

Recent Senior Honors Thesis Projects in Neuroscience

Kara Douglas '08, Effect of concussion on college hockey players' memory and attention

Carrie Edwards '08, Post-traumatic stress and cognitive functions in women with a history of domestic violence

Alexandra Hoffmann '08, Genetic markers for schizophrenia

Caleb Wasser '08, The ketogenic diet and seizure activity in adenosine A1 receptor knockout mice

Daniel Coleman '07, Effects of low carbohydrate diet on adenosine receptor activity in the hippocampus

Abigail Garrity '07, Neuropsychological correlates of the default mode network in resting state fMRI of patients with schizophrenia

Hanna Ghaleb '07, Effects of age on prospective memory

Robert A. Hill '07, Effects of age, gender and adenosine A₁R receptor deficiency on bidirectional hippocampal plasticity in freely behaving mice

Elizabeth Jones '07, The effects of depression on neurocognition in patients with schizophrenia

Hannah C. Knipple '07, Characterization of short- and long-term plasticity in the multisynaptic pathway from the dentate gyrus to the entorhinal cortex in freely behaving male and female rats

Margaret Moulton '07, Persistent effects of cognitive remediation on schizophrenia: A one year follow-up

Adrian Arnett '06, The effects of LTP induction on local circuit modulation of cellular excitability within the hippocampus of the developing rat brain

Emily C. Dorward '06, The effects of neonatal isolation on bidirectional plasticity in the basolateral amygdala-dentate gyrus in freely behaving rats

Jessica Hansen '06, Pesticide exposure and neuropsychological performance in migrant farmworkers

Natalie X. Phouyaphone '06, Bidirectional synaptic plasticity in freely behaving adenosine A₁R receptor-deficient mice

Charles Psounis '06, Temperature dependant modulation of synaptic transmission: The role of adenosine A₁ and A_{2A} receptor potentiation