

Garvan Institute of Medical Research

Leaders in Science



Dr Timothy Bredy

Cognitive Neuroepigenetics, Queensland Brain Institute
The University of Queensland

“DNA modifications and adaptive behaviour”

Monday 10th November, 2014 | 12PM, L2 AUDITORIUM

Host: Professor John Mattick

The main aim of Dr. Bredy’s research is to understand how epigenetic mechanisms contribute to the formation and maintenance of long-term memories, particularly within the context of psychiatric disorders such as phobia, post-traumatic stress disorder (PTSD), and the addictions. More generally speaking, he is interested in elucidating how the genome is connected to the environment, and how this relationship shapes brain and behavior across the lifespan. Dr. Bredy completed his B.Sc. (Hon) in Experimental Psychology at Dalhousie University. In 2004, he earned a Ph.D. in Neurological Sciences from McGill University, and from 2005 to 2009 was awarded research fellowships from NSERC and CIHR to pursue postdoctoral training at UCLA. From 2009-2014, he was a senior research fellow at the Queensland Brain Institute in Brisbane, Australia where he was awarded an ARC Research Fellowship and the University of Queensland’s award for Research Excellence. More recently, Dr Bredy was a recipient of the A. E. Bennett Research Award from the Society for Biological Psychiatry.