### SPRING 2016 SEMINAR SERIES

**Integrative Neuroscience Research Center: Current Seminar Series**

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<th>Date</th>
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| Tuesday, February 2| **Natalie Tronson, Ph.D.**  
Department of Psychology  
University of Michigan  | "Neuroimmune Modulation of Memory: Short and Long Term Mechanisms"  |
| Tuesday, February 23 | **John B. Hogenesch, Ph.D.**  
Department of Pharmacology  
University of Pennsylvania Perelman School of Medicine  | "The Circadian Clock: Implications for Biology and Medicine"  |
| Tuesday, March 1   | **Colleen McClung, Ph.D.**  
Department of Psychiatry  
University of Pittsburgh Medical Center  | "Circadian Genes, Rhythms, and the Biology of Psychiatric Disorders"  |
| Tuesday, March 15  | **William Engeland, Ph.D.**  
Department of Neuroscience  
University of Minnesota  | "Entrainment of the Adrenal Clock and Glucocorticoid Rhythms"  |
| Tuesday, March 29  | **Luis de Lecea, Ph.D.**  
Department of Psychiatry and Behavioral Sciences  
Stanford University School of Medicine  | "Optogenetic Control of Arousal"  |
| Tuesday, April 12  | **Peter Kalivas, Ph.D.**  
Department of Neuroscience  
Medical University of South Carolina  | "Using the Neurobiology of Intrusive Thinking to Treat Addictions"  |
| Tuesday, April 19  | **Phil Johnson, Ph.D.**  
Department of Anatomy and Cell Biology  
Indiana University School of Medicine  | “Hypothalamic Orexin Arousal System: Latest Target for Treating Insomnia, and Potential Target for Treating Anxiety Disorders”  |
| Tuesday, April 26  | **Paul Phillips, Ph.D.**  
Department of Psychiatry and Behavioral Sciences & Department of Pharmacology  
University of Washington  | “Pathological Changes in the Encoding of Drug Cues by Phasic Dopamine During Chronic Drug Use”  |
| Tuesday, May 10    | **Antje Kroner-Milsch, M.D. Ph.D.**  
Department of Neurosurgery  
Medical College of Wisconsin  | “Spinal Cord Injury: Macrophage Activation and Secondary Damage”  |

All seminars are held at 3:30 pm in Schroeder Complex, Room 256

For more information, visit:  
[www.marquette.edu/neuroscience-center](http://www.marquette.edu/neuroscience-center)