



Department of Chemistry Seminar Schedule, Fall 2021

Date	Presenter and Title
Oct. 15 th	Justin Simanis (B.S. 2012, M.S. 2014), AbbVie – Homecoming “The AbbVie Process Chemistry Separations Lab: Preparative Chromatography in Pharmaceutical R&D”
Oct. 22 nd	Josie Ehlbeck (literature seminar), “The use of focused ultrasound technologies for the passage of cobalt-based Alzheimer’s disease therapeutics across the blood brain barrier”
Oct. 29 th	David Kukla (literature seminar), “Synthesis and Biological Evaluation of Tryptamines Found in Hallucinogenic Mushrooms: Norbaeocystin, Baeocystin, Norpsilocin, and Aeruginascin”
Nov. 5 th	Dr. Jan Dahl, ISU School of Biological Sciences “Deciphering defense mechanisms to the neutrophilic oxidant hypochlorous acid in uropathogenic <i>Escherichia coli</i> ”
Nov. 12 th	TBD
Nov. 19 th	No Seminar
Nov. 26 th	No Seminar – Thanksgiving Break
Dec. 3 rd	No Seminar
Dec. 10 th	No Seminar – Finals Week

DATES AND DEADLINES

October 23 Mole Day

October 28 Transfer Day

Mole Definition

A mole (symbol *mol*) is defined as the quantity of a given substance that contains the same number of elementary entities (molecules, formula units, atoms, ions, etc.) as the number of atoms in exactly 12 grams of carbon – 12.

$$1 \text{ mole} = \frac{1200 \text{ g}}{1.994 \times 10^{-24} \text{ g/atom}}$$
$$= 6.022 \times 10^{23} \text{ atoms}$$



STUDENT, FACULTY and STAFF ACTIVITIES

UPCOMING SPECIAL EVENTS

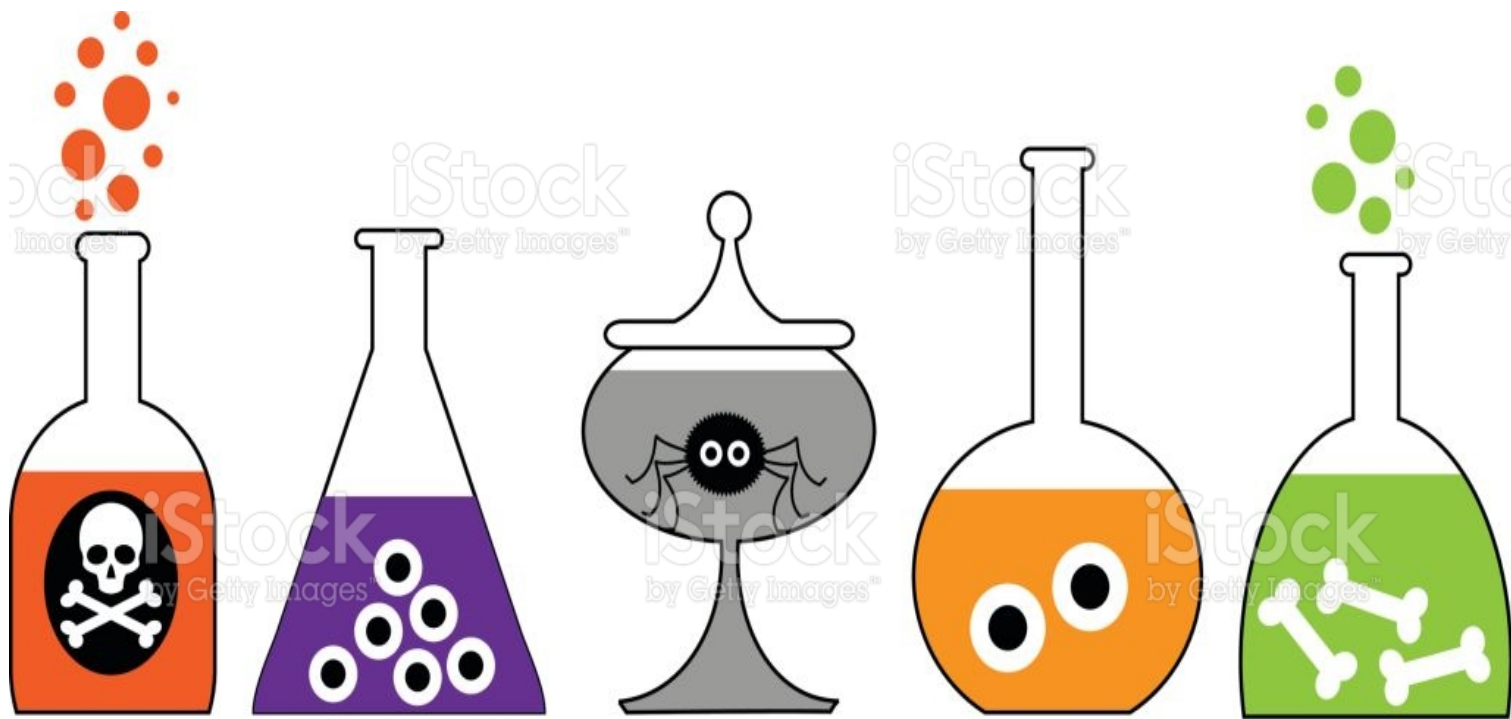


October 16th Chemistry Department Homecoming Tailgate!

The Department of Chemistry will be hosting a Tailgate party for the Illinois State University Homecoming game against North Dakota State on Saturday, October 16th from 11:00 a.m. until 1:30 p.m.! Students, faculty, staff and alumni and significant others/family are all welcome to come and join in the celebration.

The Tailgate party will be held in a new location this year! The Department of Chemistry will be tailgating in the parking lot of the Science Lab Building located at the corner of College & Fell.

There will be food (burgers, hotdogs, veggie burgers, and other food grilled by faculty) and beverages (Coca-Cola products, Pepsi-Cola, etc.). Feel free to bring a dish to share. Please come out and join us for the Department of Chemistry Homecoming Tailgate party. There'll be games, food, and fun for all. We hope to see you there!



HAPPY HALLOWEEN