

Lecture: Buehler 555 3:45pm  
Refreshments: Buehler 513 3:25pm

Seminar Chair: *Dr. David Jenkins*

Chem 501  
Seminar  
Series

**September 6** Dr. Nathan Gianneschi

**Northwestern**

*Dynamic, Responsive Nanomaterials:  
Utility as In Vivo Delivery Vehicles and  
Characterization by Liquid Phase Electron  
Microscopy*

**Host** Dr. David Jenkins

Dr. Lei Zhu **September 13**

**Case Western Reserve**

*“High Energy Density and Low Loss  
Dielectric Polymers for Electrical  
Applications”*

Dr. Bin Zhao **Host**

**September 20** Dr. Marc Porter

**Utah**

*“Towards Ultrasensitive, High-Speed  
Diagnostic Tests: Nanoscience Meets  
Health Care”*

**Host** Dr. Bhavya Sharma

Dr. David Sherrill **September 27**

**Georgia Tech**

*“Quantifying and Visualizing  
Intermolecular Forces: From Model  
Systems to Drug Design”*

Dr. Kostas Vogiatzis **Host**

**October 11** Dr. Stephen Kuebler

**Central Florida**

*“Functional Optical Devices Created by  
Laser-Based Nanoscale 3D Printing”*

**Host** Dr. John Brantley

Dr. George Christou **October 18**

**Florida**

*“The Power of Molecular Chemistry in  
Nanoscale Materials Research”*

Drs. Janice Musfeldt & Ben Xue **Hosts**

**November 1** Dr. Dana Spence

**Michigan State**

*“Advancing Diagnostics and Therapeutics  
through Enabling Technologies and  
Forgotten Biology”*

**Host** Laura Casto

Dr. Y.A. Elabd **November 8**

**Texas A & M**

*“Electric Cars for Everyone?”*

Dr. Alexei Sokolov **Host**

Dr. Jonathan Sessler **November 15**

**Texas**

*“Texaphyrins as Drug Candidates: Life,  
Death, and Attempts at Resurrection”*

Dr. Craig Barnes **Host**

**FALL 2018**