Postdoc position in human decision-making

A postdoc position is available in the Computational Perception and Cognition Laboratory of Alan Stocker at the University of Pennsylvania, USA.

The position is part of the ongoing NSF-funded project 'Choice-induced biases in human decision-making' in collaboration with the laboratory of Tobias Donner at the University Medical Center Hamburg, Germany. The goal of the project is to understand how decisions influence the memory of past (consistency bias) but also the evaluation of future evidence (confirmation bias) in human decision-making. The project employs a highly interdisciplinary approach that combines psychophysical and functional neuroimaging (MEG) experiments with theory and computational modeling.

The position focuses on the development of computational and neural models of subjects' behavior in such decision-tasks and their validation against psychophysical and neural data. The project provides the opportunity to visit the partner lab in Hamburg and gain first-hand experience with MEG data acquisition and analysis.

Candidates from all backgrounds are considered. However, a good theoretical/computational background and experience in working with computer models and simulations is expected. Experience with the technical aspects of running psychophysical experiments is a plus. Above all, however, we are looking for candidates who are deeply curious about the theoretical principles underlying human decision-behavior.

The position is funded for up two years with the possibility for extensions. The lab laboratory is embedded in the University of Pennsylvania's strong and vibrant neuroscience and cognitive science community (mindCORE, CNI), providing the new lab member with a very interactive research environment.

Please send any questions and submit applications (CV, publications, brief statement of research interests and skills, and names of 2-3 references) to Alan Stocker (astocker@psych.upenn.edu).