

**B10**

Leibish Nash

Advisor(s): Jeremy Coplan

**Effects of Concurrent Stress on the Anterior Hippocampus of Nonhuman Primates**

Prior studies have implicated Early Life Stress in Non-Human Primates with affective dysfunction in adults. Hippocampal PKM $\zeta$  expression has been implicated in the molecular substrate that underlies this phenomenon. The present study expands this relationship by exposing NHPs to adult stress and collecting histological measures of PKM $\zeta$  expression and behavioral measures of affective dysfunction.