



# CSBN Spring 2011 Colloquium and Workshop

April 7-8, 2011



Center for Studies in  
Behavioral Neurobiology

Thu Apr 07, 2011  
Room SP 157  
4:10 pm

## Colloquium

**Dr. David Redish**  
Associate Professor, Dept. of  
Neuroscience,  
University of Minnesota

**The neurophysiology of decision making  
in the rat.**  
*Host: Peter Shizgal*

Fri Apr 08, 2011  
Room SP 157

## Spring Workshop 2011

**Electrophysiological analysis of  
brain systems that drive behavior**

9:00 am

**Dr. Richard Coutemanche (CSBN)**  
Associate Professor, Dept. of  
Exercise Science, Concordia U.

**Neurophysiology of behavior:  
From recording single units to tackling  
networks.**

9:50 am

**Coffee break**

10:10 am

**Dr. Sylvain Williams**  
Researcher, Douglas Institute  
Assistant Professor, Dept. of  
Psychiatry, McGill U.

**New tools to uncover the neuronal  
mechanisms generating gamma and  
theta oscillations in the hippocampus.**

11:00 am

### Student Data Blitz

- Shawwna Barrett  
(Chapman lab)
- Jesse Jackson  
(Williams lab, McGill)
- Jonathan Bourget-Murray  
(Courtemanche lab)
- Ignasi Cos  
(Cisek lab, U. de Montréal)
- Jennifer Robinson  
(Courtemanche lab)
- Stephen Glasgow  
(Chapman lab)

Modulating mechanisms of memory with  
dopamine in the entorhinal cortex.

Fast and slow gamma rhythms in the  
subiculum.

Electrophysiological interactions between rodent  
cerebellar slow oscillations and free whisking.

The influence of biomechanics in  
decision-making.

Filling in the gaps: The role of gap junctions on  
cerebellar oscillations.

Cholinergic depolarization of layer II neurons in  
the parasubiculum.

12:00 pm

**Lunch (SP 244)**

1:00 pm

**Dr. Eric Dumont**  
Assistant Professor, Anesthesiology  
and Center for Neuroscience Studies  
(Physiology and Biology)  
Queen's University

**Doing it yourself matters:  
Neurophysiological basis of drug  
self-administration in rodents.**

1:50 pm

**Dr. Paul Cisek**  
Assistant Professor, Dept. of  
Physiology, Université de Montréal

**Committing to a choice: Neural  
correlates of action selection in the  
premotor cortex.**

2:50 pm

**Panel Discussion**

*(Moderator: Richard Courtemanche, CSBN)*

**For more information:**

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