

Department of Psychology

Colloquium Speaker

HOST:

Dr. Jocelyne Bachevalier



EMORY
COLLEGE
OF ARTS AND
SCIENCES

February 29, 2016

4:00 p.m.

Psychology Building

Room 290

Reception to follow in
Psychology Lobby

Carol Barnes, Ph.D.



Regents' Professor at the University of Arizona
Departments of Psychology, Neurology, the Arizona
Research Laboratories Division of Neural Systems,
Memory and Aging, and the BIO5 Institute.

“Impact of normal aging on circuits critical
for memory”

The central goal of my research and teaching program is the question of how the brain changes during the aging process and the functional consequences of these changes on information processing and memory in the elderly. The main research program involves studies of behavior and neurophysiology in young and old laboratory animals. This work provides a basis for understanding the basic mechanisms of normal aging in the brain and sets a background against which it is possible to assess the effects of pathological changes such as Alzheimer's disease. Some of my current work also includes an assessment of therapeutic agents that may be promising in the alleviation or delay of neural and cognitive changes that occur with age. I teach a full semester course in the biological, psychological, and sociological aspects of aging. I have a joint appointment in the Department of Neurology and am a faculty member in the Cognition and Neural Systems Graduate Program and in the Graduate Interdisciplinary Program in Neuroscience.