



Department of Chemistry
2019 Spring CHEM 598 Seminar Schedule
Time: 1:00-2:00, Room: SH 4114



DATE	SPEAKER	TITLE
25-Jan	Alicia Pesterfield <i>Western Kentucky University</i>	TA training (all student TAs, faculty and staff supervising academic labs): SH4114
1-Feb	Alicia Pesterfield <i>Western Kentucky University</i>	RA training (all faculty, staff, RAs, graduate students, undergraduate students and visiting scholars) SH3110
8-Feb	Mr. Aaron McKee <i>Georgia Tech</i>	Primordial proto-proteins at a mineral interface: Interactions of silica and an expanded prebiotic peptide inventory
15-Feb	Dr. Tony Dutoi <i>University of the Pacific in California</i>	Excitonically Renormalized Coupled-cluster (XR-CC) Theory for Large-scale Electronic Structure Calculations
22-Feb	Heidi L Millay, Appala, Keerthi <i>Western Kentucky University</i>	1. Nucleotide Binding Affinity of Phenanthriplatin, a Monofunctional Platinum(II) Anticancer Complex. 2. Quantification of tylosin antibiotics and antibiotic resistance genes in cattle waste*
1-Mar	Austin S. Antle, Viral T Bhavsar <i>Western Kentucky University</i>	1. A cocatalyst-free CdS nanorod/ZnS nanoparticle composite for high-performance visible-light driven hydrogen production from water. 2. Advances in ionization for mass spectrometry
8-Mar	Spring Break Day	No seminar
15-Mar	Vanesa Veletanlic, Ryan M. Lamb, <i>Western Kentucky University</i>	1. Metal uptake and its role in cellular toxicity. 2. Using Surface-Enhanced Raman Spectroscopy as a Tool for Monitoring Reactions
22-Mar	WKU research conference, March 23	No seminar
29-Mar	ACS meeting (3/31-4/04), Orlando	No seminar
5-Apr	Dara Carver, Nitin Tanajirao Katare <i>Western Kentucky University</i>	1. Analysis of the Advantages and Disadvantages of Dual Credit Chemistry* 2. Nanomedicine for targeted drug delivery in cancer therapy
12-Apr	Lovence Ainembabazi, Berry Zachary <i>Western Kentucky University</i>	1. Incorporation of metal oxides into a polymer substrate for buoyant* photocatalysts, 2. methane production from brewers spent grain and the effects of recirculating the digestate*
19-Apr	Xiaojin Wang, Jonathan P. Markham <i>Western Kentucky University</i>	1. Numerical simulation on the LSPR-Effective Core-shell Copper/Graphene nanofluids,* 2. Photoredox Catalysis of Anti-Markovnikov Alkene Hydrofunctionalization Reactions
26-Apr	Dr. Hugh M. Fentress <i>Tennessee State University</i>	TBA
3-May	Dr. John M. Herbert <i>Ohio State University</i>	TBA

* Research seminar.