

**Stony Brook University
The Graduate School**

Doctoral Defense Announcement

Abstract

Galanin and Reward

By

Ariel Brewer

To date, research on galanin has covered many topics such as learning, memory, anxiety, and sexual behavior, yet the one topic that has received the most attention is the effect of galanin on food consumption. Recently, our lab has found that in addition to feeding, galanin also modulates consumption of water. Although much research has been aimed at identifying the mechanism of action each, there is still some ambiguity regarding the precise role that galanin plays. It is generally assumed that galanin modulates feeding and drinking separately however this report examines this question more closely in the context of recent evidence from our lab suggesting that galanin's effect on feeding and drinking may result from a more general role in reward related behavior.

Date: April 20, 2007

Time: 9 am

Place: Psychology A, room 256

Program: Biopsychology

Dissertation Advisor: John K. Robinson, PhD