

## **Summary of Memory Storage Site Functions**

Medial Temporal Lobes: Hippocampus and Rhinal Cortex

Spatial location and object recognition, respectively

Mediodorsal Thalamic Nucleus and Basal Forebrain

Functions less well understood, but implicated in memory by studies of Korsakoff's and Alzheimer's patients, respectively

Inferotemporal Cortex

Visual pattern perception of objects

Amygdala

Emotional-significance of objects and events

Prefrontal Cortex

Temporal order of events, and working memory

Cerebellum

Sensorimotor skills

Striatum

Learned relationships between stimuli and responses