

Fernandes Lab

The Mind, The Brain, The Science

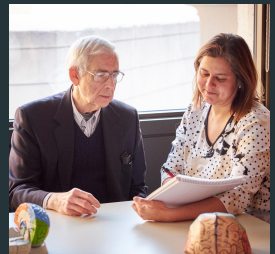


Our Research

Our lab investigates the cognitive and neural factors that influence our ability to encode and remember the past.

We study healthy younger and older adults, as well as those who have experienced a concussion, and those with memory-related difficulties.

We aim to discover how people represent information, as well as determine the strategies people can use to improve memory.



We use functional magnetic resonance imaging (fMRI) to determine distinct brain areas, and networks of regions, specialized for representing and accessing different kinds of information during a memory test.

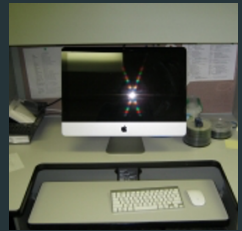
We aim to highlight conditions and situations in which memory performance can be disrupted, providing insight into the limitations at both the cognitive and the neural level, of human cognitive processing.



Our Lab

Cognitive Laboratory

Our lab is equipped with 5 state of the art testing rooms to run cognitive experiments, as well as Mac and PC workstations.



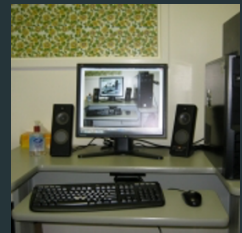
Grand River Hospital Magnetic Resonance Imaging Suite

We have access to Grand River Hospital's Magnetic Resonance Imaging Suite, for collection of MRI images.



Waterloo Research in Aging Pool

Co-established by Dr. Myra Fernandes, and managed by our very own Brady Roberts, the Waterloo Research in Aging Pool consists of participants aged 60+ interested in participating in research.



Links

[Our Publications](#)

[How to Apply for Graduate Studies](#)

[PhD Application Requirements](#)

[UW PhD in Psychology at a Glance](#)

[UW Cognitive Neuroscience](#)

[Waterloo Research in Aging Pool](#)



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