

## CHE 875 Graduate Seminar in Chemical Engineering

Spring 2017

Tuesdays 10:30-11:30 am, DU 1029

### January

24 LaVerne Bitsie-Baldwin, Overview of undergraduate student diversity in ChE

### February

7 Dr. Jianli Hu, West Virginia University, "*Natural Gas Upgrading towards Value-Added Chemicals*"

28 Dr. Zayd Leseman, Department of Mechanical & Nuclear Engineering, Kansas State University, "*Coherent Phonon Scattering at Room Temperature Using Phononic Crystals for Next Generation Thermoelectrics*"

### March

7 Dr. Paul Smith, Department of Chemistry, Kansas State University, "*Residue Based Contributions to the Thermodynamic Properties of Proteins*"

14 Dr. Perla Balbuena, Texas A&M University, "*Evolution of Catalyst Structure and Composition during Synthesis of Single-Walled Carbon Nanotubes*"

21 No Seminar- Spring Break

### April

4 **\*Special Seminar, Sigma Xi Lecture\*** Dr. Nicholas Hud, Georgia Tech University, "*The Scientific Quest to Understand the Origin of Life*", Different time and location-  
**Engineering Hall 1109 at 4:00-5:00pm, Reception to follow**

11 Dr. Yushan Yan, University of Delaware, "*Platinum-Free Fuel Cells for Affordable Zero-Emission Cars*"

18 Dr. Yuriy Román-Leshkov, MIT, TBA

25 Dr. Jie Zheng, University of Akron, "*Molecular Basis of Amyloid Structures, Toxicity, and Inhibition*"

### May

2 Dr. Larry Millet, Oak Ridge National Laboratory, "*Accelerating translational science and medicine with microfluidics and nanotechnology*"