

# ADDICTIONS ROUNDS camh

## "Brain Circuits and Human Behaviour: What can go wrong and what can we do about it?"

Friday, February 23<sup>rd</sup>, 2018  
9:00 – 10:00am

Room 3158 – 3<sup>rd</sup> Floor  
Bell Gateway Building

Presenter:

**Dr. Nir Lipsman, MD, PhD**

- Scientist, Physical Sciences, Hurvitz Brain Sciences Research Program, Sunnybrook Research Institute
- Neurosurgeon, Sunnybrook Health Sciences Centre
- Assistant professor, department of surgery, U of T

### LEARNING OBJECTIVES:

1. To learn about common brain circuit conditions, and how these can be linked to dysfunction in key brain areas
2. To learn about emerging forms of neuromodulation in psychiatry
3. To learn about the challenges of direct-to-brain forms of neuromodulation



### BIOGRAPHY:

Dr. Lipsman's research focuses on the development of novel neuromodulation strategies, which target sites within the central nervous system using electrical stimulation or drugs, for neurologic and psychiatric conditions that are difficult to treat. Over the last 10 years, Dr. Lipsman has helped develop several Phase 1 to Phase 3 clinical trials of deep brain stimulation (DBS) and MR-guided focused ultrasound (FUS) in novel indications, including the world's first trial of DBS in chronic anorexia nervosa, and among the first published experiences of FUS for essential tremor.

Dr. Lipsman also has a strong interest in the broader clinical and ethical implications of neuromodulation, and has been closely involved in the development of international guidelines for the use of surgery in psychiatric disease. He is an active member of the Focused Ultrasound Foundation, where he sits on the foundation's scientific program committee, and is engaged in the development of FUS protocols and programs worldwide and across the neuroscience spectrum, from preclinical to clinical studies.

For additional details please contact Danica Furtado-Fernandes – [Danica.furtado-fernandes@camh.ca](mailto:Danica.furtado-fernandes@camh.ca)

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