

Brain and Spinal Cord Injury

Fall 2018 Seminar Series



- Sept 5 **"Mathematical Modeling of Traumatic Brain Injury"**
Charles Babb, M.D., Ph.D., Research Professor, Biomedical Engineering
- Sept 19 **"Post-SCI Aldehyde-Mediated Neuropathic Pain in Rat, Mechanisms and Therapeutic Targets"**
Riyi Shi, M.D., Ph.D., Professor, Basic Medical Sciences and Biomedical Engineering
- Oct 3 **"Treatment of Naturally Occurring Canine Spinal Cord Injury"**
Melissa Lewis, VMD., Ph.D., Assistant Professor, Veterinary Clinical Sciences
- Oct 17 **"Effects of Head Impacts on Behavioral and Electrophysiological Measures of Auditory Processing"**
Raymundo Munguia, M.D. Ph.D., Clinical Assistant Professor, Otolaryngology, Head & Neck Surgery, Speech, Language, & Hearing Sciences
- Oct 31 **"Differentiating the Pharmacology and Function of the Neuroendocrine Ca²⁺ channels Cav1.2 and Cav1.3"**
Gregory Hockerman, Ph.D., Professor, Medicinal Chemistry and Molecular Pharmacology
- Nov 14 **"Breaking the Tradition in Drug Design: Chemical Tools for Modulating Cells in Cancer, Neurological Diseases and Trauma."**
Gaurav Chopra, Ph.D., Assistant Professor, Chemistry
- Nov 28 **"Animal Models to Study Alcohol Use and Traumatic Brain Injury"**
Julia A. Chester, Ph.D., Associate Professor, Psychological Sciences
- Dec 12 **"Epigenetic Changes in Neuronal Disorders and Trauma"**
Chongli Yuan, Ph.D., Associate Professor, Chemical Engineering

Drug Discovery Building (DRUG) - Lobby Conference Room
4:00 to 5:00 PM