

**MS&T Department of Chemistry**  
**Graduate Seminar Schedule, Fall Semester 2018**

All seminars are held on Monday at 16:15 in Room G3 Schrenk Hall (last update 11/19/18)

| <b>Date</b> | <b>Speaker &amp; Topic</b>   | <b>Host or Adviser</b> |
|-------------|--|------------------------|
| Aug. 20     | Daniel W. Armstrong, Robert A. Welch Professor, University of Texas at Arlington<br><i>Ionic Liquids in Separations and Mass Spectrometry</i>  | Dr. Nuran Ercal        |
| Aug. 27     | Environmental Health and Safety, Office Staff, MS&T<br><i>General Safety and Hazardous Chemical Management</i>   | EHS                    |
| Sept. 3     | Labor Day – No Seminar   |                        |
| Sept. 10    | Environmental Health and Safety, Office Staff MS&T<br><i>Hazardous Waste Management, Fire Safety, and Spill Response</i>   | EHS                    |
| Sept. 17    | Ariel Donovan, Grad. Stud., Dept. of Chem., MS&T<br><i>Analysis of Inorganic and Organic Water Contaminants by Mass Spectrometry</i>   | Dr. Honglan Shi        |
| Sept. 24    | Bradley Welch, Grad. Stud., Dept. of Chem. MS&T<br><i>Highly Accurate Thermochemical Computations of Combustion and Atmospheric Species: Comparisons with Active Thermochemical Data</i>               | Dr. Richard Dawes      |
| Oct. 1      | Siddesh Umapathi, Grad. Stud., Dept. of Chem., MS&T<br><i>Transition Metal Chalcogenides as Bi-functional Catalysts for Oxygen Evolution and Oxygen Reduction Reactions</i>                            | Dr. Manashi Nath       |
| Oct. 8      | William “Bill” J. James, Emeritus Professor, Dept. of Chem. MS&T<br><i>Anecdotes from the Lifetime Experiences of a 96 Yr. Old Emeritus Professor of Chemistry</i>                                     | Dr. James Stoffer      |
| Oct. 15     | Yew San Hor, Associate Professor, Dept. of Physics, MS&T<br><i>Topological Superconductors</i>   | Dr. Gary J. Long       |
| Oct. 22     | Dan Woodward, Local Rolla Artist, Member American Association of Art Conservation<br><i>History and Restoration of the Rolla Mural</i>   | Dr. Gary J. Long       |
| Oct. 29     | Enrico Andreoli, Energy Safety Research Inst., College of Engineering, Swansea Univ., UK<br><i>Making Better Materials for Carbon Dioxide Capture and Utilization</i>                                  | Dr. Rainer Glaser      |
| Nov. 5      | Abdelfattah Mahmoud, Dept. of Chem, University of Liège, Belgium<br><i>Electrode Materials for Li/Na-ion Batteries: Improving Electrochemical Performance Through Carbon Addition During Synthesis</i> | Dr. Gary J. Long       |
| Nov. 12     | Aleksandr Chernatynskiy, Asst. Professor, Dept. of Physics, MS&T<br><i>Thermal Transport from First Principles: Theory and Applications</i>  |                        |
| Nov. 19     | Thanksgiving Holiday no seminar  |                        |
| Nov. 26     | <b>CANCELLED</b>   |                        |
| Dec. 3      | Umanga De Silva, Grad. Stud., Dept. of Chem., MS&T<br><i>Telluride Based Electrocatalysts for Water Oxidation</i>  | Dr. Manashi Nath       |