



Post doctoral associate position in single photon emission tomography technology development

The Department of Nuclear Medicine, State University of New York at Buffalo (UB) has a postdoctoral associate position available immediately. The successful candidate is expected to be the driving force in developing a single photon emission tomography system based on a novel self-collimation concept. The position offers a motivated individual an outstanding opportunity in developing innovative methods and techniques in a new technology field. The term of the position is up to 3 years.

Desired qualifications

The desired qualifications of the position include: 1) a Ph.D. degree in applied science or engineering, preferably in a direction of which the previous trainings and skills are closely related or transferable to developing a radiation detection based imaging system; 2) algorithm and software development experiences and solid math skills; 3) experience in image reconstruction and/or instrumentation research and development; and 4) knowledge about radiation physics and experience in Monte Carlo simulation.

Benefits

Working at UB comes with benefits that exceed salary alone. There are personal rewards including comprehensive health and retirement plan options. We also focus on creating and sustaining a healthy mix of work, personal and academic pursuit – all in an effort to support your work-life effectiveness.

About UB

The University at Buffalo is SUNY's most comprehensive public research university, and an outstanding place to work. UB amplifies ambition for faculty and staff by offering endless possibilities to achieve more. Here, people from all backgrounds and cultures challenge and inspire each other to discover, learn and succeed. UB is an Equal Opportunity / Affirmative Action employer. UB is located close to the world renowned Niagara Falls.



To Apply

An interested candidate is encouraged to apply by sending 1) a copy of CV, 2) copies of college and post-graduate transcripts, 3) a description of research interests, and 4) the names and emails of three references, to Prof. Rutao Yao (rutaoyao@buffalo.edu). Applications will be accepted until the position is filled.

Rutao Yao, PhD, Professor

Department of Nuclear Medicine

105 Parker Hall, 3435 Main St., Buffalo, NY 14214
716.829.2585
rutaoyao@buffalo.edu