

Post Doctoral Imaging Physicist Position

The Department of Nuclear Medicine, State University of New York at Buffalo (UB) is seeking candidates for a post-doctoral imaging physicist position.

The successful candidate will become part of a research group focusing on developing advanced techniques to improve image quality of positron emission tomography (PET). He or she will participate in ongoing research projects on improving and developing PET image reconstruction algorithms. The candidate will also be encouraged to explore new research directions and participate in projects on PET/CT imaging and quantitative data modeling.

Qualifications of the Candidate

Applicants must have a PhD degree either in physics, medical physics, biomedical engineering, or a discipline closely related to medical imaging. Excellent programming skill with at least one computer language (C/C++/IDL/Matlab) is required. Previous experiences in nuclear medicine, SPECT or PET image reconstruction, Monte Carlo or numerical simulation of imaging systems are preferred.

Resources at UB

The Department of Nuclear Medicine of UB operates a 30MeV cyclotron, a radiochemistry laboratory, a Concorde animal PET scanner, an ADAC CPET, a CTI HR+, a Reveal XVI PET/CT and several SPECT systems. The successful candidate will have the opportunities to work on human and animal PET systems, as well as to teach undergraduate nuclear medicine technologist students and residents. The position offers a motivated individual an outstanding opportunity to broaden his/her imaging experience within a well-integrated interdisciplinary team that includes physicists, chemists, nuclear medicine physicians, neurologists and pharmacists.

Term

The position is open immediately. The initial term of employment will be two years from actual start-date with possibility of extension.

To Apply

Send a letter of interest, CV and contact information for two references to:

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