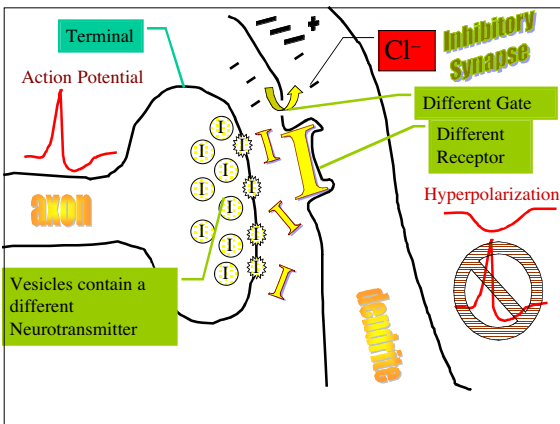
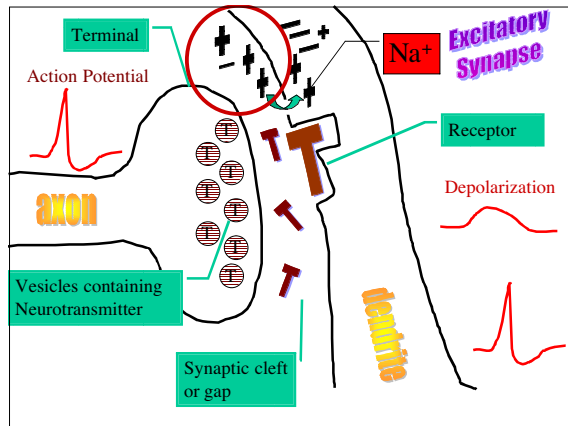
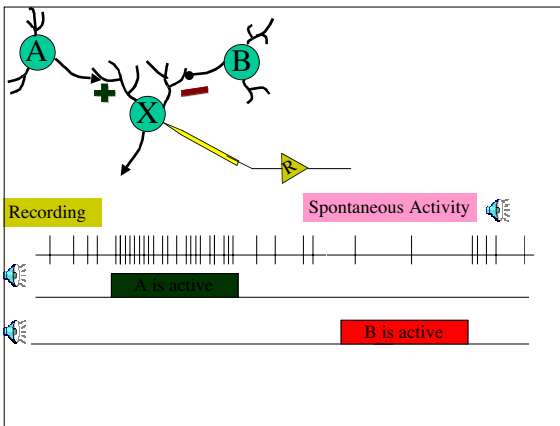
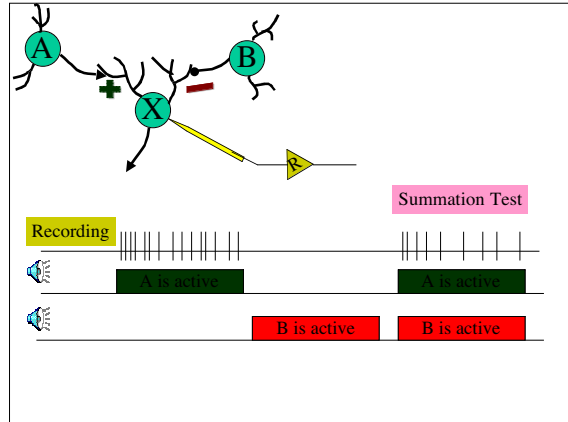
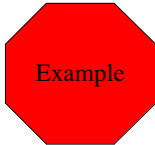


Suggest that something is still there after extinction.

Put another way:

Extinction is NOT the loss of learning, but rather, it is additional learning



Conditioned Inhibition

| | |
|-------------------------|-------------------------|
| Excitatory conditioning | Inhibitory conditioning |
| CS → US | CS → US |
| CS+ | CS- |

NOT lack of learning, rather, Learning that US will not occur

Establishing a Conditioned Inhibitor

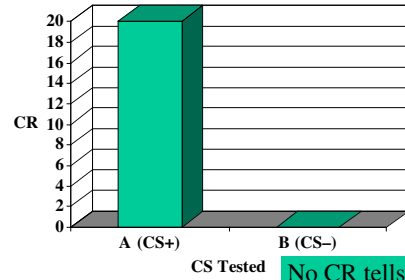
Discrimination Training

A — US
B —

A — US
AB —
(better)

In both cases B becomes a Conditioned Inhibitor;
B predicts that the US will NOT happen

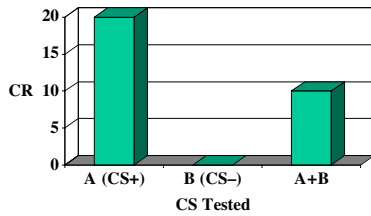
How to know if no learning, or if conditioned inhibition ?



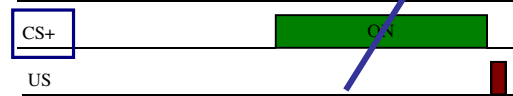
No CR tells you...
NOTHING

Summation test: CS- reduces CR produced by a CS+

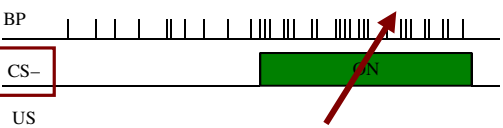
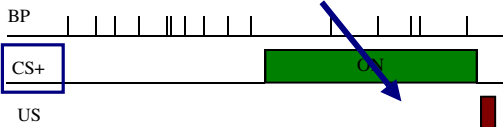
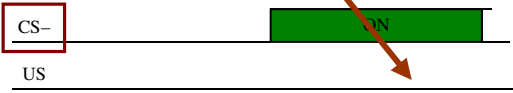
Summation Test



Avoidance responses



Avoidance responses



Excitatory conditioning = CS predicts US will occur

Inhibitory conditioning = CS predicts US will NOT occur

Excitatory conditioning ≠ increased behavior

Inhibitory conditioning ≠ decreased behavior

Excitatory conditioning ≠ good US

Inhibitory conditioning ≠ bad US