



Ontogeny of episodic memory

SEMINAR & VISITING SPEAKER SERIES

DATE Thursday, April 17th, 2025
TIME 12:00 PM to 1:00 PM
LOCATION APOTEX THEATRE 050

SPEAKER

Paul Frankland, PhD

Senior Scientist, Neurosciences & Mental Health, Hospital for Sick Children Professor, Depts. Psychology and Physiology, University of Toronto.

BIO

Paul Frankland is a Senior Scientist in the program in Neurosciences & Mental Health at the Hospital for Sick Children, and a fellow of the Royal Society of Canada and the Canadian Academy of Health Sciences. He holds a Canada Research Chair in Cognitive Neurobiology, and is appointed as a Full Professor in the Department of Psychology, Department of Physiology and Institute of Medical Science at the University of Toronto. He is also a member of the Canadian Institute for Advanced Research (CIFAR) in the program for Child and Brain Development. His research program combines behavior, imaging and molecular approaches to study the neurobiology of memory. Using contemporary tools, Frankland has tackled classical questions in the memory field: Why do we lose our earliest childhood memories? Are memories broadly distributed or localized in the brain? How does the brain forget? Is it possible to implant memories?

ABSTRACT

Memories for events (i.e., episodic memories) formed in early development differ from those in adulthood in at least two regards. First, these memories tend to be less precise (i.e., infantile generalization). Second, they tend to be rapidly forgotten (i.e., infantile amnesia). My talk will focus on the neurobiological mechanisms that underlie the emergence of episodic memory precision in the developing brain. These studies have identified circuit and microcircuit maturational steps that are necessary for the formation of adult-like, precise memories for events.

For more information:

T: 204-235-3939

E: info@manitobaneuroscience.ca

Website: jflab.ca

Social Media: [@franklandlab.bsky.social](https://bsky.app/profile/franklandlab.bsky.social)

Join Zoom Meeting

<https://umanitoba.zoom.us/j/62031652117?pwd=NG5QnUwxUcXL4SxHZsulYRgGd1J6qk.1&from=addon>

Meeting ID: 620 3165 2117

Passcode: 744549