Brainprints: A biological approach to understanding learning disability
By
Dr. Christiana M Leonard
Professor, Department of Neuroscience
University of Florida
Wednesday 09/28/05
NEB 409
3:00-3:50pm

Abstract:
Now that high resolution volumetric MRI scans of living human brains can be obtained in 4 to 10 minutes, it is possible to consider long standing questions about the genetic origin and behavioral significance of individual variation in brain size and shape. How to accurately quantify functionally significant morphological variation is a question at the interface of mathematics, engineering, biology, medicine and psychology. The talk will explain some of the problems such an interdisciplinary investigation must solve.