

WHITAKER BIOMEDICAL ENGINEERING INSTITUTE

DEPARTMENT OF BIOMEDICAL ENGINEERING FRIDAY SEMINAR SERIES

Jon H. Kaas, PhD

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Vanderbilt University

“The Organization of Auditory Cortex in Primates and Other Mammals”

DATE: March 11, 2005
TIME: 1:00 p.m. – 2:00 p.m.
PLACE: **Traylor 709**
Host: Simil Roupe

Abstract:

Current evidence supports the view that auditory cortex in monkeys includes a core of three primary-like areas, a second level of auditory processing in auditory belt of approximately eight areas, and a parabelt of two or more fields as a third level of processing. Higher levels include other parts of the temporal lobe, and regions of parietal and frontal cortex. At least the core areas appear to exist in all primates. When proposals for the organization of auditory cortex are considered, it appears that the primary area, A1, has been inconsistently identified, and that the area identified as A1 in primates and carnivores may not be the same area.

Any questions, contact 410-955-3132.

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