

Ethnicity Biases in Prospective Person Memory

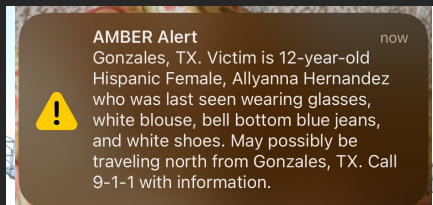
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Wanted or Missing People

- Billboards
- Age progressed photos
- Emergency alerts



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Prospective Memory

- Event-based
- Time-based
- Specific or non-specific cues
e.g., CVS versus any drugstore

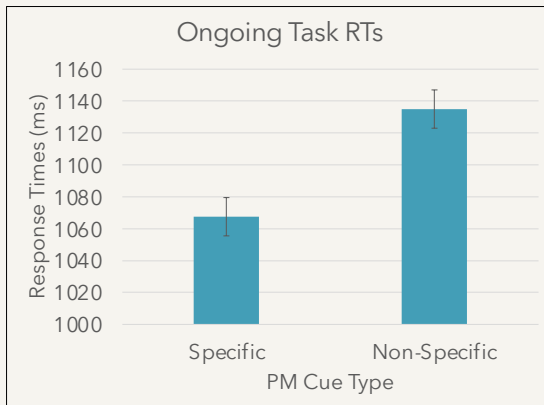
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Prospective Memory in the Lab

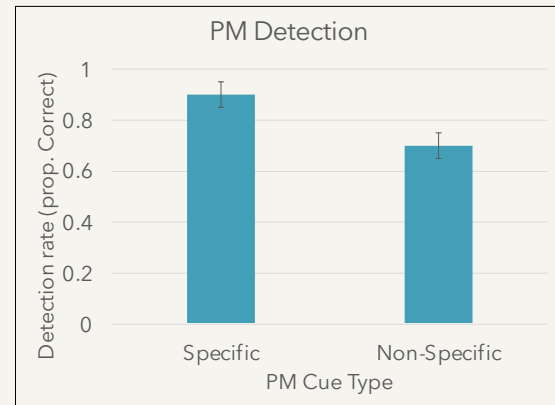


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Typical Findings



Hicks, Spitler, & Papesh, 2019



Guevara Pinto, Papesh, & Hicks, 2021

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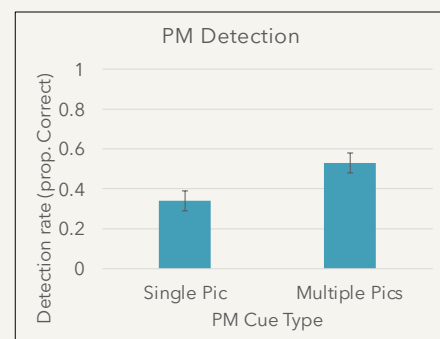
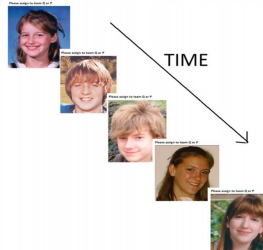
Prospective Person Memory in the Lab

PM Intention



Ongoing Task

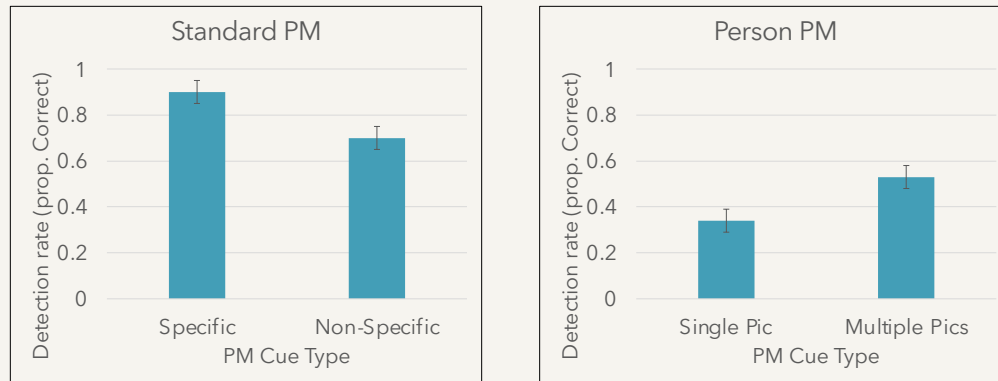
Example of sequence of slides in the team sorting task



Sweeney & Lampinen (2012)

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Prospective Person Memory is More Difficult than Standard Prospective Memory



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Other-Ethnicity Effects

Other-ethnicity faces are harder to remember, despite demanding more attention at learning.¹

Often attributed to featural, instead of configural, processing.²



¹Goldinger, He, & Papesch (2009); ²Hayward et al. (2013), cf. Wong et al. (2021)

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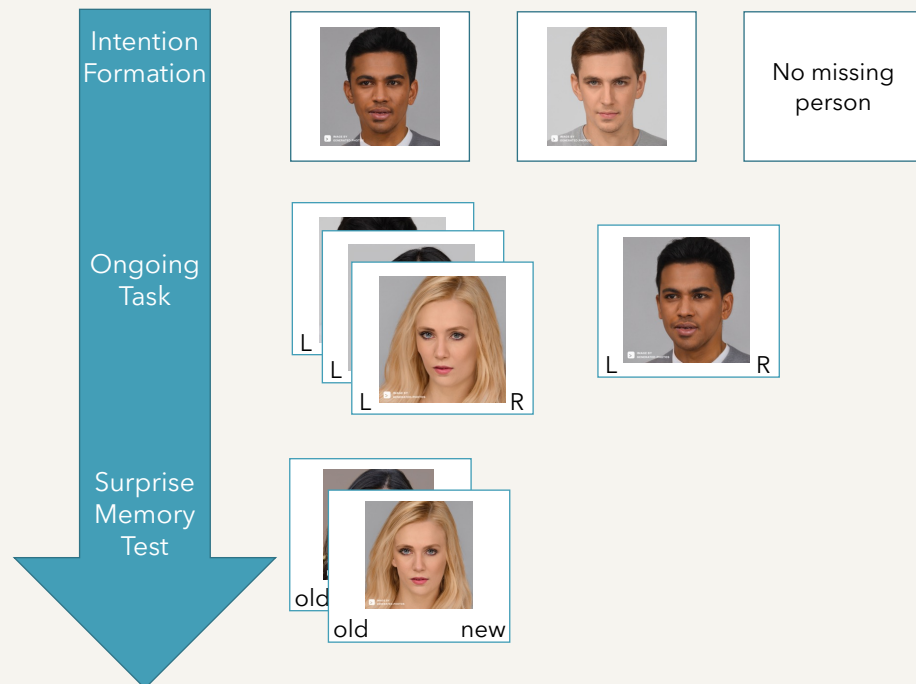
The Current Study

- How will the ethnicity of missing people affect...
Observers' ability to spot missing people?
Observers' ability to make ongoing task decisions?
Observers' ability to remember other (non-PM) faces?



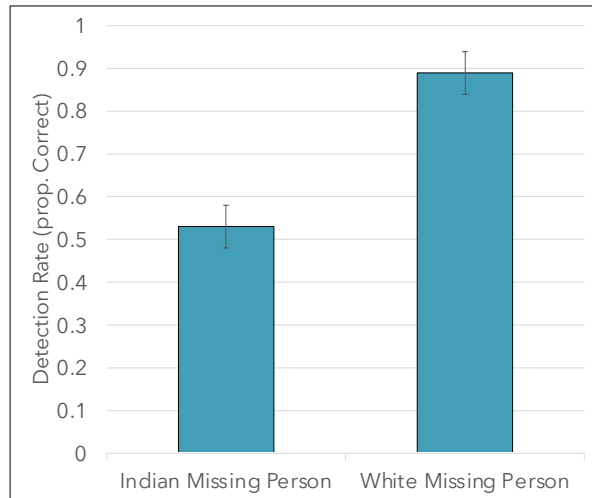
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Method

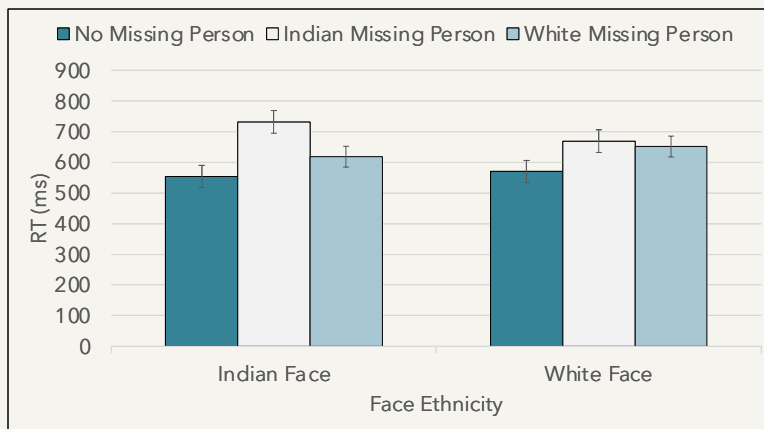


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Results: PM Detection

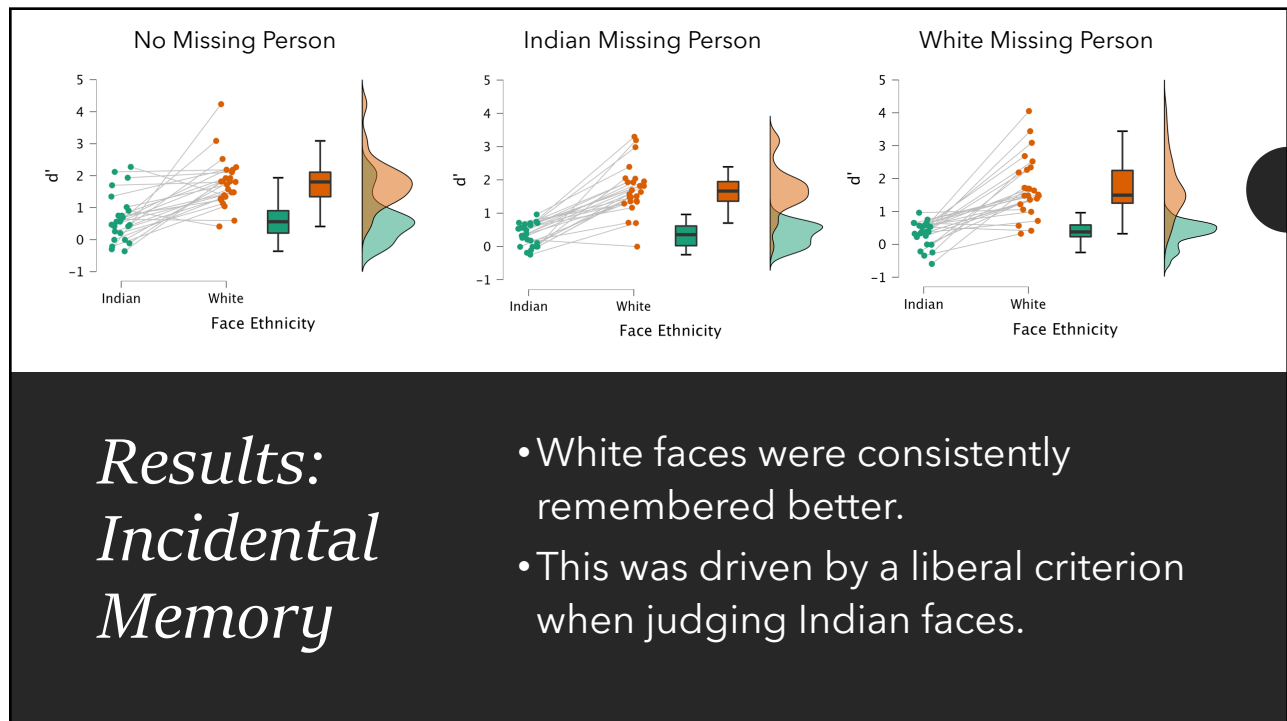


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Results: Ongoing Task

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Conclusions

Spotting missing people from other ethnicities is less accurate.

This happens even when people spend *more time* looking at other-ethnicity faces.

Looking at other-ethnicity faces for longer does not make them more likely to be remembered.

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