

Departments of Bioengineering and Electrical Engineering Stanford University

The Departments of Electrical Engineering and Bioengineering at Stanford University wish to expand their efforts to address opportunities at the interfaces among electrical engineering, bioengineering, biology and medicine. Hence, they are seeking candidates for a tenure-track faculty appointment at the Assistant Professor level in this general area. It is expected that successful candidates will be jointly appointed in the two departments. We are open to applications from individuals working on problems ranging from analysis of molecular mechanisms to integrated systems. We are also interested in applications from individuals focused on areas spanning fundamental biosciences to clinically motivated research. The overall promise and vision of the applicant is more important than the particular application area. Potential areas of specialization include, but are not limited to, new approaches to sensing biological systems, such as those based on photonic, electronic and electromechanical nanostructures, the modeling of biological systems, and the development and application of advanced signal processing to the sensing and modeling of biological systems.

The successful candidate is expected to establish an innovative collaborative research program. Applicants should have an earned Ph.D., evidence of the ability to pursue independent research, a strong commitment to both graduate and undergraduate teaching, and the ability to initiate and conduct research across disciplines. We encourage applications from physician-engineers. Applications should include brief statements of research and teaching interests, a detailed resume including a publication list, and the names and addresses of five references. Candidates are also requested to ask that references send letters directly to the search committee. They should be sent to:

Professor R. Fabian Pease
Search Committee Chair
c/o Corinne Barkow
Department of Electrical Engineering
Packard 167
Stanford University
Stanford, CA 94305-9505
or via electronic mail at search@ee.stanford.edu

The review of applications will begin on January 1, 2007, but applications will be accepted until February 1, 2007 or until the position is filled. Stanford University is an affirmative action, equal opportunity employer.