We often have opportunities for visiting scholars with backgrounds in engineering, optics, biology, or computational science, to work in our lab for a period of from six months to two years. The visiting scholars, depending on their backgrounds, may be involved in different aspects of our research, including hardware and software developing in optical imaging, small animal experiments, image processing, and bioinformatics. Please contact the director at xxu@bwh.harvard.edu for more information and availability of the positions.

Position for Visiting Scholar in Image Analysis

A position of visiting scholar is available at Optical Imaging Lab, Brigham and Women's Hospital, a teaching hospital of Harvard Medical School, Boston, MA. The lab focuses on developing new optical imaging technologies and image processing methods. The research interest for this position is image processing and analysis, and/or bioinformatics. The visiting scholar should have a background in electrical engineering, computer science, applied mathematics, or in a related area and be proficient in MATLAB or other scientific computing languages. The scholar is expected to work with researchers of the lab to develop 2D/3D image processing algorithms. The term will be from 6 to 12 months. To help cover the cost of living, a monthly stipend of $500 – $1,000 may be provided by the lab to supplement candidate's own funding. For consideration, candidates should contact the director of the lab at xxu@bwh.harvard.edu. Please send a curriculum vitae and a statement of research objectives to the director.

Position for Postdoctoral Research Fellow in Optical Engineering

We are looking for outstanding candidates for a postdoctoral fellow position in optical engineering and physics to develop new optical instrument for pre-clinical and clinical applications. The successful candidate will become a member of a multidisciplinary team of engineers, biologists, radiology physicists, and physicians. Candidates should have doctoral degree in physics, engineering, or a related discipline. The person must be a team player and shall have good command of oral and written English. Strong analytical and programming skills are a prerequisite. Experience and knowledge in one or more of the following areas is preferred: diffusion optical tomography, optical coherence tomography, optical components and reliability, fiber-optic sensors, nonlinear optics, lasers, optical interconnect, and optical systems engineering. Experience with image processing and numerical simulation is desirable. Experience with LabView, MATLAB or C/C++ is a plus. For consideration, candidates are required to contact the director at xxu@bwh.harvard.edu before May 1, 2009.