**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 July 15, 2021)

<table>
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<tr>
<th>Date</th>
<th>Speaker &amp; Topic</th>
<th>Host or Adviser</th>
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| Aug. 23    | **Office Staff**, Environmental Health and Safety, Missouri S&T  
*General Safety and Hazardous Chemical Management*               | EHS             |
| Aug. 30    | **Office Staff**, Environmental Health and Safety, Missouri S&T  
*General Safety and Hazardous Chemical Management*               | EHS             |
| Sept. 6    | Labor Day – No Seminar                                                           |                 |
| Sept. 13   | **Dr. Kwame Awuah-Offei**, Interim director mining engineering, Professor, Mining and Nuclear Engineering, Missouri S&T  
*Explosives education and research opportunities at Missouri S&T* | Dr. Glaser      |
| Sept. 20   | **Dr. Shanta Dhar**, Biochemistry and Molecular Biology, Sylvester Comprehensive Cancer Center, University of Miami Miller School of Medicine  
*Accessing Mitochondrial Targets for Therapeutic Gain in Major Diseases* | Dr. Choudhury   |
| Sept. 27   | TBA                                                                              |                 |
| Oct. 4     | **Dr. Henry S. La Pierre**, Department of Chemistry, Georgia Institute of Technology  
*Electron (De)Localization in f-Element Systems: From Fundamental Questions to QIS Design Principles* | Dr. Choudhury   |
| Oct. 11    | TBA                                                                              |                 |
| Oct. 18    | **Dr. Anh-Thu Le**, Department of Physics, University of Connecticut  
*Strong-field spectroscopies with ultrafast laser pulses*        | Dr. Choudhury   |
| Oct. 25    | **Amanda J. Duerden**, Graduate Student, Chemistry, Missouri S&T  
*O₂ Complexes*                                                   | Dr. Grubbs      |
| Nov. 1     | **Short Seminars: Chemistry Graduate Students, Missouri S&T**  
*Olajide Adetunji*: *Evaluation of N-Acetylcysteine Amide as a Therapeutic for Traumatic Brain Injury Using LC-MS/MS*  
*Raheemat Rafiu*: *Photoredox novel fluorination of medicinal organic compounds using non-copper catalysts* | Dr. Choudhury   |
| Nov. 8     | **Lindsey K. Rasmussen**, Graduate Student, Chemistry, Missouri S&T  
*Monitoring pteridine levels in a progressive breast cancer cell model using HPLC-MS/MS* | Dr. Shi         |
| Nov. 15    | **A B M Shaheen ud Doulah**, Graduate Student, Chemistry, Missouri S&T  
*Morphology-dependent mechanical properties of shape memory poly(isocyanurate-urethane) (PIR-PUR) aerogels* | Dr. Sotiriou-Leventis |
| Nov. 22    | Thanksgiving Holidays – No Seminar                                              |                 |
| Nov. 29    | **Dr. Jennifer Aitken**, Chemistry and Biochemistry, Duquesne University, Pittsburgh, PA  
*Multinary Sulfides with Potential Applications in Infrared Nonlinear Optical Devices* | Dr. Choudhury   |
| Dec. 6     | **Austin Sigler**, Graduate Student, Chemistry, Missouri S&T  
*Quantitation of Urinary and Serum Metabolites for Clinical Assessment of Traumatic Brain Injury* | Dr. Shi         |