

Brain and Spinal Cord Injury

Spring 2020 Seminar Series

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- 1/29 **Patient-specific analysis of cerebral hemodynamics: imaging and modeling brain vasculature abnormalities**
Vitaliy Rayz, PhD. Assistant professor, Biomedical Engineering
- 2/12 **Computational Modeling of Soft Tissue Mechanics: Perspectives for Elucidating the Mechanism of Neuronal Injury**
Adrian Buganza Tepole, PhD. Assistant Professor, Biomedical Engineering, Mechanical Engineering
- 2/26 **Magnetic Resonance Spectroscopy: Tools for Neuroscience research and engineering clinical applications**
Uzay Emir, PhD. Assistant Professor, Health Science
- 3/11 ***Synaptic Mechanisms of Neurotransmission Dysfunction after Traumatic Brain Injury**
Edward Dixon, PhD, Neurotrauma Professor of Neurological Surgery, University of Pittsburgh
***3:30 – 4:30 pm (notice the special seminar time)**
- 3/25 **Trauma Network Design: Approaches for Provision of Prompt and Definitive Care**
Nan Kong, PhD, Associate Professor, Biomedical Engineering
- 4/8 **AMPylation - a novel post-translational modification in neurodegeneration**
Seema Mattoo, PhD, Assistant Professor, Biological Sciences
- 4/22 **Go rogue after protein takes a beating?**
Tonglei Li, PhD, Allen Chao Professor of industrial and physical pharmacy, Industrial and Physical Pharmacy

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