

DVD Illustrating intrusions due to Source Confusion and Binding Errors

- Part 1 Illustrates that intrusion errors can happen even under close to ideal viewing/memory conditions and over fairly short delays
- Part 2 Memory for events requires binding information stored in various areas of the brain.
 This binding process can fail
 - "Source" is one kind of information

Memory 5

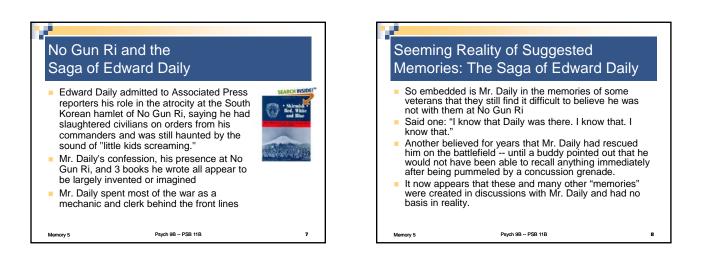
- Part 3 Describes a PET study using the DRM paradigm. Activations in the auditory cortex were found to distinguish true recollections from false alarms
- "This is what happened" vs. "This is what I remember"

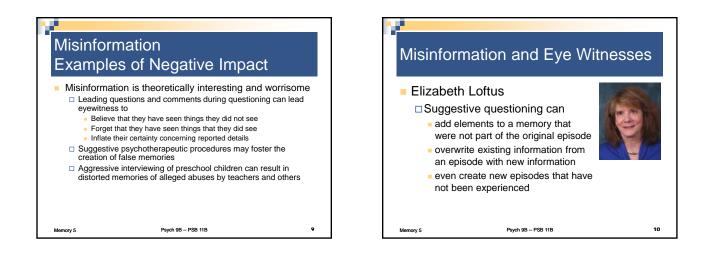
Psych 9B -- PSB 11B

Are you aware of ever having been convinced that you saw something only to learn that your "memory" came from the questions or comments of friends?

Psych 9B -- PSB 11E

- A. Yes, on many occasions
- B. Yes, but only once or twice
- c. No, never that I am aware of





Research by Gary Wells: Suggestions Affect Eye-Witnesses

Problems occur because of

Memory 5

- Encouraging eye-witnesses to "think" about
- identifications
- □ Showing multiple suspects simultaneously in a line-up
- Providing "feedback" about choices
 Failing to emphasize that the suspect may not actually be in the line-up
- These problems matter because juries believe confident eye witnesses
 - $\hfill\square$ Confidence and accuracy are not strongly related

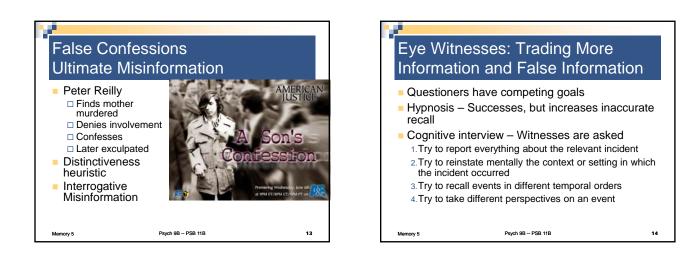
Psych 9B -- PSB 11B

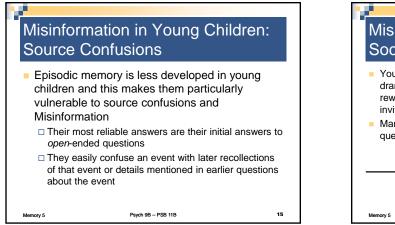
11

Eye witness accounts are often critical to identify and obtain convictions of criminals.
 Given what you know of their advantages and disadvantages, do you feel that this is appropriate?
 A. Definitely Yes
 B. Yes, with some reservations
 C. No, with some reservations
 Definitely No

Psych 9B -- PSB 11B

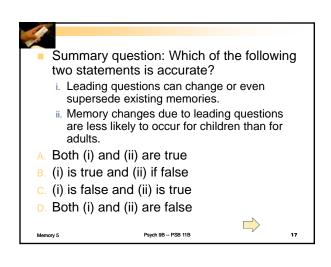
12





Misinformation in Young Children: Social Pressures Young children's recollections are easily and dramatically influenced by social pressures: i.e., rewards, praise/disapproval, repetition of questions, invitations to imagine what "might" have happened Manny-the-Clown study of the effects of the suggestive questioning of preschoolers

Memory 5	Psych 9B PSB 11B	16
3	81%	31%
5 – 6	50%	10%
Age (Years)	Social Incentive	Control



g.

 Improvement on the Serial Response Task in the Implicit Memory Zap probably depends most on _____.

Psych 9B -- PSB 11E

- A. declarative memory
- B. episodic memory
- c. priming
- D. procedural memory
- E. semantic memory

18

