



# CSBN Spring 2013 Colloquium and Workshop

May 2-3, 2013



Center for Studies in  
Behavioral Neurobiology



Thu May 2, 2013  
Room RF 110  
4:10 pm

## Colloquium

**Dr. Barbara Jones**  
McGill University

Neural/chemical mediators of the sleep-waking cycle.  
*Host: Thanh Dang-Vu*

Fri May 3, 2013  
Room RF 110

## Spring Workshop 2013

9:15 am

**Dr. Charles Morin**  
Laval University

## Sleep mechanisms and disorders: from cells to behavior.

Recent advances in the epidemiology  
and treatment of insomnia.

10:00 am

**Coffee break**

10:15 am

**Dr. Thanh Dang-Vu**  
Concordia University

Functional neuroimaging of sleep and its disorders.

11:00 am

### Data Blitz

- Dr. Geneviève Albouy  
(Julien Doyon lab, U. de M.)
- Dr. Stuart Fogel  
(Julien Doyon lab, U. de M.)
- Catherine Duclos  
(Nadia Gosselin lab, U. de M.)
- Dr. Esther del Cid-Pellitero  
(Barbara Jones lab, McGill U.)
- Dr. Youssef Cisse  
(Barbara Jones lab, McGill U.)
- Sonia Jégo  
(Antoine Adamantidis lab, McGill U.)

Striatum for stabilization, hippocampus for enhancement:  
independence and interaction among these systems during  
sleep-dependent motor sequence memory consolidation.

fMRI and sleep correlates of the age-related impairment  
in motor memory consolidation.

Circadian rhythm disturbances in the acute phase of  
moderate to severe traumatic brain injury.

Homeostatic changes in regulatory peptides and receptors  
in cortical neurons following sleep deprivation and recovery  
in mice.

Role of cholinergic and GABAergic pontomesencephalic  
neurons in theta generation studied by optogenetic  
manipulation in urethane-anesthetized mice.

Optogenetic dissection of the MCH system:  
implications for sleep-state modulation.

12:00 pm

**Lunch** (Room RF 130)

1:15 pm

**Dr. John Peever**  
University of Toronto

REM sleep - Its mechanisms and disorders.

2:00 pm

**Dr. Antoine Adamantidis**  
McGill University

Optogenetic probing of sleep-wake circuit  
in the hypothalamus.

2:45 pm

**Panel Discussion**

**For more information:**

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