



# Manitoba Neuroscience Network

2014/2015 Seminar & Visiting Speaker Series

Friday, November 28th, 2014 | 9:00 am



## Dr. Michael Jackson

Assistant Professor, Department of Pharmacology & Therapeutics, University of Manitoba

Principal Investigator, Neuroscience Research Program, Kleysen Institute for Advanced Medicine Health Sciences Centre & University of Manitoba

**Topic: Regulation of Ca<sup>2+</sup> influx pathways that contribute to Alzheimer's pathology**

Location: PX236/238 PsychHealth Bldg.

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### Brief Biosketch:

Michael Jackson joined the Department of Pharmacology & Therapeutics at the University of Manitoba in April 2013 as an Assistant Professor. His laboratory is located in the newly constructed Neurosciences research laboratories in the Kleysen Institute for Advanced Medicine (KIAM). Dr. Jackson obtained his PhD from McGill University in the Department of Pharmacology. Following postdoctoral training at the University of Toronto in the Department of Physiology, he moved to the Robarts Research Institute at Western University in 2008 as a Research Scientist and Adjunct Professor in the Department of Physiology and Pharmacology.

A major focus of his research is to understand how specific families of Ca<sup>2+</sup>-permeable channels, previously implicated in neurological disease, contribute to the loss of Ca<sup>2+</sup> homeostasis, impaired synaptic transmission and plasticity as well as neuronal cell death associated with AD and other neurodegenerative disorders. These studies make use of multidisciplinary approaches including, electrophysiological, biochemical and cellular imaging techniques.

For more information, contact the MNN Office at  
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Partners:



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