The Laboratory for Imaging Physics, Analysis, and Clinical translation (IMPACT) is seeking highly motivated individuals to join a number of NIH-funded projects. The IMPACT Lab is directed by Dr. Grace J. Gang and is located in the Department Radiology at the University of Pennsylvania. Candidates can expect to join the strong, collaborative research team at the University of Pennsylvania and enjoy access to state-of-the-art imaging hardware and computing resources.

## Postdoctoral Fellow

Multiple positions are open for full-time postdoctoral researchers. We are seeking candidates for a number of projects including development and evaluation of deep learning image formation algorithms, system design and optimization for spectral imaging, and developing analytical and deep learning strategies for radiomics standardization.

Candidates for this position should hold a Ph.D. in one of the following or closely related fields: biomedical engineering, electrical engineering, physics, or computer science. Applicants should have strong programming and communications skills and have experience in one or more of the following areas:

1) Imaging physics / Image chain modeling
2) Subjective image quality evaluation
3) Reconstruction algorithm development
4) Hardware integration

Prior experience in medical imaging, especially in x-ray, CT, or cone-beam CT is an advantage.

Interest parties may contact Dr. Gang with directly at grace.j.gang@pennmedicine.upenn.edu with cover letters and CVs.

Department of Radiology      ·      University of Pennsylvania      ·      Philadelphia, PA 19104