











Summary: Brain Areas Involved in **Long-Term Memory** The hippocampus is critical for creating

- episodic memories.
- Frontal lobe areas are important for engagement with material (deeper processing).
- Medial temporal lobe is important for creating generic/semantic (i.e. nonepisodic) memories

Psych 9B -- PSB 11B



Storage of Semantic Memories: Mechanisms and Codes Memory requires two things Storage mechanism Something physical that is changed ☐ In the brain, the strength of neural connections Code A convention that gives meaning to the physical changes Psych 9B -- PSB 11B





















