The Computational Breast Imaging Group (CBIG) of the Radiology Department at the University of Pennsylvania has open postdoctoral positions. CBIG is a group within the Center for Biomedical Image Computing and Analytics (CBICA) with a mission to act as a translational catalyst between computational imaging science and breast cancer research. Work in our group focuses on developing innovative methodology for multimodality image analysis and also on incorporating such methods into clinically relevant applications.

Postdoctoral Position Qualifications:
We are seeking highly motivated individuals with excellent academic track-record, including first-author publications in peer-reviewed journals. Successful candidates should have, or be in the process of completing, a PhD (or equivalent) in Biomedical, Electrical or Computer Engineering, Computer and Information Science, or related field. Ideal applicants should have a background on biomedical image analysis, computer vision, pattern recognition and/or machine learning. Proficiency in quantitative analytical methods and computer programming (e.g., Python, C/C++, ITK) is essential. Experience with medical image analysis (e.g., MRI, CT, X-ray, Ultrasound) or statistical methods and software packages (e.g., R/SPSS) is preferable. Additional knowledge of Imaging Physics is a plus. Applicants should demonstrate excellent oral and written communication skills, and the ability to work effectively independently and as part of a multidisciplinary team.

Successful applicants will join a vibrant collaborative research environment, will work closely with clinical investigators, and will gain a first-hand experience of our breast imaging program. Collaborators include faculty in our Radiology department, the Abramson Cancer Center, the Institute for the Translational Medicine and Therapeutics, and the Center for Clinical Epidemiology and Biostatistics.

For more information, please visit:

Computational Breast Imaging Group (CBIG)
http://www.uphs.upenn.edu/radiology/research/labs/cbig/

Center for Biomedical Image Computing and Analytics (CBICA)
http://www.cbica.upenn.edu/

Center for Clinical Epidemiology and Biostatistics (CCEB)
http://www.cceb.upenn.edu/

Penn Radiology Breast Imaging:
http://www.uphs.upenn.edu/radiology/patient/services/women/
Penn Biomedical Postdoctoral Programs:
http://www.med.upenn.edu/postdoc/

For more details and to apply contact:

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Applications should include a letter of motivation, a curriculum vitae, and names and addresses of three references. The University of Pennsylvania is an equal opportunity employer.