



September 24, 2014

Postdoctoral fellowship in PET imaging

A position is available for a postdoctoral fellow in the Radiation Biophysics Lab (<http://pratxlab.stanford.edu>) at Stanford University, part of the division of Biomedical Physics and within the department of Radiation Oncology. Our goal is to develop the next generation of tools for cancer research and cancer care. We create entirely new technologies that address significant needs in the lab or the clinic. The methods we have developed so far can interrogate the behavior of single cancer cells, visualize signatures of disease in vivo, and verify the delivery radiation treatments. We employ a variety of physical and engineering approaches to achieve our goal, including advanced optics, imaging, computing, and microfabrication. We work closely with the Molecular Imaging Program at Stanford (<http://mips.stanford.edu>), the Stanford Cancer Institute (<http://sci.stanford.edu>) and the Bio-X program (<http://biox.stanford.edu>).

We are looking for a highly motivated and creative individual with an interest in novel PET imaging methods. Applicants should have a doctoral degree in bioengineering, electrical engineering, medical physics, or related field. The ideal candidate shall have a track record of research accomplishments in biomedical imaging, excellent scientific communication skills, and experience with computer programming and algorithm development. Experience with radionuclide imaging and/or small-animal imaging is preferred.

The successful candidate will lead a project aiming to develop new image reconstruction approaches for tracking cell trafficking in vivo. To apply, please visit <http://pratxlab.stanford.edu/jobs.html>. The earliest start date is December 1st, 2014. Salary and benefits information can be found on the website of the Office of Postdoctoral Affairs (<http://postdocs.stanford.edu>). Initial appointment is for one year, with the possibility of renewal.

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