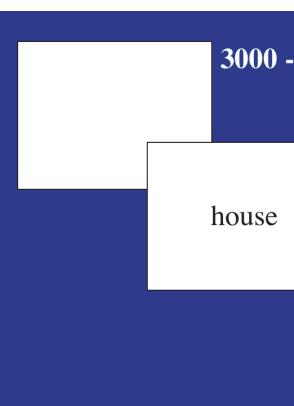
by a visual mask.

temporal sequencing of activations.

and make no overt response:



analysis.

Design:

• 2x3 design:

4-7 sec ITIs with null trials

Subjects:

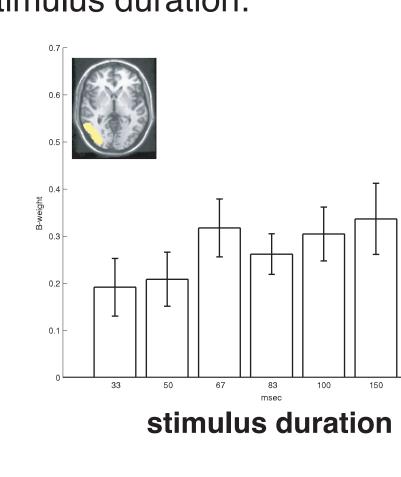
 N = 15, adult, neurologically normal no history of reading disability

- Acquisition & Analysis:
- 3T Seimens Trio scanner six imaging runs, 5:34 long
- 2 sec TR, ~143 images/condition

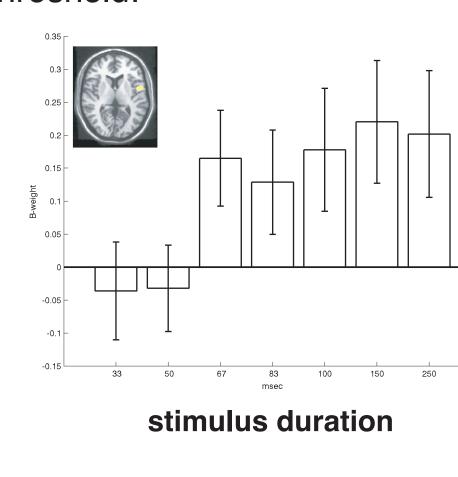
- measures analysis of variance

roles of regions.

largely linear effect, suggesting that it's activity is driven by simple physical stimulus duration:



Broca's area, in contrast, shows a step function, suggesting that stimulus has reached a specific threshold:

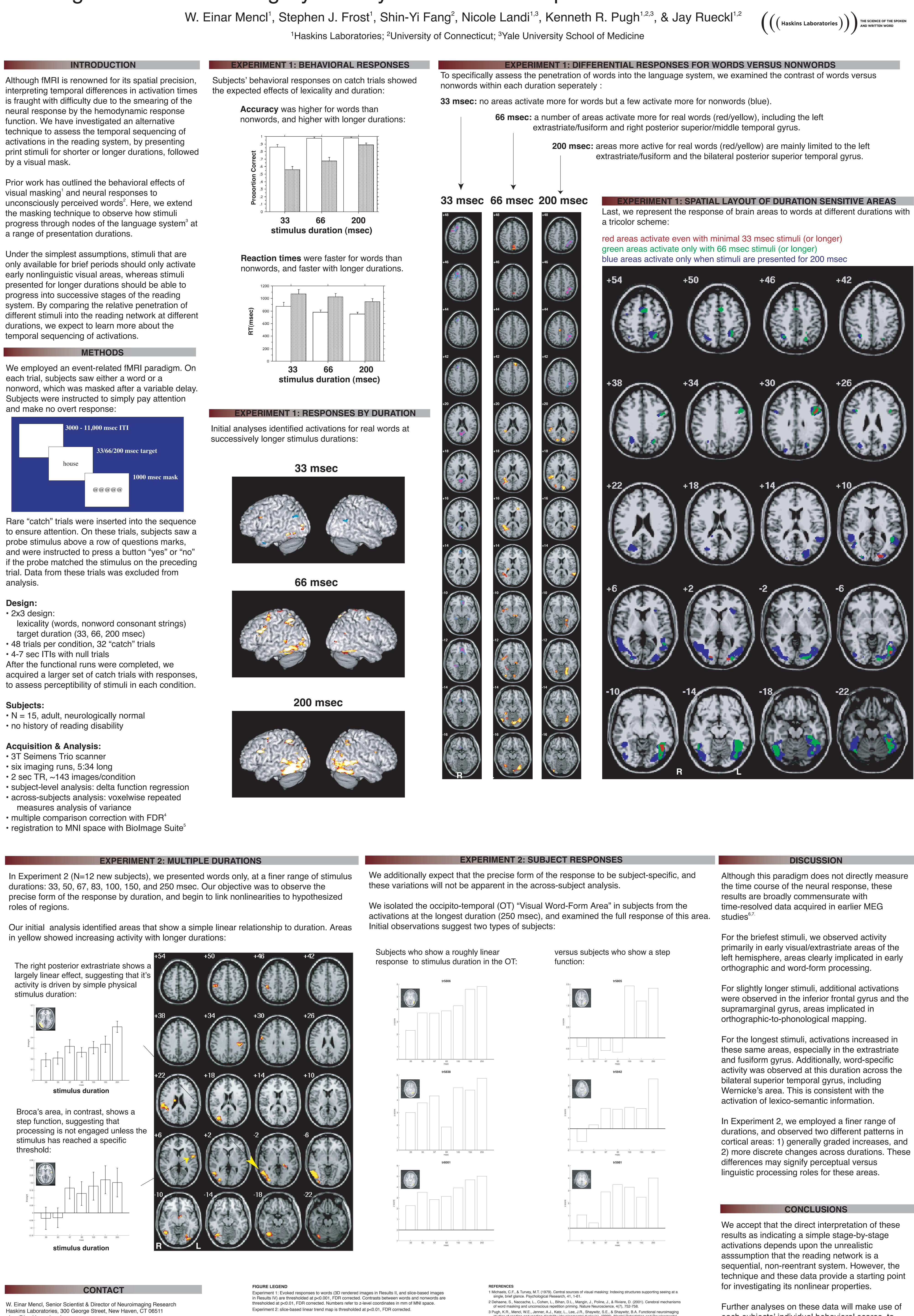


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www.haskins.yale.edu This work was supported by NIH grant HD-01994 to Carol Fowler. We also thank Rebecca Herter for her assistance with data acquisitions and



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analysis; and Mark Seidenberg for ideas and advice on the paradigm.

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each subjects' individual behavioral scores, to more precisely seperate areas supporting early automatic processing from those involved in later conscious awareness. Finally, we aim to develop a more objective characterization of the individual variation in response patterns.