

## Nilli Lavie

Nilli Lavie is Professor of Psychology and Brain Sciences at UCL Institute of Cognitive Neuroscience, where she heads the Attention and Cognitive Control laboratory. She was previously a scientist at the MRC Applied Psychology Unit in Cambridge, UK. She took her BA and PhD at Tel Aviv University and her postdoctoral training (funded by the Miller Institute) in Anne Treisman's lab at UC Berkeley. She is best known for her 'Load Theory' of attention, perception and cognitive control, which has provided a resolution to the four-decades long debate in Psychology on the locus of capacity limits in human information processing. She is an elected fellow of the British Academy, Royal Society of Biology, British Psychological Society, the Association for Psychological Science, US; and an honorary life member of the Experimental Psychological Society, UK. Her current research concerns attention, perception, multi-sensory integration, emotion, and cognitive control over behavior and individual differences. Her work extends from healthy adults to development, aging, and to the clinical conditions of ADHD and Autism. She uses a combination of research methods spanning neuroimaging (fMRI, EEG, MEG, Spectroscopy), behavioural experiments, psychophysics, and machine learning.