A Postdoctoral Fellow in PET image data correction/reconstruction/analysis

A postdoctoral position is available in the Nuclear Imaging Research and Application Lab, in the Department of Radiation Oncology at UT Southwestern Medical Center.

Our Nuclear Imaging Research and Application Lab has several exciting projects related to the development and application of Positron Emission Tomography for molecular imaging and image-guided photon and charged particle radiation therapy. Working with other lab members, this postdoctoral fellow will focus on implementing and applying various algorithms of PET image data correction, reconstruction, quantification and analysis, etc., and will have opportunity to explore other instrumentation- and application-related research subjects as well.

Candidates must hold a Ph.D. degree in physics, electrical engineering, biomedical engineering or other related fields. Strong analytical and computer programming skills are essential. Experience in tomographic image (PET or SPECT) data correction, reconstruction and process is preferred although not necessary. Manuscript writing capability leading to publication in peer-reviewed journals is recommended.

Information on our postdoctoral training program and benefits can be found in our Postdoc Handbook or at http://www.utsouthwestern.edu/postdocs. Successful candidates may be enrolled in the Postdoctoral Certificate Program in which candidates will be able to participate in CAMPEP credited Medical Physics training courses, without tuition, which may support entry into a radiation physics resident program.

Interested individuals may contact Dr. Yiping Shao by sending a CV, statement of interests, and a list of three references to:

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