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Postdoctoral Fellow Position in Design of Proteins and Protein-based Materials

The Soft Active Materials Laboratory (<http://zhaox.org>) directed by Prof. Xuanhe Zhao is seeking a highly motivated and qualified postdoctoral fellow to experimentally design proteins and protein-based materials, which are expected to achieve unprecedented properties such as extremely tough and strong, ultrasensitive to stimuli, mutable and programmable, biocompatible and bioabsorbable. The work will be carried out in close collaboration with researchers at Harvard, MIT and Duke University.

The initial appointment, preferably beginning in Fall 2014, is one year and can be renewed based on performance. The candidate should possess an earned doctor degree in bioengineering, chemical engineering, material science, bio-physics, or related areas; and should be very familiar with experimental techniques of **recombinant DNA**, **protein synthesis**, and **protein bioconjugation**. Good written English and oral communication skills are required. Experimental experience with design of elastin/resilin/titin-like proteins is particularly relevant to the project. Background in biomechanics is preferred but not required. Interested applicant should send a resume with publication list, contact information of at least 3 references, and no more than 3 representative papers to Prof. Xuanhe Zhao at zhaox@mit.edu