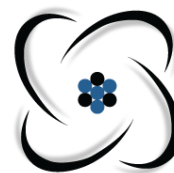
The successful candidate will have joint appointments at MGH and HMS.
If interested, please send your CV, a letter describing your interest, background, and qualifications to the addresses below. Selected candidates will be asked to provide 3 letters of recommendation to:

Georges El Fakhri, Ph.D., DABR (elfakhri@pet.mgh.harvard.edu)
Hamid Sabet, Ph.D. (hsabet@mgh.harvard.edu)
Gordon Center for Medical Imaging
Radiology, Massachusetts General Hospital

MGH & HMS are equal-opportunity, affirmative action employers. Women and minority candidates are strongly encouraged to apply.