



Post-doctoral Positions
PET/SPECT/CT Imaging Physics
Yale University
New Haven, CT, USA



Yale University has post-doctoral associate positions currently open for PET/CT and SPECT/CT imaging research projects. The candidates will be exposed to a unique training and research environment in a variety of imaging modalities. Research projects include, but are not limited to, advanced image reconstruction, respiratory and cardiac motion corrections, dynamic oncological and cardiac imaging, dose reduction, image-guided therapy, and quantitative imaging for various clinical applications. The postdoctoral associates will have access to several state-of-the-art imaging systems such as PET/CT scanners with Time-of-Flight capability and dedicated cardiac SPECT/CT with solid state CZT detectors.

Applicants should have a Ph.D. in medical physics, biomedical engineering, electrical engineering or a related field. Strong analytical, programming, and experimental skills are essential. Experiences in image restoration, reconstruction, algorithm development, and image analysis are highly desirable. Experience in image segmentation would be a plus but not required.

Interested individuals should send a C.V., letter of interest, and contacts of three references by email to Dr. Chi Liu (chi.liu@yale.edu), Assistant Professor of Diagnostic Radiology and Biomedical Engineering.

