



# Neuroscience Center of Excellence

LSU Health Sciences Center School of Medicine,  
New Orleans

Chancellor's Award Lecture

## "Structure and Function of the Cerebral Cortex in Health and Disease"

**David Van Essen, Ph.D.**  
**Edison Professor of Neurobiology and Head**  
**Department of Anatomy & Neurobiology**  
**Washington University School of Medicine**  
**St. Louis, Missouri**

Primate cerebral cortex contains a complex mosaic of many distinct areas that are interconnected by thousands of anatomical pathways. In humans, the cortex is highly convoluted, and the pattern of convolutions varies markedly from one individual to the next. This lecture will discuss the structure, function, and development of human and monkey cortex as revealed by surface-based visualization and analysis methods. It will provide insights regarding cortical development and function in normal individuals and in several psychiatric and neurological disorders.

**February 5, 2007, 4:00pm, 8<sup>th</sup> Floor Neuroscience Center  
Conference Room, LSU Lion's Building, 2020 Gravier Street**