

**MS&T Department of Chemistry**  
**Graduate Seminar Schedule, Fall Semester 2021**

Seminars are held on Monday at 16:00 in G3 Schrenk Hall (last update **Aug 03, 2021**)

<b>Date</b>	<b>Speaker &amp; Topic</b>	<b>Host or Adviser</b>
Aug. 23	<b>Office Staff</b> , Environmental Health and Safety, Missouri S&T <i>General Safety and Hazardous Chemical Management</i>	EHS
Aug. 30	<b>Office Staff</b> , Environmental Health and Safety, Missouri S&T <i>General Safety and Hazardous Chemical Management</i>	EHS
Sept. 6	Labor Day – No Seminar	
Sept. 13	<b>Dr. Kwame Awuah-Offei</b> , Interim director mining engineering, Professor, Mining and Nuclear Engineering, Missouri S&T <i>Explosives education and research opportunities at Missouri S&amp;T</i>	Dr. Glaser
Sept. 20 Zoom	<b>Dr. Shanta Dhar</b> , Biochemistry and Molecular Biology, Sylvester Comprehensive Cancer Center, University of Miami Miller School of Medicine <i>Accessing Mitochondrial Targets for Therapeutic Gain in Major Diseases</i>	Dr. Choudhury
Sept. 27 Zoom	<b>Dr. Nancy Ruzycki</b> , Materials Science and Engineering, University of Florida <i>Chemical Education and Outreach beyond Broader Impacts</i>	Dr. Nath
Oct. 4 Zoom	<b>Dr. Henry S. La Pierre</b> , Department of Chemistry, Georgia Institute of Technology <i>Electron (De)Localization in f-Element Systems: From Fundamental Questions to QIS Design Principles</i>	Dr. Choudhury
Oct. 11	<b>Dr. Raghuraman Kannan</b> , Departments of Radiology and Bioengineering, University of Missouri-Columbia <i>Designer Nanoparticles to Overcome Therapeutic Resistance in Cancer</i>	Dr. Choudhury
Oct. 18 Zoom	<b>Dr. Anh-Thu Le</b> , Department of Physics, University of Connecticut <i>Strong-field spectroscopies with ultrafast laser pulses</i>	Dr. Choudhury
Oct. 25	<b>Amanda J. Duerden</b> , Graduate Student, Chemistry, Missouri S&T <i>O<sub>2</sub> Complexes</i>	Dr. Grubbs
Nov. 1	<b>Short Seminars: Chemistry Graduate Students, Missouri S&amp;T</b> <b>Olajide Adetunji</b> : <i>Evaluation of N-Acetylcysteine Amide as a Therapeutic for Traumatic Brain Injury Using LC-MS/MS</i> <b>Raheemat Rafiu</b> : <i>Novel photoredox-based fluorination of medicinal organic compounds using non-copper catalysts</i>	Dr. Choudhury
Nov. 8	<b>Lindsey K. Rasmussen</b> , Graduate Student, Chemistry, Missouri S&T <i>Monitoring pteridine levels in a progressive breast cancer cell model using HPLC-MS/MS</i>	Dr. Shi
Nov. 15	<b>A B M Shaheen ud Doulah</b> , Graduate Student, Chemistry, Missouri S&T <i>Morphology-dependent mechanical properties of shape memory poly(isocyanurate-urethane) (PIR-PUR) aerogels</i>	Dr. Sotiriou-Leventis
Nov. 22	Thanksgiving Holidays – No Seminar	
Nov. 29 Zoom	<b>Dr. Jennifer Aitken</b> , Chemistry and Biochemistry, Duquesne University, Pittsburgh, PA <i>Multinary Sulfides with Potential Applications in Infrared Nonlinear Optical Devices</i>	Dr. Choudhury
Dec. 6	<b>Austin Sigler</b> , Graduate Student, Chemistry, Missouri S&T <i>Quantitation of Urinary and Serum Metabolites for Clinical Assessment of Traumatic Brain Injury</i>	Dr. Shi