

**Carolina Summer Fellowship Program**  
**Research Presentations**

**2:00 p.m., Wednesday, August 1, 2007**

**Munson Library, 1102 Mary Ellen Jones Building**

- 2:00** Justin Brewster—Dr. Henrik Dohlman  
“Identifying Components Involved in the Graded-to-Binary Switch in the Yeast Pheromone Response Pathway”
- 2:15** Christine Bruckner—Dr. Ken Harden  
“P2Y<sub>1</sub> Receptor Desensitization: An Investigation”
- 2:30** Stephanie Grecco—Dr. Fulton Crews  
“The effect of cytokine production & neuroinflammation by endotoxin following ethanol exposure”  
*and*  
“The long-term effects of adolescent ethanol exposure on hippocampal neurogenesis”
- 2:45** Ben Otopalik—Dr. Robert Rosenberg  
“What are the effects of the L9’T mutation on conformational changes in nicotinic receptors?”
- 3:00** Vanessa Richards—Dr. Robert Rosenberg  
“Influence of Electrostatics on Cysteine Modification in Nicotinic Acetylcholine Receptors”
- 3:15** Kate White—Dr. Rob Nicholas  
“Examination of P2Y6 receptor targeting signals in MDCK epithelial cells”
- 3:30** Martin Whittle—Dr. Lee Graves  
“Investigating the Phosphorylation of Cytidine Triphosphate Synthetase 1”

*NOTE: 10 min presentation, 5 min questions*

