

## CHE 875 Graduate Seminar in Chemical Engineering

Spring 2018

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

### January

- 16 Dr. Jeffrey Comer, Kansas State University Department of Veterinary Medicine, *"Adsorption Thermodynamics and Conformational Equilibria of Adsorbed Proteins on Graphenic Nanomaterials"*
- 30 Dr. Giorgia Franchin, Post-Doc, Department of Industrial Engineering, University of Padova, Italy, *"Additive Manufacturing with inorganic polymers: an alternative to the powder-binder approach"*

### February

- 6 Dr. Kevin Cook, Specialist Chemist, Ceradyne Inc., 3M Company, *"Boron: Isotope Enrichment and Commercial Markets"*
- 20 Dr. Joan M. Redwing, Professor, Penn State University, *"Epitaxy of 2D Materials: Challenges and New Approaches"*
- 27 Dr. Nicholas Abbott, Professor, Department of Chemical & Biological Engineering, University of Wisconsin- Madison, *"Design of Soft Materials using Liquid Crystallinity"*

### March

- 6 Dr. Alan Allgeier, Associate Professor, Chemical & Petroleum Engineering, University of Kansas, *"Catalyst Deactivation: Mechanisms and Mitigations"*
- 13 Dr. Polly Piergiovanni, Professor, Chemical & Biomolecular Engineering, Lafayette College, *"Engineering Education Research"*
- 27 \*Fan Lecture\* Dr. Pulickel Ajayan, Department Chair, Materials Science & Nanoengineering, Rice University, *"Nano-Engineered Materials"*

### April

- 10 Dr. Seok-Jhin Kim, Assistant Professor, Department of Chemical Engineering, Oklahoma State University, *"Inorganic membranes for Energy and Environmental Systems"*