



# Understanding Pain Seminar Series

2013-2014

1:00pm, Building 49/1A51

**November 19**

**Yves De Koninck, Ph.D., Quebec Mental Health Institute**  
Chloride Transport Enhancers as Novel Therapeutics for Chronic Pain and Other Neurological Disorders

**December 10**

**Frank Porreca, Ph.D., University of Arizona**  
Capturing and Mechanistic Assessment of Affective Dimensions of Pain Preclinically

**January 21**

**Pierre Rainville, Ph.D., University of Montreal**  
Pain in the Brain: From the Physiology of Nociception to the Experiential Phenomenology of Zen

**February 18**

**Catherine Cahill, Ph.D., University of California Irvine**  
Neuropathic Pain Modulates Dopaminergic Circuitry: Role for Microglial Activation

**March 18**

**Randy Gollub, M.D., Ph.D., Massachusetts General Hospital**  
How Brain Structure and Function Adapts to Living with Chronic Pain

**April 15**

**Jennifer Haythornthwaite, Ph.D., Johns Hopkins**  
Persistent Pain: Are We Doing Everything We Can?

**May 20**

**Michael Gold, Ph.D., Univ. of Pittsburgh School of Medicine**  
Nociceptive Afferents: Still the Best Target for the Treatment of Persistent Pain

**June 17**

**Robert W. Gereau IV, Ph.D., Washington University**  
Translational Pain Research: Targeting Metabotropic Glutamate Receptors from Mouse to Human