Multiple systems of learning and memory: Roles in adaptive and maladaptive decision making

We know that multiple forms of learning and memory exist, but how do they interact to support adaptive behavior? I will present research that examines the unique and overlapping contributions of distinct learning processes to behavior. In particular, I will focus on the role of the striatum and the hippocampus in learning and decision making across multiple time scales. Finally, I will discuss some studies examining dysfunctional learning and decision making in individuals with eating disorders.