



FALL 2023 SEMINAR SERIES

Date	Presenter and Title
Sept. 1	No Seminar
Sept. 8	No Seminar
Sept. 15	Jonathan Chilaka (3 pm): Title: <i>TBD</i>

Seminars are held Fridays at 3:00 pm in JH 225 unless otherwise indicated.

DATES AND DEADLINES

- September 4 **Labor Day Holiday**, no classes. University closed.
- September 6 Census enrollment reporting. Summer course schedules due. Original drafts of summer 2024 schedules due via Online Course Planner.
- September 15 **LAST DAY** for undergraduate students planning on receiving a degree in December to apply and pay the fee for graduation. Applications may be submitted online through My.IllinoisState.edu. Last day to receive 25% tuition adjustment for full-semester course withdrawals. There will be no adjustment in charges after this date.
- September 18 Begin preliminary audit on December 2023 bachelor's degree candidates. Deficiency statements will be emailed to students with deficiencies with copies sent to department/school (Electives added to plans and petitions for graduation exception submitted prior to preliminary audit will result in fewer deficiency statements).
- September 29 Online Course Planner open for submission of Fall 2024 schedules. Due November 1.
- September 30 Summer Dean's List posted.



NEW GRADUATE STUDENTS

The Chemistry Department welcomes the following new graduate students for the Fall 2023 and Spring 2024 semesters:

Amaning Affram (*University of Energy and Natural Resources – Ghana*)

Lukman Alabi (*Usmanu Danfodio University – Nigeria*)

Akinkunmi Adeshina (*Obafemi Awolowo University – Nigeria*)

Joy Alende (*Obafemi Awolowo University – Nigeria*)

Emily Beitello (*Western Michigan University – USA*)

Brian Carpenter (*Illinois State University – USA*)

Austin Carter (*Illinois State University – USA*)

Sunday Jacob (*University of Ilorin – Nigeria*)

Ryan Lukkarinen (*Saint Ambrose University, Davenport, IA; USA*)

Blessing Okereke (*Linnaeus (Sweden; grad/Michael Okpara – Nigeria*)

Prachi Sarwara (*University of Delhi – India*)

Emily Wiggins (*Southern Illinois University Edwardsville – USA*)

NEW UNDERGRADUATE STUDENTS

The Chemistry Department would also like to welcome the following new undergraduate teaching/research assistants for the Fall 2023 semester:

Sage Lauper-Cook

Katie Helmink

Reaghan Williams

Gloria Calixto

Kathleen Lyons

Caroline Kusmierz

Gursewak Bains

Charles Jackson

Timothee Staley

Bella Rohrig

Katelyn Terry

Haley Rice





October 9-15 Homecoming weekend



STUDENT, FACULTY and STAFF ACTIVITIES

Publications

Ferrence, Linda M., Gajula, Akshata and **Jones, Marjorie A.**, "Surprising Effects of Rocking Motion on Leishmania Tarentolae Behavior in Culture and Implications for Cell Stress", *Stresses* **2023**, 3(3), 605-614; <https://doi.org/10.3390/stresses3030042>. Jones as corresponding author. This was an invited manuscript.

Presentations

Faculty Presentation:

Driskell, Jeremy D., ^(G)Riley, McKenzie B.; ^(UG)Breausche, Faith; ^(UG)Walder, Jason; ^(UG)Somerlot, Anna; and ^(UG)Baker, C., "Structure and Activity of Thiolated Enzymes Adsorbed onto Gold Nanoparticles to form Highly Functional Bioconjugates." ACS Fall 2023 National Meeting, San Francisco, CA, August 17, **2023**.

Student Poster Presentations:

^(UG)Breausche, Faith E.; ^(UG)Walder, Jason, R.; and **Driskell, Jeremy D.** "Protein Thiolation as a Strategy to Enhance Immobilization and Activity Upon Adsorption to Gold Nanoparticles." ACS Fall 2023 National Meeting, San Francisco, CA, August 13, **2023**.

^(UG)Somerlot, Anna H.; ^(UG)Baker, C.; and **Driskell, Jeremy D.** "Quantifying the Conjunction of Protein to Gold Nanoparticles." ACS Fall National Meeting, San Francisco, CA, August 13, **2023**.

^(G)Osei, Kwame and **Driskell, Jeremy D.** "Site-Specific Microbial Transglutaminase (mTG) Mediated Conjugation of Human IgG with Peptides KKCC and KKKKCCCC." ACS Fall 2023 National Meeting, San Francisco, CA, August 13, **2023**.

^(G)Amissah, Anthony, ^(G)Ebbah, Eunice, ^(G)Frimpong, Richard; **Kim, Jun-Hyun** and **Driskell, Jeremy D.**, "SERS-based Rapid Vertical Flow Immunoassay for Enhanced Point of Care Diagnostics," ACS Fall 2023 National Meeting, San Francisco, CA, August 13, **2023**.

^(G) Osei, Kwame and Driskell, Jeremy D. “Site-Specific Microbial Transglutaminase (mTG) Mediated Conjugation of Human IgG with Peptides KKCC and KKKKCCCC.” AbbVie Graduate Student Symposium, Chicago, IL, August 1, 2023.

^(G) Amissah, Anthony, ^(G) Ebbah, Eunice, ^(G) Frimpong, Richard, Kim, Jun-Hyun and Driskell, Jeremy D., “SERS-based Rapid Vertical Flow Immunoassay for Enhanced Point of Care Diagnostics,” AbbVie Graduate Student Symposium, Chicago, IL August 1, 2023.

^(G) Suthaharan, Sivanujan participated in the Nanoscale Summer School on Quantum Mechanics, Computational Methods, Characterization, Scanning Tunneling Microscopy, and Single-molecule processes hosted by Washington State University from July 3 – August 4, 2023.

Awards

^(G) Suthaharan, Sivanujan received the National Science Foundation – Platform for the Accelerated Realization, Analysis and Discovery of Interface Materials (NSF – PARADIM) fellowship for summer school on density functional theory held at Cornell University, NY from July 23-29, 2023.



CONGRATULATIONS!



In Other News:

CHE Alumni and former Driskell research lab students Alexandra (Mandl) Filbrun (B.S. 2016) and Seth Filbrun (M.S. 2017) welcomed their daughter, Eleanor Lynn Filbrun on July 12, 2023.