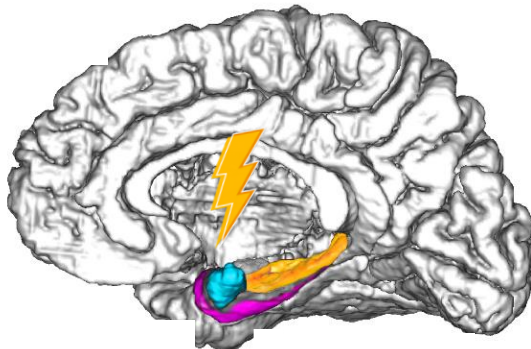


Emotional events are better remembered and last longer

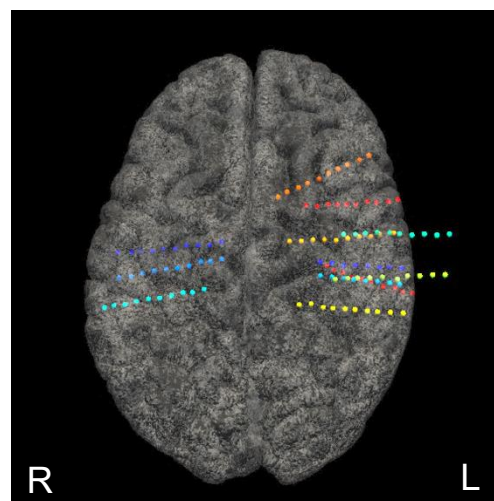
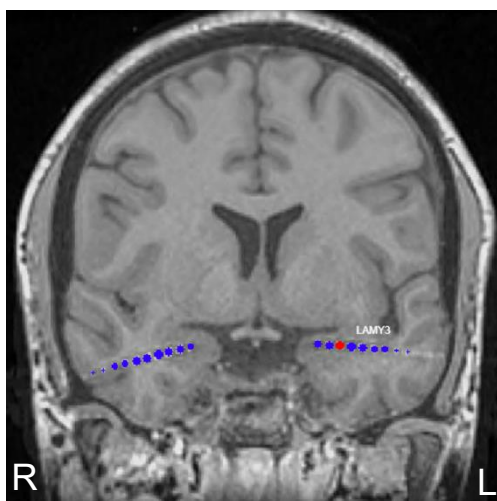
Requires the amygdala

Interaction with nearby regions like hippocampus

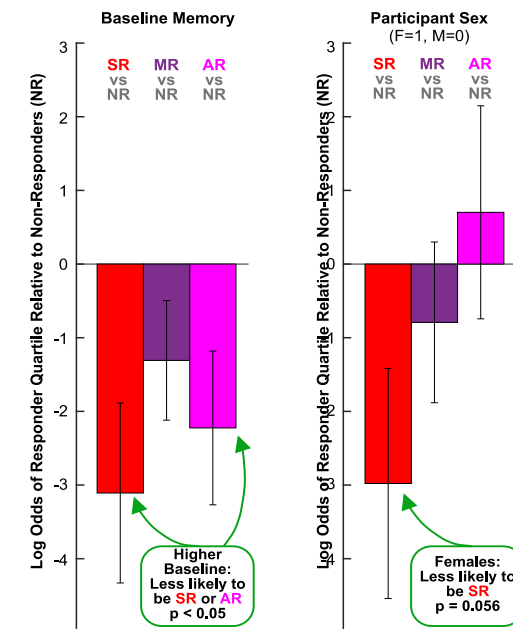
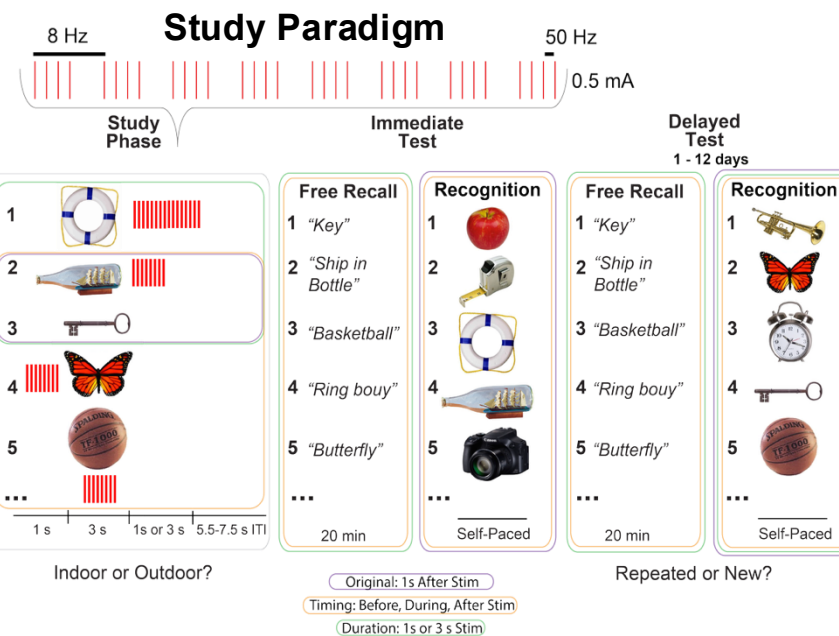


Human amygdala stimulation can enhance declarative memory without emotional arousal

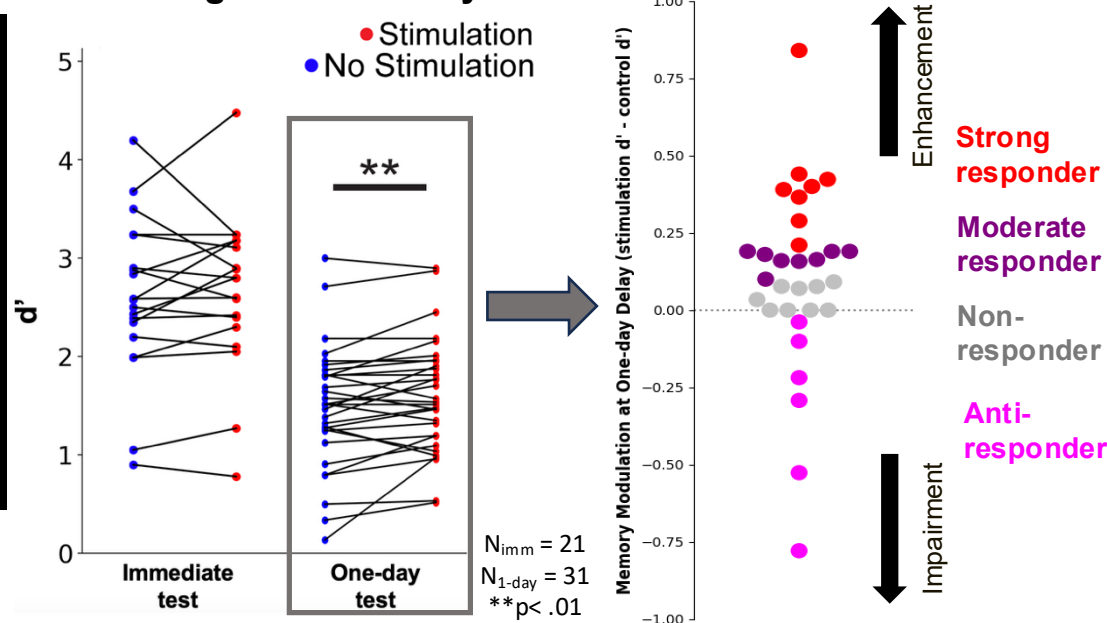
Inman et al., PNAS 2018



Patients with intractable epilepsy post brain surgery are tested in a computerized task.



Recognition Memory Test



Poorer baseline memory allows for larger memory modulation effects.

Memory enhancement is rather observed in males compared to females.

Current directions

Calculating the volume of activated tissue by the stimulation in nearby regions to differentiate between memory impairment and enhancement.