

# Department of Chemical and Biomedical Engineering Cleveland State University Fall 2017 Seminar Series



**October 19<sup>th</sup>: Regenerative Medicine Approaches for the Central Nervous System**

*Nic Leipzig, PhD  
Chemical and Biomolecular Engineering  
University of Akron*



**October 26<sup>th</sup>: Computational discovery of nanoporous materials for energy applications**

*Li-Chiang Lin, PhD  
Chemical and Biomolecular Engineering  
Ohio State University*



**November 2<sup>nd</sup>: Re-thinking Paralysis: Brain Computer Interfaces and Functional Electrical Stimulation for Movement Restoration in Persons with Chronic Tetraplegia**

*A. Bolu Ajiboye, PhD  
Biomedical Engineering Department  
Case Western Reserve University*



**November 9<sup>th</sup>: Synthesis of supported bimetallic nanoparticles with controlled size and composition distributions for active site elucidation**

*Ana Alba Rubio, PhD  
Chemical and Environmental Engineering Department  
University of Toledo*



**November 16<sup>th</sup>: Tuning ion solvation, conduction and charge density of ionic liquids for electrochemical energy storage devices**

*Burcu Gurkan, PhD  
Chemical and Biomolecular Engineering Department  
Case Western Reserve University*



**November 30<sup>th</sup>: Polyelectrolyte-based soft materials for wet adhesion, controlled release and beyond**

*Yakov Lapitsky, PhD  
Chemical and Environmental Engineering Department  
University of Toledo*

**All seminars 3:20 – 4:20PM in Fenn Hall 103.**