Job Description:

A postdoctoral research position that focuses on the development and fabrication of microsystems as diagnostic and research platforms for blood diseases and cancer will be available starting Spring/Summer 2011, but the exact start date is negotiable. The candidate will join a uniquely structured interdisciplinary laboratory that spans both the Department of Pediatrics at the Emory University School of Medicine and the Department of Biomedical Engineering at the Georgia Institute of Technology and Emory University. The laboratory, which includes engineers, biologists, and clinicians, will serve as a unique “one-stop shop” in which bioengineering technology is developed and directly applied to the needs of patients with cancer and blood diseases and is led by Wilbur Lam, MD, PhD, a pediatric hematologist/oncologist and bioengineer. This position is well suited for recent engineering PhDs who desire to learn more about, and apply their skills to, biology and medicine.

Requirements:

Applicants must hold a Ph.D. degree in an engineering or physical science discipline and have a strong background and experience in MEMs and/or microfluidics. Strong oral and written communication skills are essential, as evidenced by refereed journal publications and conference presentations. However, a biology/biomedical background is not necessary, and in fact, this position is designed to supplement an engineer’s skills with training in biomedical research and applications.

To apply:

Please send a detailed curriculum vitae, a list of relevant publications, and names and complete contact information of three professional references, electronically, to: Wilbur Lam, MD, PhD at wilbur.lam@bme.gatech.edu or wilbur.lam@emory.edu.