

## Two Roles of the Amygdala in Memory

- During fear conditioning, an area of the amygdala associates sensory stimuli with the aversive events they predict
  - □ Later, when similar stimuli are detected, another area of the amygdala elicits fear responses
- Other areas of the amygdala respond to adrenaline, by signaling to the rest of the brain the presence of something "important" that should be remembered

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Psych 9
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Memory 4

Psych 9B -- PSB 11B

## A.

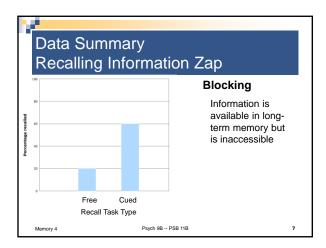
 The "Recalling Information" zap involves comparing results from a *free-recall* and a *cued-recall* task. Comparing the results from these procedures tells us about

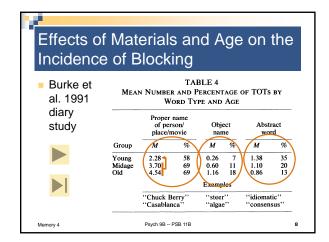
Psych 9B -- PSB 11B

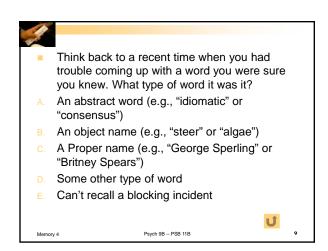
- Memory span
- B. Blocking

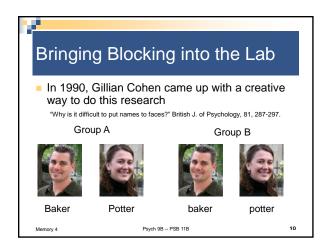
Memory 4

- Absent mindedness
- D. Transience









## Why We Block on "Baker"s More Often than "baker"s?

John Stuart Mill: "Proper names are not connotative, they denote individuals who are called by them: but they do not indicate or imply any attributes belonging to those individuals."

 Proper names are blocked because they are less well integrated in memory

Memory 4

 Descriptive proper names lead to less blocking than other proper names (Bredart & Valentine, 1998)

Psych 9B -- PSB 11B

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