

**CENTER FOR COGNITIVE SCIENCE**  
University at Buffalo, State University of New York

**Wednesday, April 7, 2004**

280 Park Hall  
North Campus  
2:00 pm –4:00 pm

**Leslie Ungerleider, Ph.D.**  
**National Institute of Mental Health**  
**Bethesda, MD**

**How the brain pays attention**

Not all objects in a visual scene can be analyzed simultaneously due to the limited processing capacity of the visual system. As a consequence, attention is used to selectively process relevant objects at the expense of irrelevant ones. Brain imaging studies using fMRI reveal how attention modulates the processing of relevant objects in human extrastriate visual cortex. This modulation appears to be generated via top-down control from a network of areas in parietal and frontal cortex.

**Refreshments will be available**

Everyone is welcome to attend!

For information please call the Cognitive Science Office at (716) 645-2177 ext. 717 or check <http://www.cogsci.buffalo.edu/Activities/Colloquium/CLLQs04/2004spring.htm#4704>

The Center for Cognitive Science Colloquium Speaker Series is sponsored by the Office of the Vice President for Research, UB