



## Overview

- I. Familiarity and Priming
  - Behavioral and Neuropsychological Data
  - Neuroimaging Data
- II. Familiarity and Recollection
  - fMRI Encoding Correlates
  - fMRI Retrieval Correlates
  - Independence or Redundancy?

## Familiarity and Priming?

### F and Perceptual Priming

- Behaviorally dissociable:  
LoP, study-test perceptual similarity (e.g., Wagner et al. 1998a)
- Neurally dissociable:  
patient E.P. (e.g., Hamann & Squire, 1997)  
patient M.S. (e.g., Gabriel et al., 1995; Wagner et al., 1998b)

### F and Conceptual Priming?

- Behavioral data: no dissociative evidence
- Neurobiological data:  
patient M.S. — conceptual priming and F intact  
patient X.X. — conceptual priming impaired & F intact?







