Ph.D thesis project (RA position) in Computational Neuroimaging

We have a PhD student position (graduate research assistant) open for an exciting thesis research project in Computational Neuroimaging. This project aims to use advanced machine learning, statistical pattern recognition, computer vision algorithms and fMRI (functional Magnetic Resonance Imaging) to study natural scene and object perception. The qualified student will be jointly supervised by Prof. Fei-Fei Li (ECE/CS) and Prof. Diane Beck (Psychology). We are particularly interested in applicants with the following qualifications:

- A strong background in probability, machine learning, pattern recognition and some background in image processing and/or computer vision;

- A basic knowledge of neuroscience, psychophysics and cognitive science;

- Strong technical skills in: programming languages such as C/C++ and Matlab; Windows and Linux operating systems.

The position is open for applicants from any department. Starting date is immediate. If interested, please send your CV to Prof. Fei-Fei Li (feifeili@uiuc.edu) and Prof. Diane Beck (dmbeck@uiuc.edu).

2006.03.01