A postdoc research fellow or research assistant

Dr. Katsuyuki "Ken" Taguchi of Department of Radiology, The Johns Hopkins University School of Medicine, is seeking a postdoc research fellow or a research assistant for projects funded by either National Institutes of Health or industry.

The work involves the development of algorithms and physics models for either photon counting detectors (PCDs) and PCD-based computed tomography (PCD-CT), or algorithm development for brain perfusion assessment using x-ray angiography images. Most of the projects are collaborative and inter-disciplinary by nature, which will be a great platform for your professional growth and showcase your talent. For example, we have made the PCD model we developed available to those in academic institutions at pctk.jhu.edu.

The ideal candidate will have background in engineering, physics, medical physics, or related field, is familiar with programming (Matlab, Python, C, CUDA, etc.) and computer simulation, and is eager to get involved with occasional physical experiments. We highly value persons with great personalities, because we believe that it is essential to have people with high EQ in order to maximize the productivity of the laboratory.

Our lab's philosophies are (1) (hopefully) to do game-changing work, (2) to be respectful, and (3) to earn respect from others and have fun through the work. We hope you will join our team.

Please contact ktaguchi@jhmi.edu if you are interested. Looking forward to meeting you soon!