



**University of
Zurich^{UZH}**

Department of Economics – Neuroeconomics Seminar

November 23, 2017 - 17:00 - 18:00

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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.