

**MS&T Department of Chemistry**  
**Graduate Seminar Schedule, Spring 2019**

All seminars are held on Monday at 16:15 in Room G3 Schrenk Hall (last update **October 25, 2018**)

<b>Date</b>	<b>Speaker &amp; Topic</b>	<b>Host or Adviser</b>
Jan. 21	No Seminar-Martin Luther King, Jr. Holiday	
Jan. 28	Keith Strassner, Assistant Vice Provost for Technology & Business Development, MS&T <i>Intellectual Property Basics; Patents, Copyrights, and Trade Secrets</i>	Dr. Rainer Glaser
Feb. 4	Frank Marshall, Grad. Stud., Dept. of Chem., MS&T <i>Structure Determination of Five-membered Silene Rings Using Microwave Spectroscopy</i>	Dr. Garry Grubbs
Feb. 11	Dr. Darrin Bellert, Dept. of Chemistry, Baylor University <i>Hydrogen Tunneling at Metallic Active Sites</i>	Dr. Garry Grubbs
Feb. 18	Anshika Kalra, Grad. Stud., Dept. of Chem., MS&T <i>Synthesis of Tripodal Based Chiral Framework Guanidines</i>	Dr. Pericles Stavropoulos
Feb. 25	Dr. Manashi Nath, Associate Professor, Dept. of Chem., MS&T <i>Smart Materials for Energy Conversion: The Story of Transition Metal Chalcogenides</i>	
Mar. 4	Dr. Susan Kauzlarich, Dept. of Chemistry, Univ. of California-Davis <i>Zintl Phases for Thermoelectric Applications</i>	Dr. Manashi Nath and Dr. Gary Long
Mar. 11	Sangeeta Sur, Grad. Stud., Dept. of Chem., MS&T <i>Inelastic Collisions of Ozone and Argon</i>	Dr. Richard Dawes
Mar. 18	Emma Schmittzehe, Grad. Stud., Dept. of Chem., MS&T <i>Advanced Pulse Techniques for Analysis and Compensation of Inhomogeneous Magnetic Fields in NMR Spectroscopy</i>	Dr. Klaus Woelk
Mar. 25	No Seminar—Spring Break	
Apr. 1	No Seminar—ACS National Meeting; Orlando, FL	
Apr. 8	Dr. Rebecca Y. Lai, Dept. of Chemistry, Univ. of Nebraska-Lincoln <i>Folding- and Dynamics-based Electrochemical Biosensors</i>	Dr. Risheng Wang
Apr. 15	Parwani Rewatkar, Grad. Stud., Dept. of Chem., MS&T <i>Synthesis of Ceramic and Metal Aerogels from Xerogels and Applications in High Temperature Thermal Insulation and Thermites</i>	Dr. Chariklia Sotiriou-Leventis
Apr. 22	Dr. Jingrang Lu, National Exposure Research Lab., EPA, Cincinnati <i>Nitrogen-phosphorus-associated Metabolic Activities During the Development of a Cyanobacterial Bloom Revealed by Metatranscriptomics</i>	Dr. Honglan Shi
Apr. 29	Dr. Risheng Wang, Assistant Professor, Dept. of Chem., MS&T <i>DNA Engineering: Application from drug delivery to plasmonic metamolecules</i>	
May 6	Chandana Mandal, Grad. Stud., Dept. of Chem., MS&T <i>Mechanically Strong and Transparent Silica Aerogel for Applications in Thermally Insulated Windows</i>	Dr. Nicholas Leventis