



## **Postdoctoral Position in Medical Imaging**

One NIH-funded postdoctoral position in medical imaging with a focus on magnetic resonance imaging is available in the Laboratory for Structural, Physiologic and Functional Imaging (LSPFI) in the Department of Radiology at the University of Pennsylvania Medical Center.

Expected activities center on the further development of methods and their translation to studies in patients by means of quantitative MRI procedures. Areas of concentration include design, implementation and translation to the clinic, of methods for the study of oxygen metabolism in the brain and other tissues by means of spatially resolved imaging techniques. Candidates should have an advanced degree (Ph.D. or M.D./Ph.D.) in physics, physical chemistry, biomedical engineering, or electrical/electronic engineering and a strong research record as well as excellent verbal and written communication skills. Candidates with hands-on MRI laboratory experience, including pulse-sequence design, image reconstruction, processing and analysis are preferred but candidates with experience in other fields of imaging may be considered as well. Excellent scientific spoken and written English language skills are essential.

In addition to the above qualifications, applicants require significant interpersonal skills and ability to effectively communicate with physicians and medical staff and willingness and ability to assume a leading role in translational patient studies. The ideal candidate is a Ph.D. or M.D./Ph.D. with experience in medical imaging.

The Department of Radiology's Center for Advanced MR Imaging and Spectroscopy (CAMRIS) accommodates multiple whole-body MRI research scanners operating at 1.5, 3 and 7T field strengths, designed for experimental and patient related research.

The University of Pennsylvania is an equal opportunity employer and women and applicants of underrepresented minorities are particularly encouraged to apply. Preference will be given to U.S. citizens, or those lawfully admitted for permanent residence.

Applicants are requested to submit via email: 1) curriculum vitae; 2) brief cover letter outlining research interests, experience, qualifications; 3) list of 3 references with contact information, and immigration status, to:

Felix W. Wehrli, Ph.D.  
Director, Laboratory for Structural, Physiologic and Functional Imaging  
Department of Radiology  
University of Pennsylvania Medical Center  
3400 Spruce Street  
Philadelphia, PA 19104  
Contact email: [felix.wehrli@penmedicine.upenn.edu](mailto:felix.wehrli@penmedicine.upenn.edu)