**Hippocampus in Learning and Memory**

Experiment proposal #: 1145

Description: We hope to investigate the role of the hippocampus in learning and memory. Participants from the university community will receive accute lesioning, performed by qualified medical experts,in their left hippocampal regions. Following surgery, participants will be tested on several verbal and spatial working memory tasks, which will be compared to pre-surgery performance.

**Reactions to Violence**

Experiment proposal #: 1153

Description: This experiment involves investigating how humans respond to simulated and actual physical violence. Naive participants will be recruited from the Introductory Psychology Course, as partial fullfillment of course requirements. On one day, participants will be exposed to realistic computer games involving bludgeoning and painful injury. The next day, the same participants will witness actual bludgeoning and painful injury (in a counterbalanced fashion.) Following each session, several personality tests will be administered.

**Learning Musical Motor Skills**

Experiment proposal #: 1156

Description: In this study, we will examine the ability of subjects to learn simple motor skills while exposed to one of two musical genres: Baroque or Hip-Hop. Subjects will be paid for their time.

**Dual-Choice Reaction-Time in Chimpanzee**

Experiment proposal #: 1162

Description: We propose to study the ability of the African Chimpanzee to learn and perform the so-called PRP task, a dual-choice reaction-time task. We will vary both stimulus and response numerosity to discover if Man's evolutionary cousin also uses a Response-selection Bottleneck to perform accurately.

**Replicating Milgram's Obediance Studies**

Experiment proposal #: 1171

Description: We plan to replicate and extend S. Milgram's obediance experiments in a cross-cultural setting. Non-native University students will serve as the "Instructers", while either another non-native or native-born experimental accomplice serves as "Learning Subject". Instructers will administer what they believe to be shocks to the accomplices whenever an error in learning is made. We will investigate how obedient these participants are to the wishes of an authority figure, the experimenter.