



**SPRING 2020 SEMINAR SERIES**

February 14 <sup>th</sup>	Ms. Ashley Stelmack, <b>ISU</b> , <i>Development and Optimization of Rapid and Robust Methods for Field Investigations Using Portable Mass Spectrometry</i>
February 21 <sup>st</sup>	Layne Morsch, <b>University of Illinois Springfield</b> , <i>TBD</i> (Host: Mills)
February 28 <sup>th</sup>	Mr. John Harms, <b>ISU</b> , <i>Lower-limit SERS Detection of Analytes on Modified Plasmonic Surfaces</i>
March 6 <sup>th</sup>	Ms. Fatima Ola Obe, <b>ISU</b> , <i>Research</i> Mr. Karl Hellberg, <b>ISU</b> , <i>Precious Metals restoring Precious Minds</i>
March 13 <sup>th</sup>	No Seminar – Spring Break
March 20 <sup>th</sup>	Mr. Olatunde Awotunde, <b>ISU</b> , <i>Investigating the Reversibility of Protein Adsorption on Gold Nanoparticles and the Role of Free Sulfhydryl</i> Mr. Gideon K. Yawson, <b>ISU</b> , <i>Synthesis, Characterization and Evaluation of Ruthenium(III) based Complexes for the Treatment of Alzheimer’s Disease”</i>
March 27 <sup>th</sup>	Paul Walton, <b>University of York</b> , <i>Gender equality in science: why is it taking so long?</i> (Host: Weitzel)
April 3 <sup>rd</sup>	Ms. Marian A. Addo, <b>ISU</b> , <i>Efforts towards the formal asymmetric synthesis of the Akaji Human T-cell leukemia virus (HTLV-1) protease inhibitor</i> Mr. Samuel Okyem, <b>ISU</b> , <i>Adsorption behavior of Chemically/charge modified Antibodies on Gold Nanoparticles</i>
April 10 <sup>th</sup>	Kyle Grice, <b>DePaul University</b> , <i>Using Theory and Experiment to Explore Homogeneous Metal Complexes for Electrocatalytic CO<sub>2</sub></i> (Host: Hamaker)
April 17 <sup>th</sup>	M. Kevin Brown, <b>Indiana University</b> , <i>No Strain, No Gain: Advances in the Synthesis and use of Cyclobutanes</i> (Host: Mitchell)
April 24 <sup>th</sup>	Mr. Moe Rafie, <b>ISU</b> , <i>Aqueous Kinetics of <math>\alpha</math>-Hydroxyhippuric Acid Derivatives as a Function of pH and Buffer Catalysis</i>
May 1 <sup>st</sup>	Ms. McKenzie Biswell, <b>ISU</b> , <i>First Report of a Potential Mycosporine-Like Amino Acid Extracted From Agave: Implications for New Sunscreen Additives</i>

## DATES AND DEADLINES

- February 3 -Registration date/time assignments for Summer 2020 available on My.IllinoisState.edu.
- February 7 Last day to withdraw from a first-half semester course. A withdrawal grade of WX is assigned.
- Last day to drop the pass/no pass (pass/fail) option from a first-half semester course.
  - Last day to drop a full semester course and receive 25 percent tuition adjustment. There will be no adjustment in charges for full semester course withdrawals after this date.
  - Last day for undergraduate students planning on receiving a degree in May to apply and pay the fee for graduation. Applications may be submitted online through My.IllinoisState.edu.
  - Deadline for Summer textbook information to be entered into the Illinois State Textbook Ordering System.
- February 10 -Advanced registration for Summer 2020 begins at 8 a.m.
- February 17 Begin Preliminary audit on May 2020 bachelor's degree candidates. Deficiency Statements will be emailed to students with deficiencies with copies sent to dept/school (Electives added to plans and petitions for graduation exception submitted prior to preliminary audit will result in fewer deficiency statements).
- March 2 Registration date/time assignments for Fall 2020 available on My.IllinoisState.edu.

## STUDENT, FACULTY and STAFF ACTIVITIES

One of Dr. Jun-Hyun Kim's publications ([Nanotechnology, 2019, 30, 285704](#)) was featured in Advances in Engineering news series (<https://advanceseng.com/atypical-catalytic-function-embedded-gold-nanoparticles-controlling-structural-features-polymer-particle/>)

### **Publications**

(visiting scholar) Jang, W.; Byun, H.; **Kim, J.-H.**\* "Encapsulated Gold Nanoparticles as a Reactive Quasi-Homogeneous Catalyst in Base-Free Aerobic Homocoupling Reactions" *ChemCatChem* **2020**, 12, 705–709 (selected as a front cover).

(visiting scholar) Jang, W.; Park, Y.; Park, C.; Seo, Y.; **Kim, J.-H.**; Hou, J.; Byun, H. "Regulating the Integrity of Diverse Composite Nanofiber Membranes using an Organoclay" *Journal of Membrane Science* 2020, 598, 117670.



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