

**Project Title:** Emotion and Model-based Learning

**CRE Course:** Philosophy of Mind

**Student Researcher Name and Major:** Benjamin Wilcox, Computer Science

**Project Description:**

When we make a plan we need to anticipate the consequences of our actions. This is a cognitively demanding task. Sometimes we anticipate that there will be a negative immediate consequence that is justified by the long-term reward. Research shows that when individuals prone to stress are faced by a choice with a short-term negative consequence, they are unwilling to consider whether it will ultimately pay off. In our project we will induce different emotional states via music, and see how these emotional states influence long-term planning.