

# 5<sup>TH</sup> ANNUAL NEUROETHOLOGY SYMPOSIUM



**May 5, 2006**

**1208 Biology-Psychology Building**

**University of Maryland, College Park**

## **9:00 – 9:30 Introductions**

Dr. Lawrence Sita, Professor and Associate Dean

Dr. Catherine Carr, Professor and Neuroethology Program Co-Director

Dr. Cindy Moss, Professor and Neuroethology Program Co-Director

## **9:30-10:00 Dan Fergus, University of Maryland**

Variation in timing of mating behavior among species of Hawaiian crickets.

## **10-10:45 Dr. Stephen Benoit, University of Cincinnati**

Eating and learning: Dietary fat, hippocampus, and plasticity

## **10:45-11:00 Coffee break**

## **11:00-11:45 Dr. Bret Smith, Tulane University**

Modulation of neural connections in the vagal complex by endocannabinoids:  
Implications for autonomic reflexes

## **11:45-1:30 Lunch**

## **1:30-2:00 Mardi Byerly, University of Maryland**

*In vivo* and *in vitro* analyses identifying a potential hypothalamic pathway  
for energy regulation

## **2:00-2:45 Dr. James Koenig, University of Maryland**

Adult behavior is shaped by prenatal experiences

## **2:45-3:00 Coffee break**

## **3:00-3:45 Dr. Gregory Ball, Johns Hopkins University**

Is brain estradiol a hormone or a neurotransmitter?

## **3:45-4:00 Coffee break**

## **4:00-4:45 Dr. Jens Herberholz, University of Maryland**

Social status in crayfish: behavioral, neural and modulatory mechanisms