Faculty Position Opportunities at MGH - Harvard Medical School

The positions: The Gordon Center for Medical Imaging (GCMI) in the Department of Radiology at Massachusetts General Hospital (MGH) is soliciting applications at the level of Instructor, Assistant, or Associate Professor for two positions in Tomographic Reconstruction/AI and Pharmacokinetic Modeling. The first position is for a faculty with demonstrated expertise in Tomographic Reconstruction and Artificial Intelligence as they pertain to CT/PET/SPECT/MR. The second position is for a faculty with experience in pharmacokinetic modeling and quantitative parametric PET imaging. We seek outstanding individuals who will contribute to the growth of the Gordon Center in these key strategic areas for cardiac, oncologic, and/or brain imaging. Successful candidates will have joint appointments at MGH and HMS at a rank (i.e., Instructor, Assistant Professor, or Associate Professor) commensurate to their experience. Successful candidates may lead their own grant funding as well as participate in ongoing funding and provide teaching and other educational opportunities to medical students, radiology trainees and post-doctoral fellows.

Qualifications: Applicants must have obtained a PhD, ScD, or equivalent degree in mathematics, physics, engineering, neuroscience, or a related field. Physiologists, System Biologists, and Physicians interested in quantitative imaging physiology are also encouraged to apply. Strong analytical and quantitative skills as well as proficiency in computer programming are essential.

Environment: The Department of Radiology at MGH is equipped with complete facilities for synthetic chemistry, biology, and imaging for preclinical and human research studies. The Gordon PET Core has an on-site cyclotron with state-of-the-art radiochemistry development and cGMP manufacturing facilities. The Department has three new digital time-of-flight PET/CT scanners, brain and whole-body PET/MRI scanners as well as dedicated brain PET scanners. Successful candidates will interact collaboratively with a production team of radiochemists, radiopharmacists, engineers as well as a large research group in diverse areas of imaging technology and applications. The Gordon Center has extensive state-of-the-art computing resources for AI research and intensive medical imaging computing.

If interested, please send your curriculum vitae, a letter summarizing your experience and research interests, and 3 letters of recommendation to:

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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.