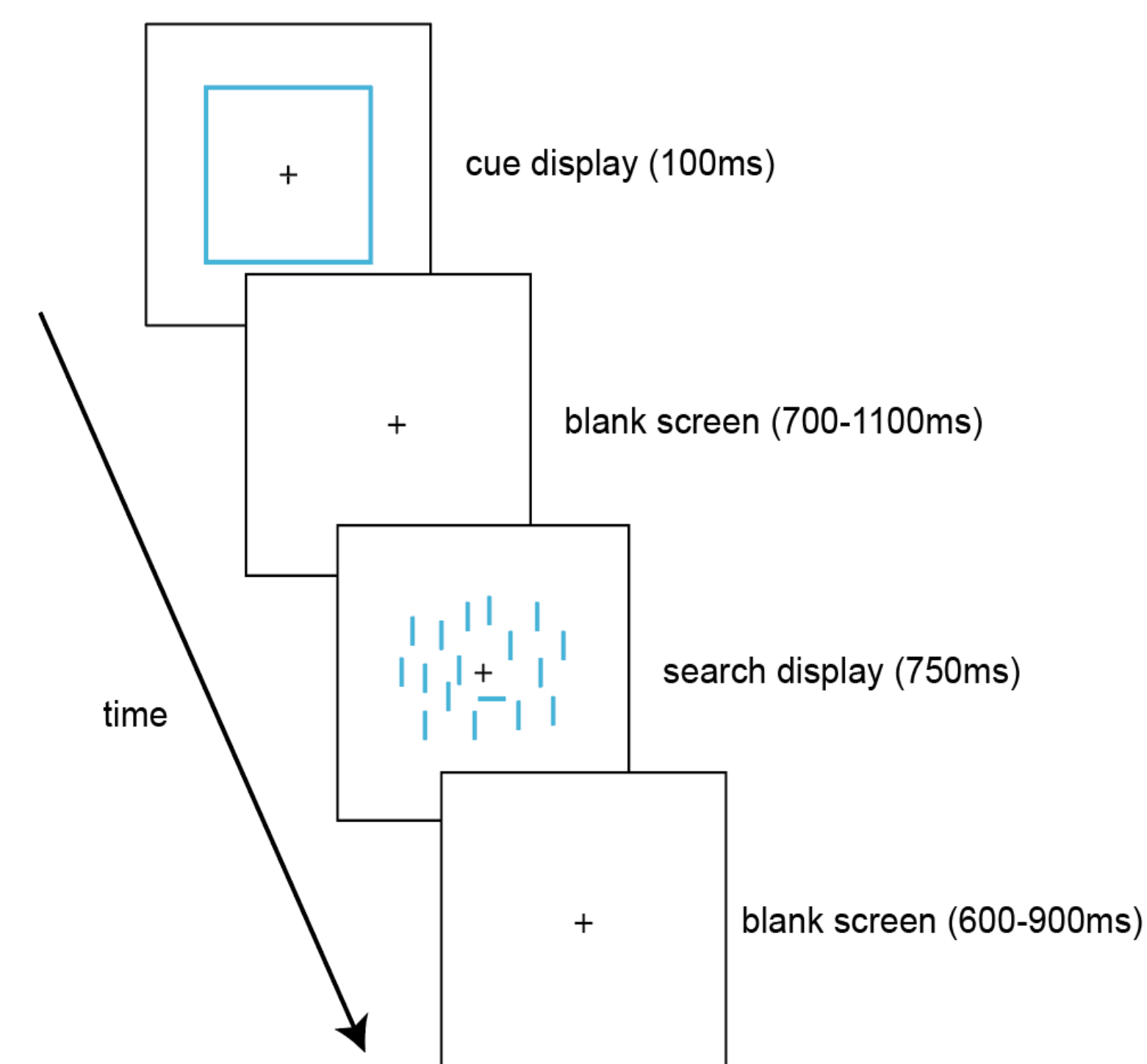


 PRESENTER:
Oscar Wu

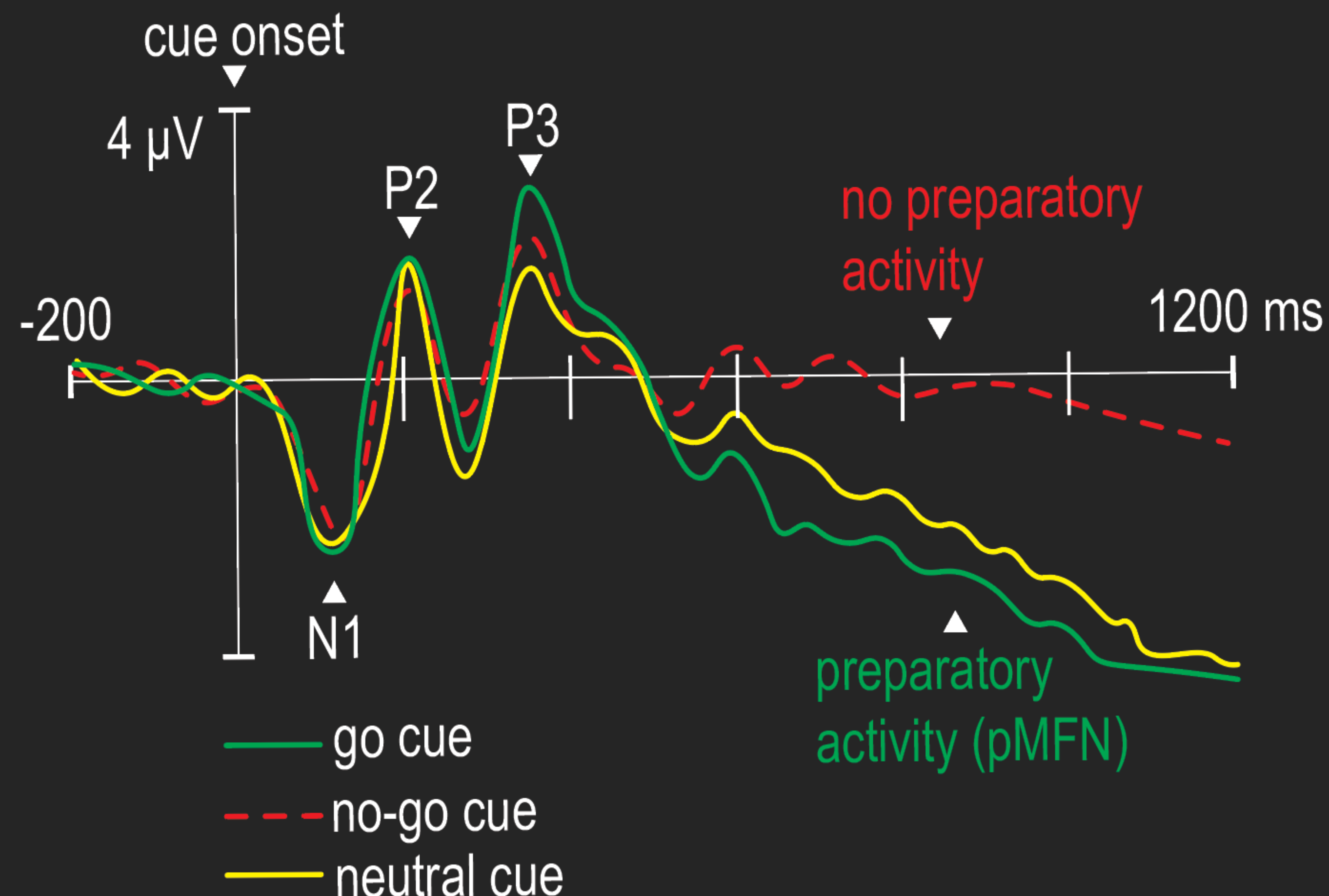
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METHODS

- ## Cued Visual Search Paradigm



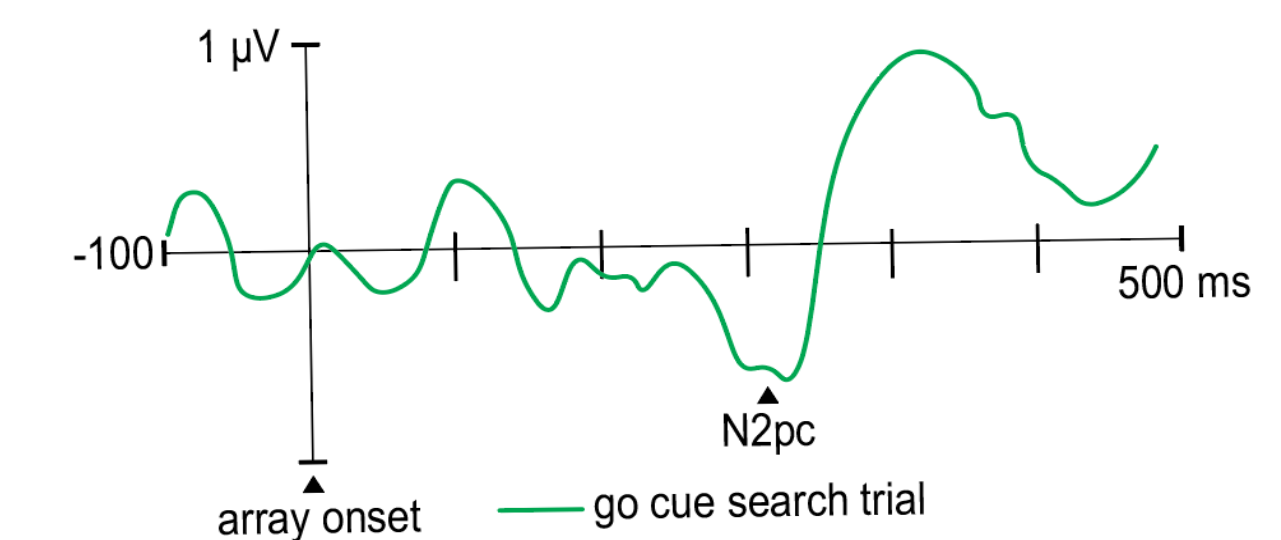
Preparatory Activity from Cued ERPs



- **Go cue:** pMFN (preparatory activity) signifying preparation to search
- **No-Go cue:** No pMFN signifying disengagement of search system
- **Search Array:** Elicits N2pc when participants prepared to search after Go cues, elicits Pd after No-Go cues

- pMFN differences show that people can proactively suppress their search system
- Pd on No-Go search trials confirm suppression of singleton
- These results go against salience-driven selection theory

1. GO CUE SEARCH TRIALS



ATTENTION CAPTURED ✓

ATTENTION NOT CAPTURED 

Luck, S. J., Gaspelin, N., Folk, C. L., Remington, R. W., & Theeuwes, J. (2021). Progress toward resolving the attentional capture debate. *Visual Cognition*, 29(1), 1–21.

J.M. Gaspar, G.J. Christie, D.J. Prime, P. Jolicoeur, & J.J. McDonald, Inability to suppress salient distractors predicts low visual working memory capacity, *PNAS* 113 (13) 3693–3698, <https://doi.org/10.1073/pnas.1523471113> (2016).

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