

Brain Mapping Center SEMINAR SERIES

Sponsored by the UCLA Brain Mapping Center Faculty

The focus of these talks is on advancing the use of brain mapping methods in neuroscience with an emphasis on contemporary issues of neuroplasticity, neurodevelopment, and biomarker development in neuropsychiatric disease.

Hosted By: Shantanu Joshi, PhD, Neurology, UCLA

Unconscious Fear Reduction by Multivoxel Neuro-Reinforcement



Hakwan Lau, PhD

Associate Professor
Department of Psychology, UCLA

A new form of fMRI neurofeedback, based on multi-voxel pattern information, is used to arbitrate between several theories of conscious perception. Unbeknownst to participants, their subjective confidence in a visual discrimination task could be manipulated using this technique. This in turn inspired a double-blind placebo-controlled way of implementing exposure therapy, which can be used to reduce previously acquired fear/traumatic memory.

March 1, 2018 11:00am - 12:00pm

**Neuroscience Research Building (NRB 132)
635 Charles E. Young Dr. South**

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