

MS&T Department of Chemistry
Graduate Seminar Schedule, Fall Semester 2020

Seminars are held on Monday at 16:00 in G3 Schrenk Hall (last update **Oct. 15, 2020**)

Date	Speaker & Topic	Host or Adviser
Aug. 24	Office Staff , Environmental Health and Safety, Missouri S&T <i>General Safety and Hazardous Chemical Management</i>	EHS
Aug. 31	Office Staff , Environmental Health and Safety, Missouri S&T <i>General Safety and Hazardous Chemical Management</i>	EHS
Sept. 7	Labor Day – No Seminar	
Sept. 14 (Zoom)	Shuo Yang , Graduate Student, Chemistry, Missouri S&T <i>Development of intelligent stimuli-responsive biomaterials and nanodevices</i>	Dr. Wang
Sept. 21	Apurv Saxena , Graduate student, Chemistry, Missouri S&T <i>Electrocatalytic processes for CO₂ reduction and biomass conversion</i>	Dr. Nath
Sept. 28	Mousumi Bose , Graduate student, Chemistry, Missouri S&T <i>Analytical Method Development for Biomedical and Environmental Applications</i>	Dr. Nam
Oct. 5	Dr. David J. Westenberg , Biological Sciences, Missouri S&T <i>Subterranean Rhizoremediation Blues: Putting Rhizosphere Microbes to Work</i>	Dr. Choudhury
Oct. 12	<u>Short Seminars: Chemistry Graduate Students, Missouri S&T</u> Austin Sigler , <i>Simultaneous Determination of Urinary Metabolites for the Non-invasive Assessment of Traumatic Brain Injury</i> Sargun Kaur , <i>Corn Seed Quality Chemical Marker Discovery</i>	Dr. Choudhury
Oct. 19	<u>Short Seminars: Chemistry Graduate Students, Missouri S&T</u> Harish Singh , <i>Design of nanocomposites and nanostructures for Energy storage and conversion in Supercapacitors and fuel cells application</i> Srikanth Balijapelly , <i>Complex Chalcogenides for Heat Recovery</i>	Dr. Choudhury
Oct. 26	Shuohan Huang , Graduate student, Chemistry, Missouri S&T <i>Synthesis, characterization, and chemistry of two-dimensional transition metal carbides and nitrides (MXenes)</i>	Dr. Mochalin
Nov. 2	Dr. Yang Wang , Civil, Arch & Environ Engr, Missouri S&T <i>Rapid Measurements of Aerosol Size Distribution and Hygroscopic Growth with a Fast Integrated Mobility Spectrometer (FIMS)</i>	Dr. Glaser
Nov. 9 (Zoom)	Dr. Renée S. Cole , Department of Chemistry, University of Iowa <i>Enhancing Learning by Assessing More than Content Knowledge</i>	Dr. Glaser
Nov. 16	Ashish Zore , Graduate student, Chemistry, Missouri S&T <i>Adsorption studies in Colloidal Unimolecular polymers</i>	Dr. Van De Mark
Nov. 23	Thanksgiving holiday – no seminar	
Nov. 30	Buddhabhushan P. Salunkhe , Graduate student, Chemistry, Missouri S&T <i>Development of high temperature resistant gels using low toxic polymers for conformance control</i>	Dr. Schuman
Dec. 7	Rushi Umeshkumar Soni , Graduate student, Chemistry, Missouri S&T <i>Synthesis of monolithic porous carbon aerogels without use of supercritical fluid drying from polymer-crosslinked xerogel powders</i>	Dr. Sotiriou-Leventis