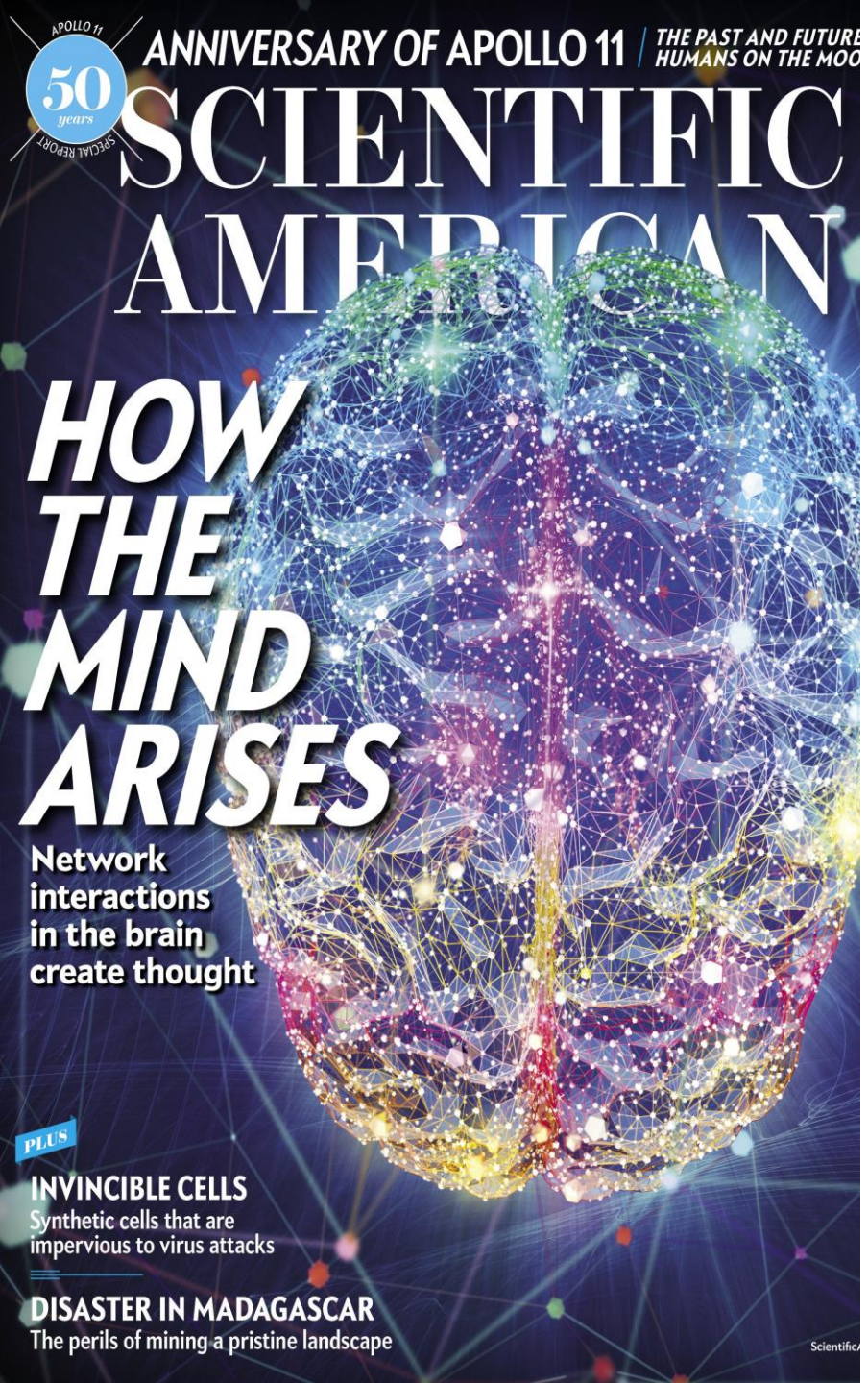


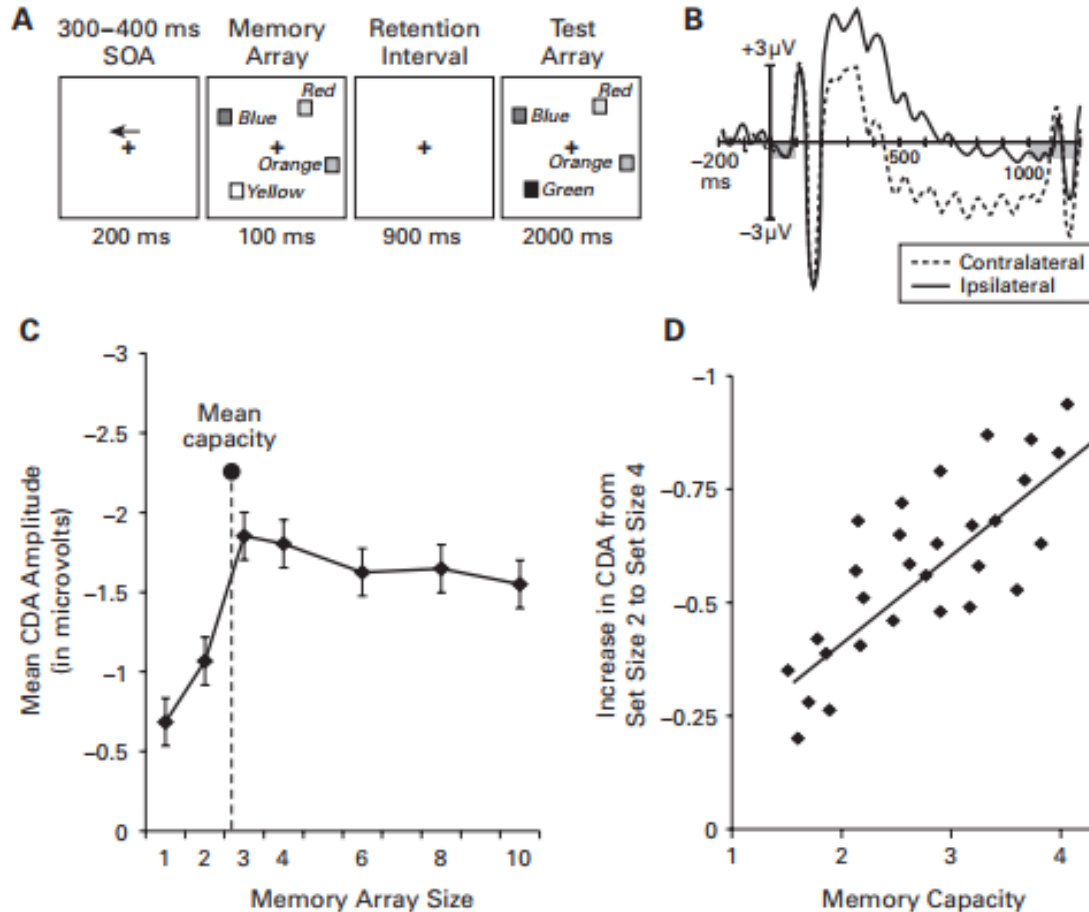
Chapter 3 cont pt. 2



The Discovery of N2pc (and advice about listening to your mentor)

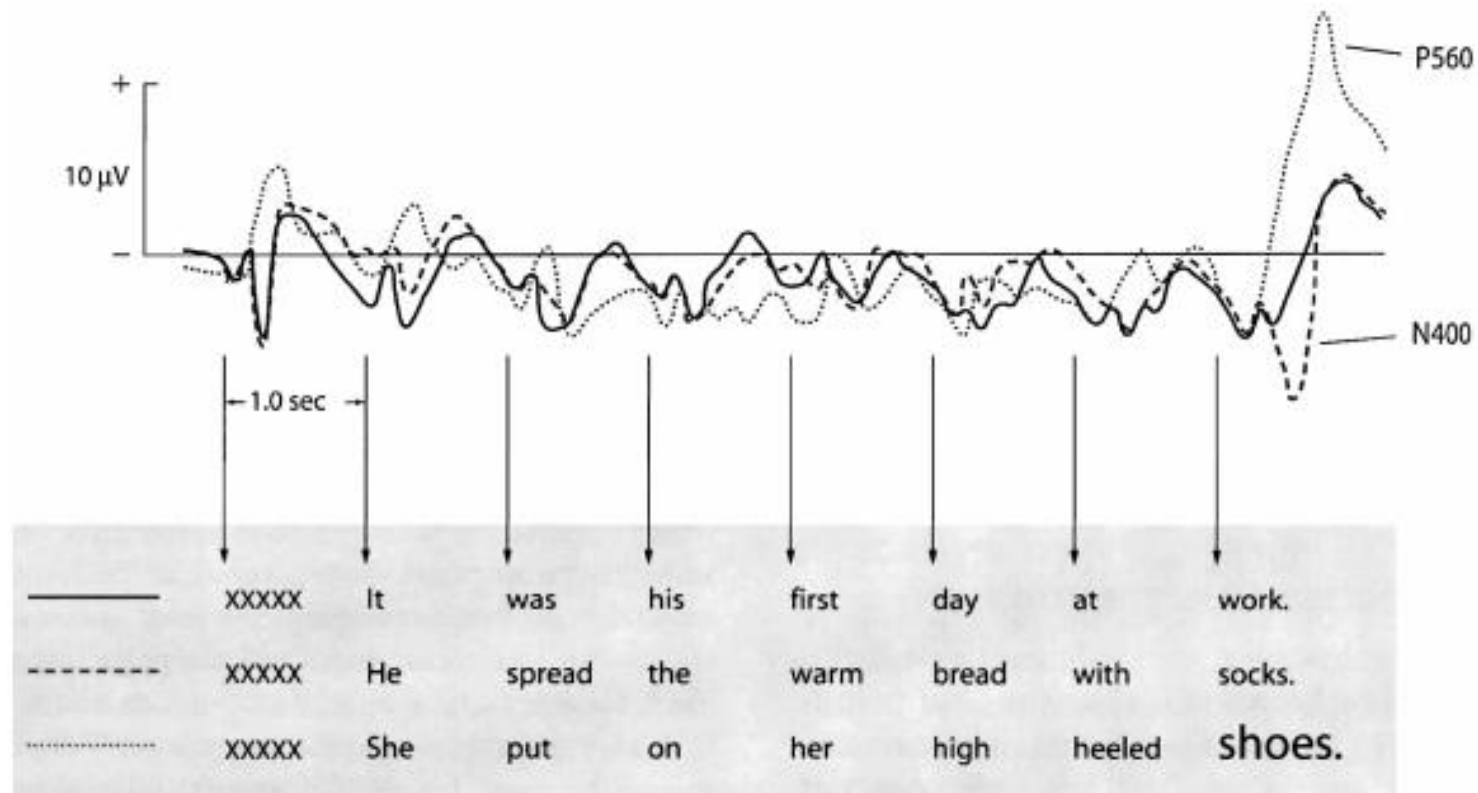
- 8 years to publish papers regarding N2pc
 - First identified during Luck's first grad experiment
 - "ERP" a visual search task
- When to listen to your mentor and when not to!
 - When your mentor suggests adding something = listen!
 - When your mentor tells you something won't work = Don't (respectfully)

The Discovery of the CDA



Ed Vogel (Luck's student)

- Effects of attention on perceptual encoding and working memory encoding.
 - “ERP”ed this experiment to see whether P1 was influenced by attention under certain conditions
- Vogel pocketed this idea because Hillyard was a dedicated attention researcher (not working memory)
 - His student ran 12 participants while he was gone.
- These experiments eventually got published in Nature



The Discovery of the N400 Component

A result of a "failed" P3 experiment

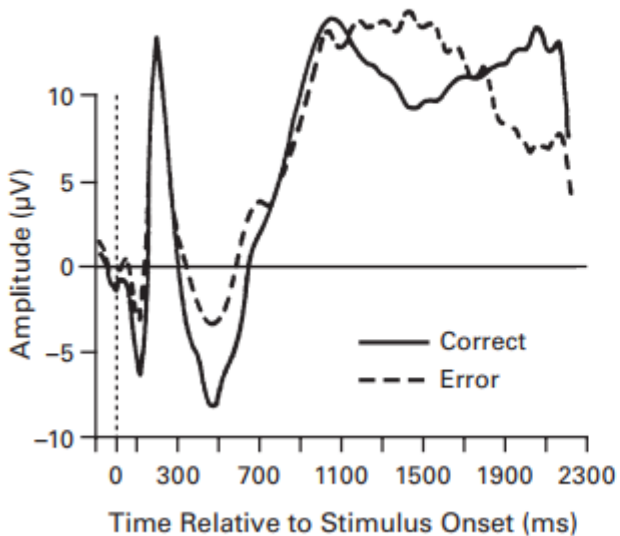
The discovery of the ERN

First observed in the context of a categorization experiment

- Designed to look at LRP.
- But found differences in N400 between trial types

Kutas suggested looking at response-locked data.

Stimulus-Locked Waveforms



Response-Locked Waveforms

