

**University of Maryland School of Medicine  
Baltimore, Maryland**

## **Post-Doctoral Research Fellowship Cardiac PET Imaging**

The Department of Diagnostic Radiology and Nuclear Medicine at the University of Maryland School of Medicine is seeking a Post-Doctoral Research Fellow in the field of cardiac PET imaging. The successful candidate will join a dynamic team that is developing and evaluating methods for quantitative analysis of myocardial perfusion and blood flow with Rb-82. This industry-funded project includes acquisition and analysis of phantom and clinical patient studies.

The Nuclear Medicine Division has Siemens Biograph mCT and Philips Gemini PET-CT scanners and four SPECT cameras. Our division is actively involved in research collaborations with Cardiology and other divisions/departments for which PET-derived cardiac perfusion, viability and kinetics are of great interest.

The preferred candidate will have a Ph.D. degree or equivalent in Medical Imaging, Biomedical Engineering or a related field. Previous experience in nuclear medicine or image reconstruction is an asset. Excellent computer skills and experience with IDL, MATLAB or similar visualization and analysis packages are desirable. The initial appointment period is one year with renewal for a second year upon satisfactory performance.

The position is available immediately and applications will be reviewed as they are received. Interested candidates should e-mail a CV, a cover letter describing qualifications and interests, and names and contact information of three references to:

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