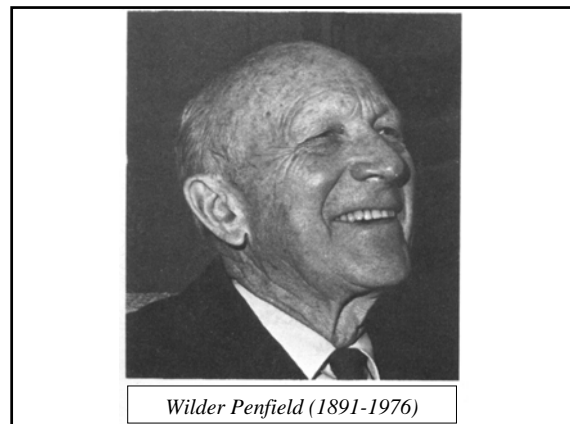
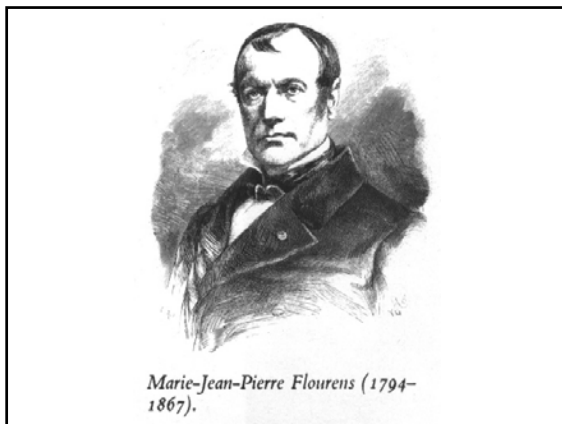
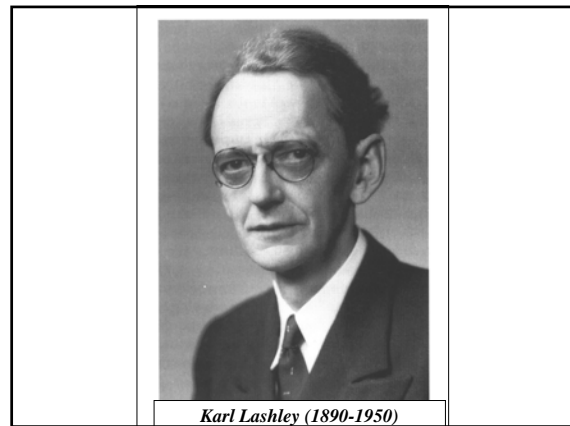
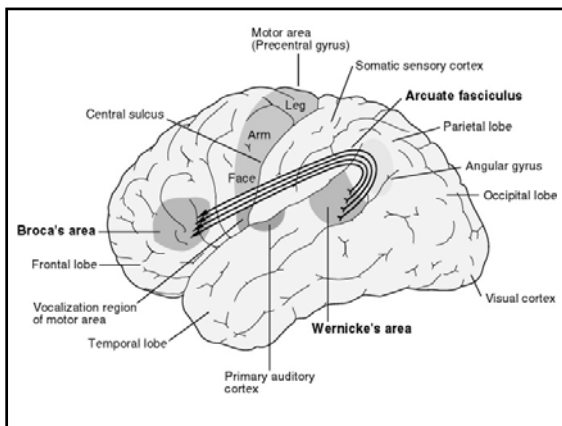
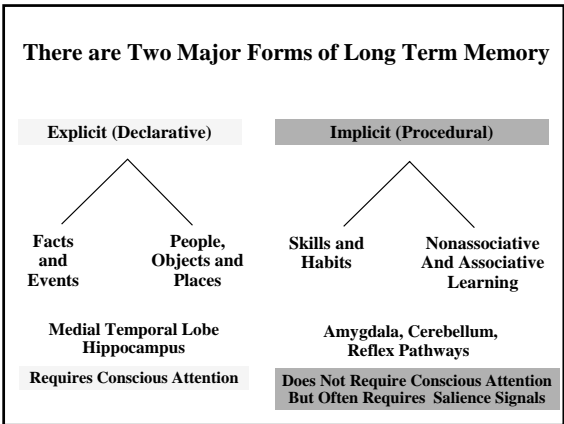
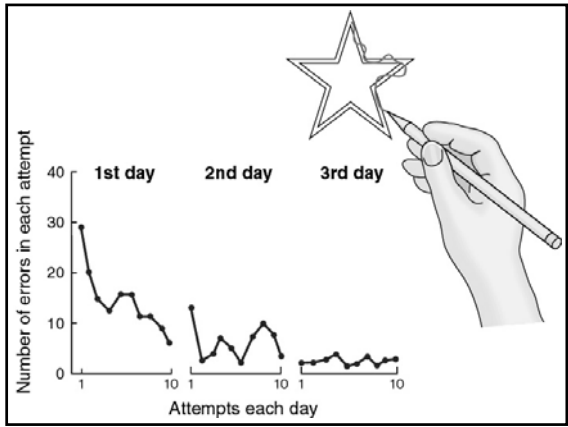
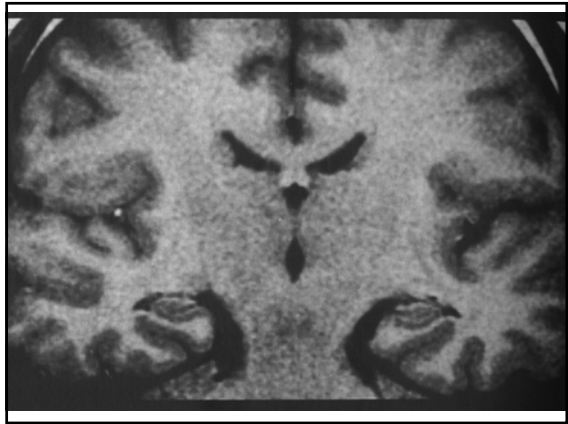
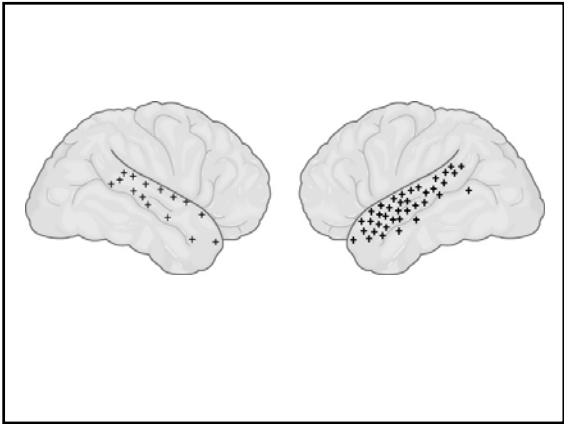


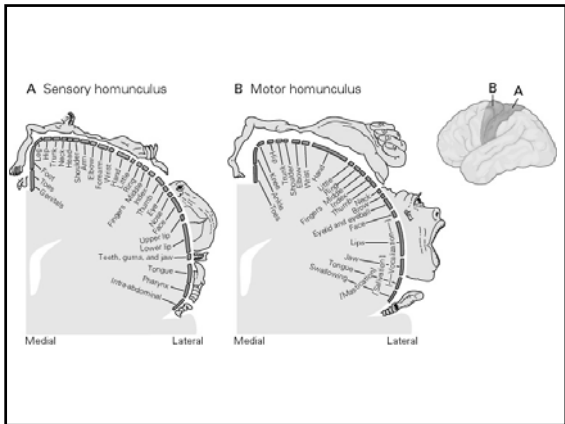
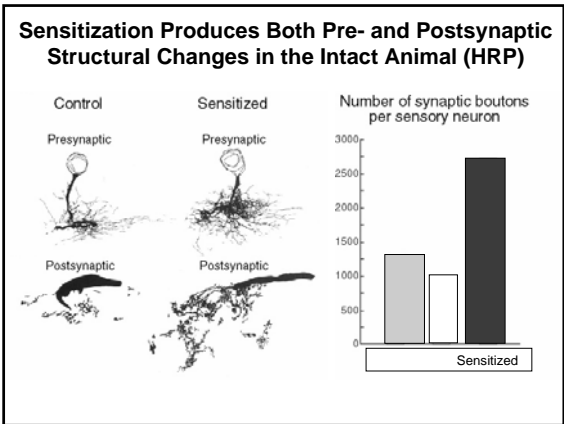
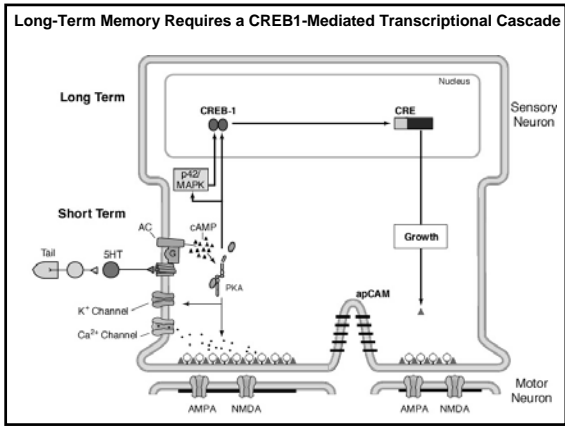
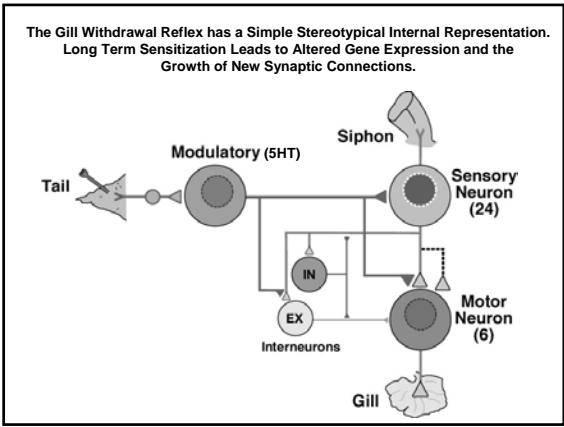
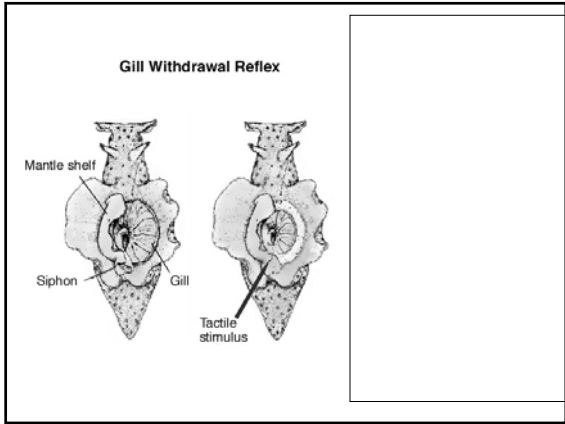
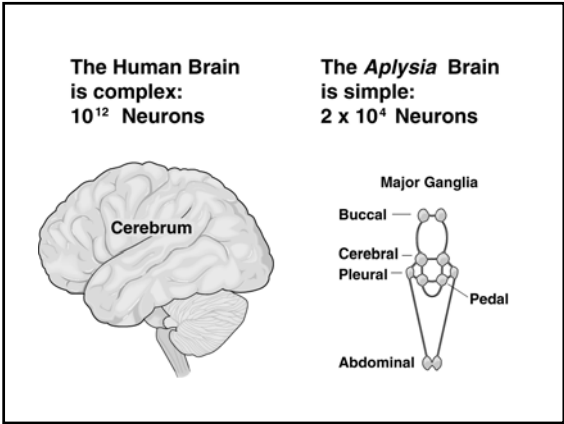
Cellular Mechanisms of Learning and the Biological Basis of Individuality

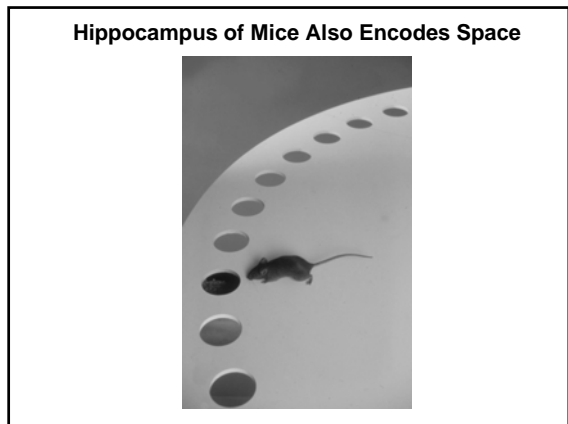
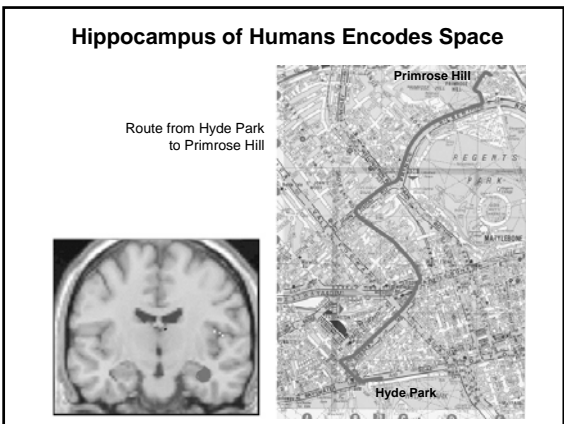
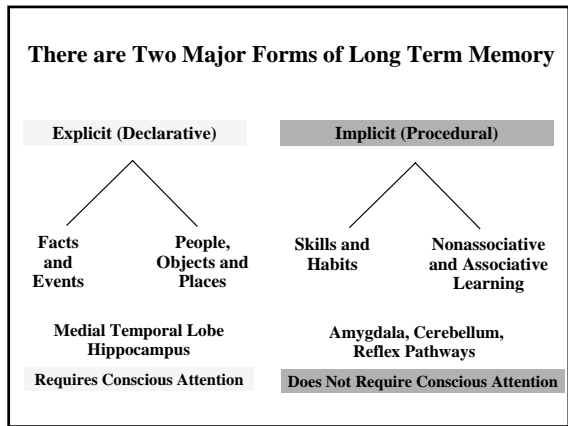
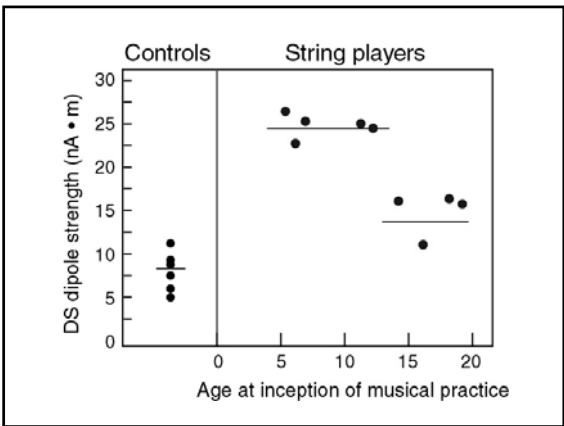
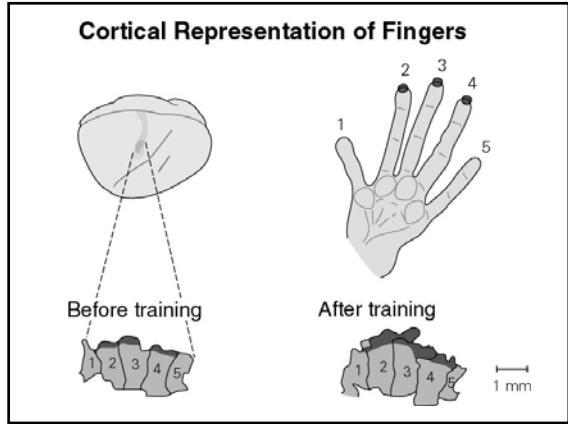
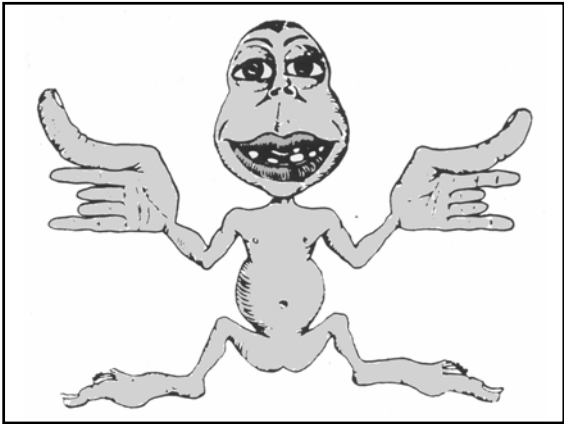
The Study of Memory Has Two Parts:

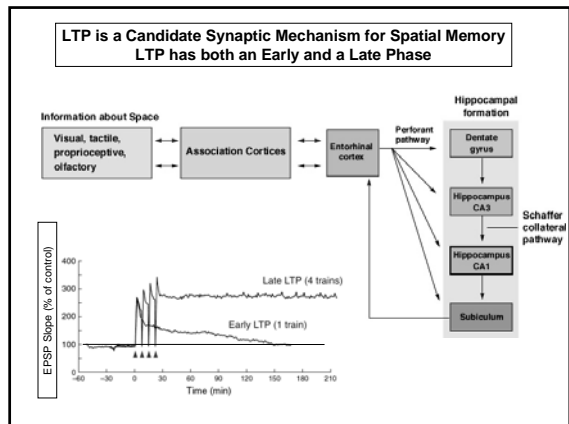
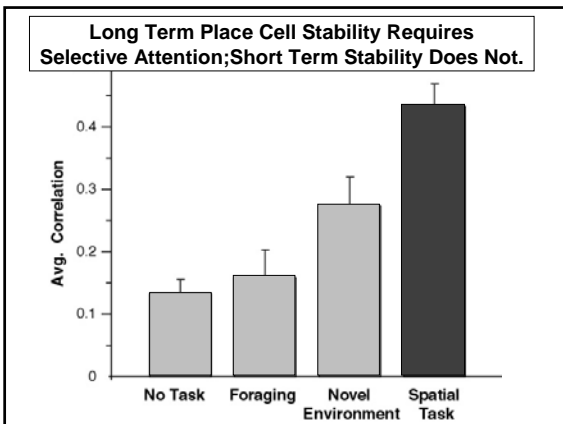
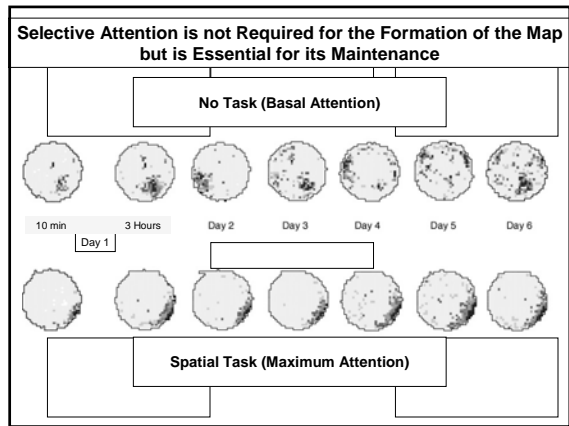
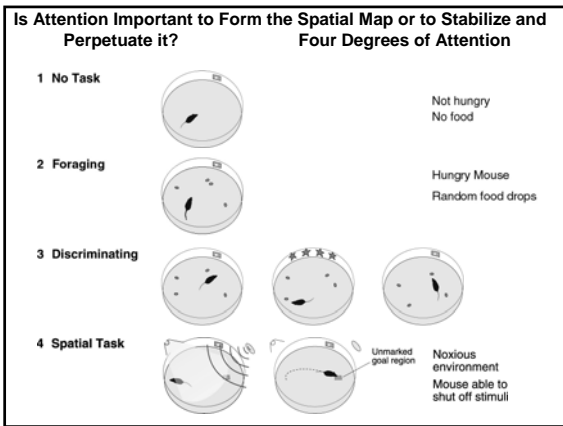
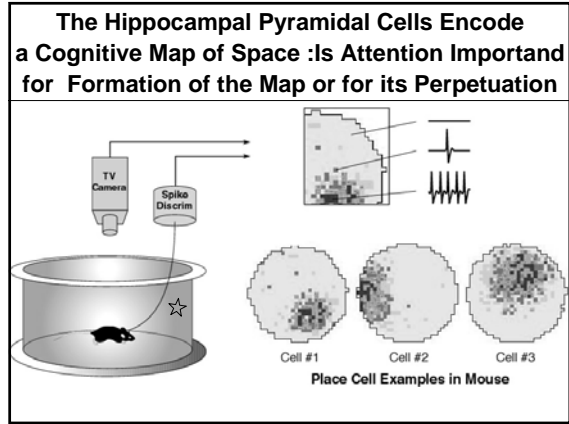
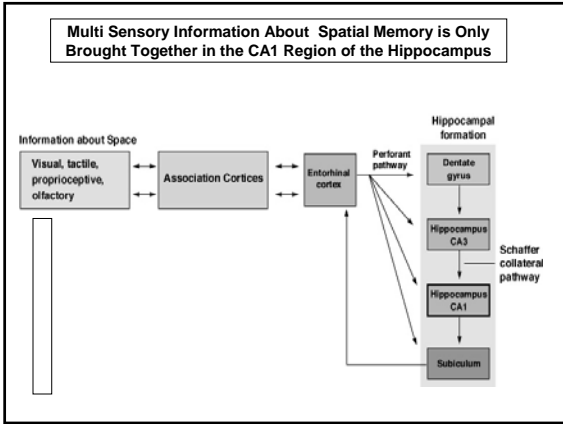
- (1) **The *Systems* Problem of Memory:**
Where in the brain is memory stored?
- (2) **The *Molecular* Problem of Memory:**
How is memory stored at each site?

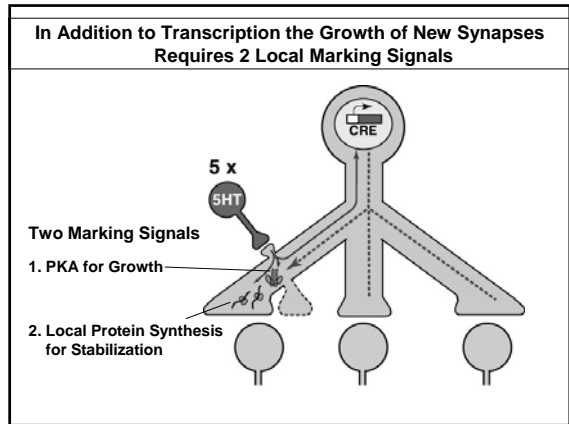
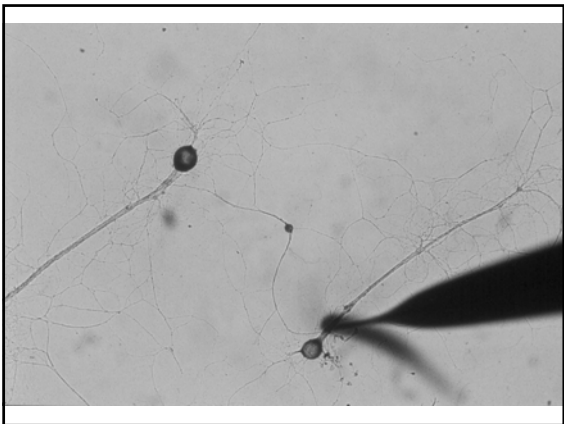
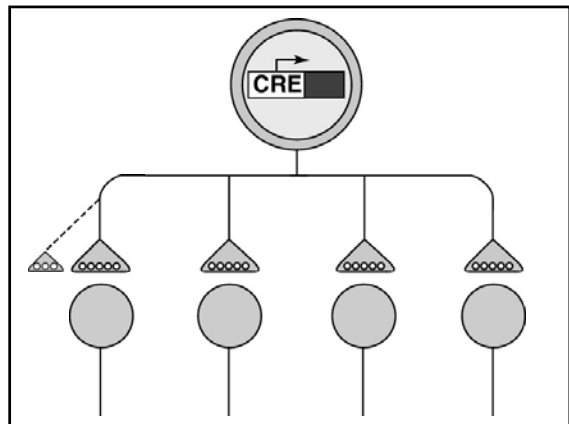
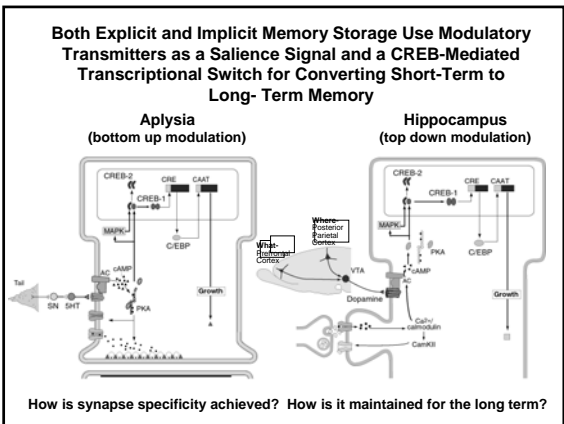
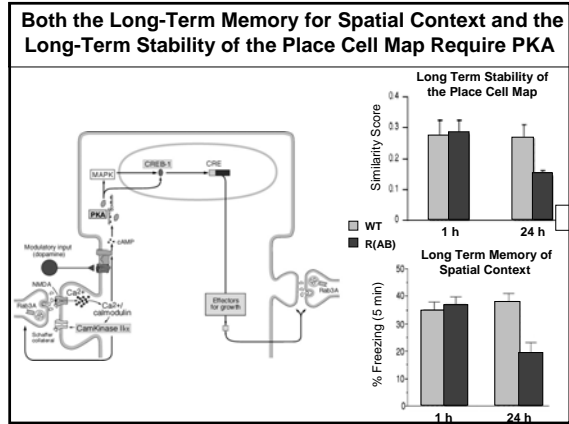
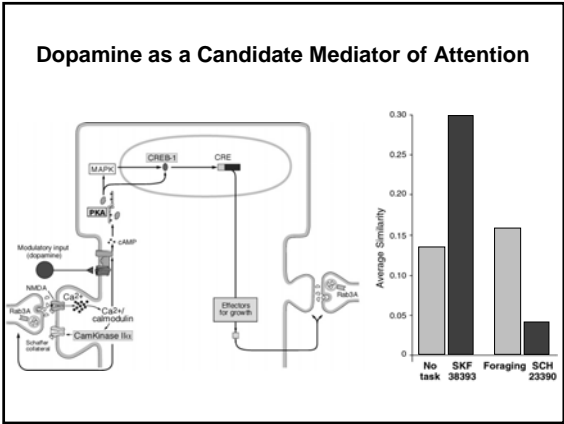


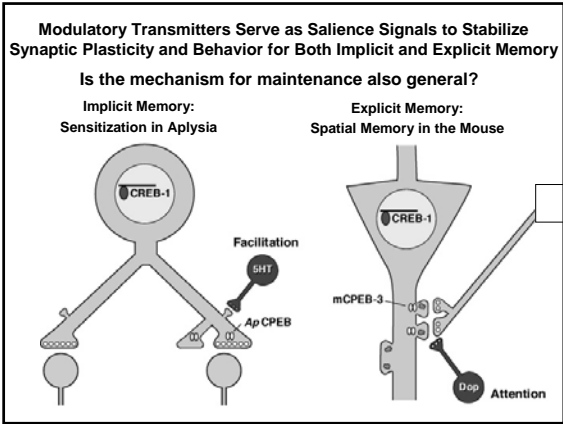
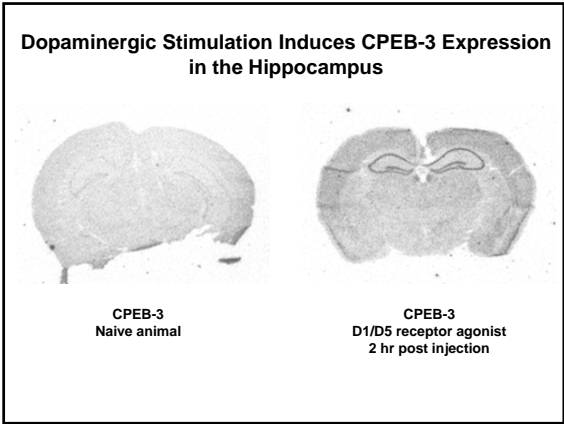
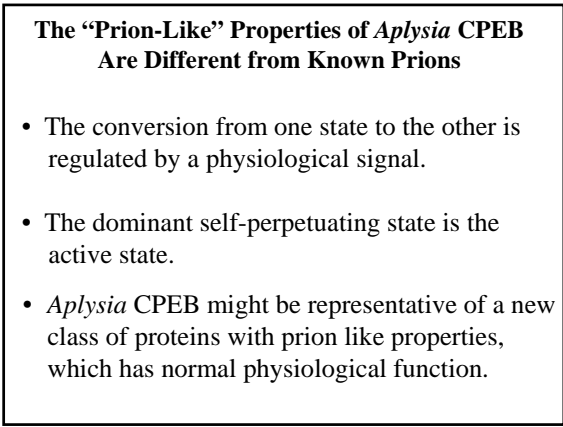
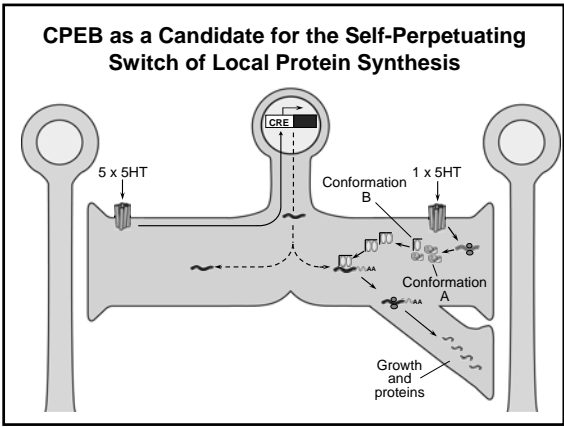
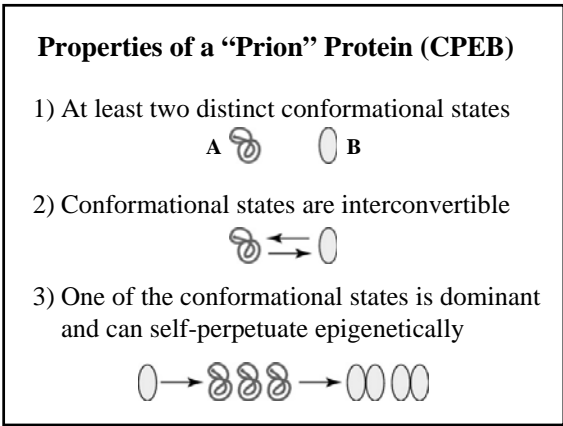
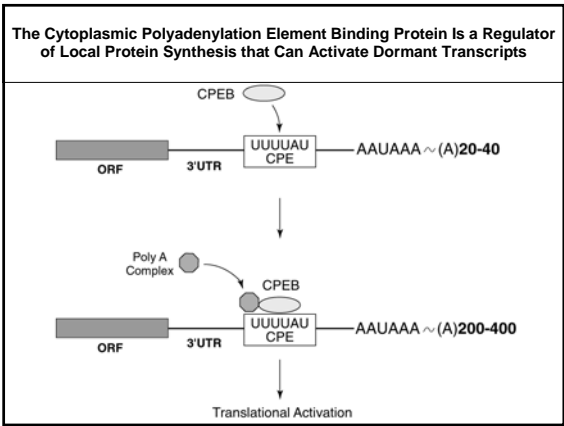


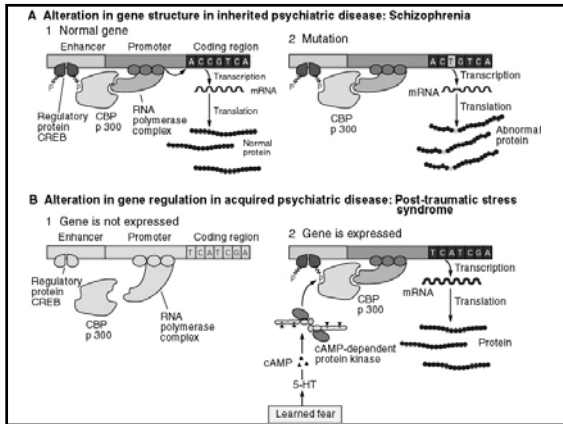












Three Methods of Regulating Synaptic Strength

<u>Period</u>	<u>Effect on Synapse</u>	<u>Mechanism</u>
1. Development	Initial Synapse Formation	Molecular Cues
2. Critical Period	Synaptic Fine Tuning	Activity
3. Adult Learning	Synaptic Modulation	Learning