

Modulating Intrusive Memories During Memory Reconsolidation

Using the Trauma Film Paradigm

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laboratoire
EMOTION
MEMOIRE

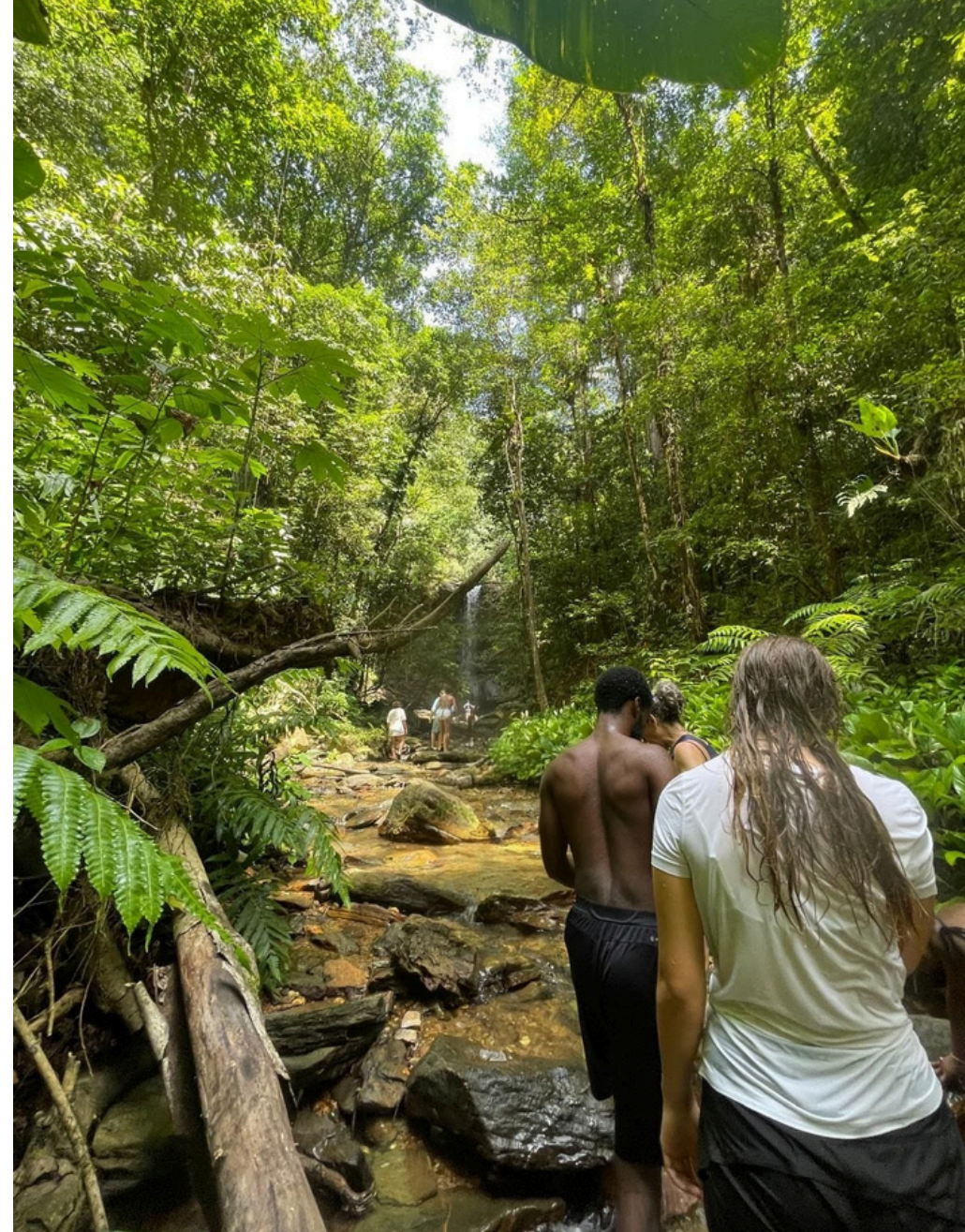
About Me

Trinidadian

Neuroscience BS with a minor in
Cognitive Science at Hofstra
University

In pursuit of a PhD in psychology

Hobbies: reading, writing poetry,
learning languages, watching good
film



Background

PTSD affects many people in Europe and in the World

Around 7.7 million people in Europe

Around 318 million people in the world

Current PTSD Treatments

They only reach full effectiveness in a subset of patients: **50-60%**

Cognitive Behavioural Therapy (CBT)

Exposure Therapy

Selective Serotonin Reuptake Inhibitors (SSRIs)

Eye Movement Desensitization and Reprocessing (EMDR)

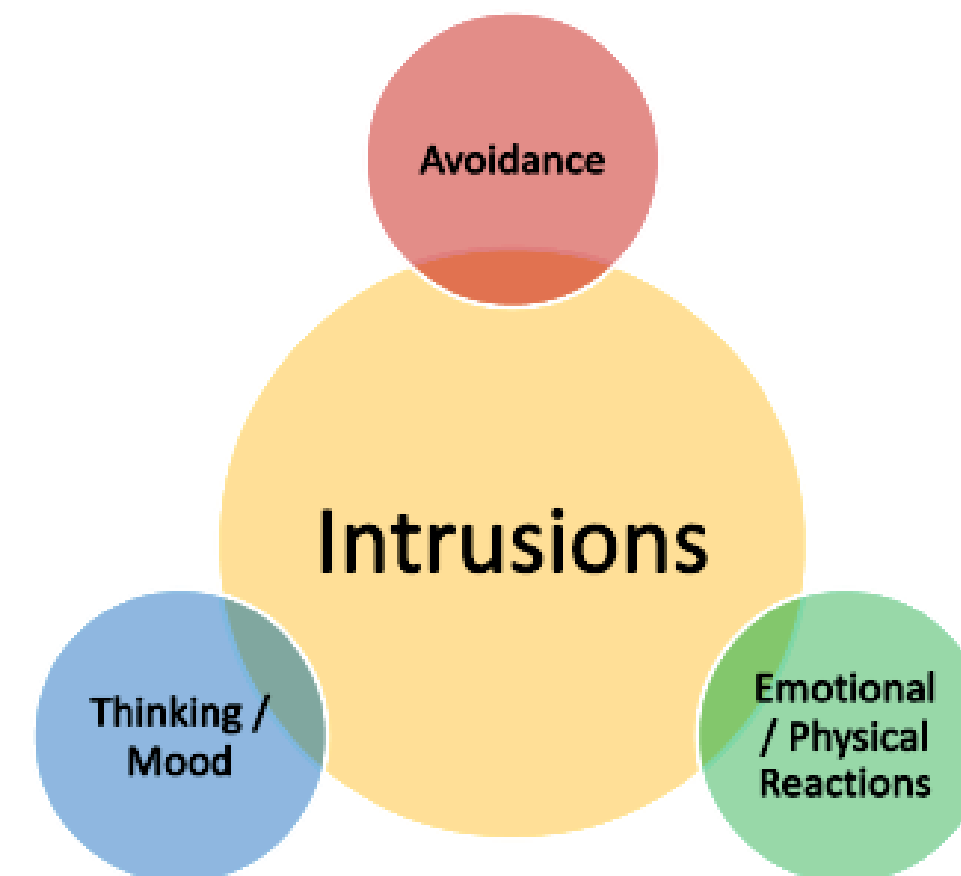
The Use of Tetris

Visuospatial intervention

Holmes 2009: first to use tetris

The Trauma Film Paradigm

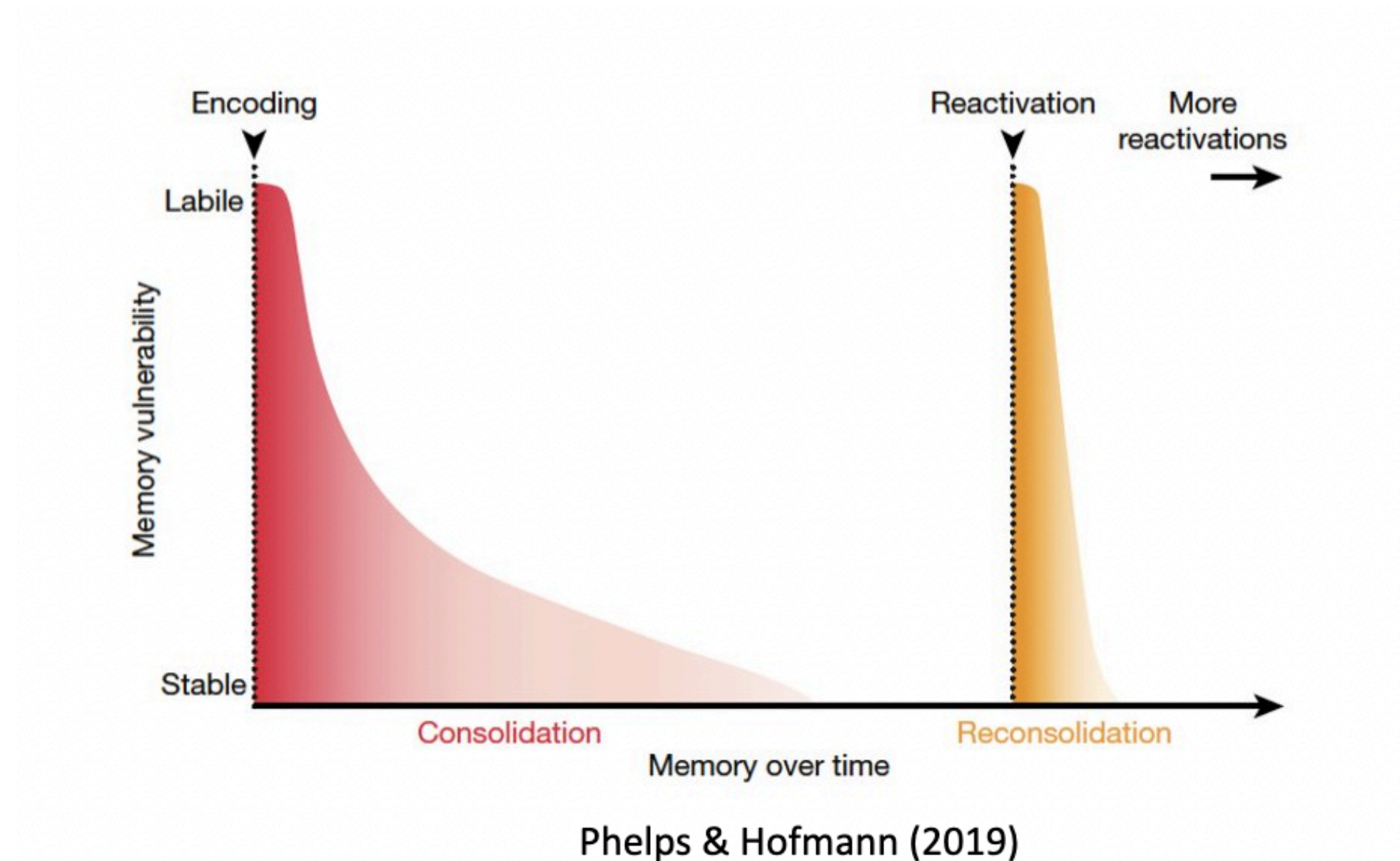
Why Are Intrusions Central?



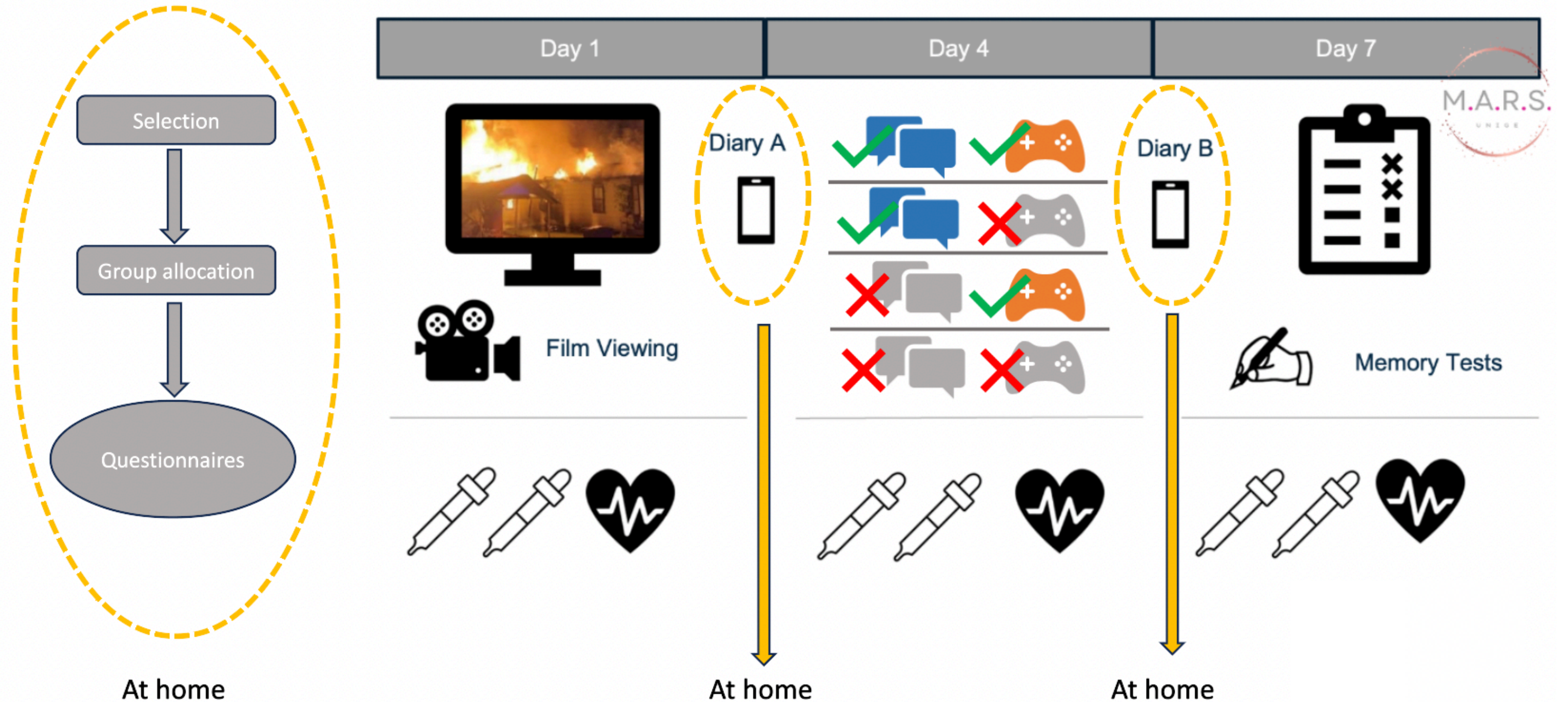
Background

The Two Windows of Opportunity to Alter Memory

Consolidation
Reconsolidation



Experimental Paradigm/Protocol



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Thank You