

Oklahoma State University
School of Chemical Engineering
Spring 2017 Graduate Seminar Series
2:00-3:15 PM – 127 Cordell South

Preliminaries	JANUARY 17
<p>Christopher Fennell, Ph.D. Professor of Chemistry, Oklahoma State University “Thoughts on Plots”</p> <p>Mario Borunda, Ph.D. Professor of Physics, Oklahoma State University “Success in Graduate School”</p>	JANUARY 24
<p>Andre Palmer, Ph.D. Appointed Chair, William G. Lowrie Department of Chemical & Biomolecular Engineering The Ohio State University “Engineering Polymerized Hemoglobins for Use in Transfusion Medicine and Tissue Engineering”</p>	JANUARY 31
<p>Steve Divekar, Ph.D. CANCELLED “Cascade Mode Step-Less Closed-Loop System Identification in Time Domain with novel PID and APC Parameter Optimization Techniques”</p>	FEBRUARY 7
<p>Toby Nelson, Ph.D. Professor, Department of Chemistry and Biochemistry Oklahoma State University</p>	FEBRUARY 14
<p>Milind Deo, Ph.D. Peter D. and Catherine R. Meldrum Professor and Chair Department of Chemical Engineering University of Utah “Technical Aspects of Producing Near-Critical Fluids from Shales”</p>	FEBRUARY 21
No Seminar	FEBRUARY 28
<p>Homayun K. Navaz, Ph.D. Professor of Mechanical Engineering Kettering University Flint, Michigan “Modeling of Coupled Physio-Chemical Processes of Chemical Agents and Their Atmospheric Transport in Dense Urban Areas “</p>	MARCH 07

Spring Break	MARCH 14
Walter Chapmann, Ph.D. Associate Dean of Engineering for Energy Research, William W. Akers Chair, Professor Chemical and Biomolecular Engineering Department Rice University “Insight into Phase Behavior, Microstructure, and Interfacial Behavior of Complex Fluids from Theory and Simulation”	MARCH 21
Sapna Sarupriya, Ph.D. Assistant Professor in Chemical and Biomolecular Engineering Clemson University “Freezing water and aqueous solutions: Elucidating the molecular ballet using computer simulations”	MARCH 28
Nicholas Flynn, ChE Ph.D. Candidate Chemical Engineering	APRIL 04
Mark B. Shiflett, Ph.D., P.E. Foundation Distinguished Professor, Chemical and Petroleum Engineering Chemical and Petroleum Engineering Center for Environmentally Beneficial Catalysis Life Sciences Research Lab. University of Kansas “Ionic Liquids – Phase Behavior to Applications”	APRIL 11
Tehereh “Mina” Derakhshan, ChE Ph.D. Candidate PhD Candidate, School of Chemical Engineering Oklahoma State University “An Advanced Allergy Tissue Model for the Detection and Study of an Allergic Inflammatory Response”	APRIL 18
Thomas Knotts, Ph.D. Associate Professor Department of Chemical Engineering Brigham Young University “The DNA Slide and the Protein Swing: Learning the Steps of Biomolecular Dances”	APRIL 25
Carrie German, ChE Ph.D. Candidate Ph.D. Candidate, School of Chemical Engineering Oklahoma State University “Connecting and Validating Clinical Data with Simulation and 3D Liver Models”	May 2
FINALS WEEK-NO SEMINAR	May 9