

Texas Tech University
Department of Chemical Engineering
Seminar Series



Safe-Science First

Heather Coats

Environmental Health and Safety
Texas Tech University

Abstract

You know that you need to add compound A to compound B to make your product, but do you know what safety precautions to use to keep yourself and others safe in the lab? You know you should be careful with compound A, but why? Learning how to practice *Safe-Science First* is not only important to your work at Texas Tech University but also as you prepare yourself and your skills for the “real world”. Learn how to effectively do a risk assessment, what to do in a lab accident or spill and discuss the most common safety findings with EHS and much more. Let’s start the semester off right by researching smart and researching safe.

Bio

Heather Coats is local to Lubbock. She earned her B.S in Chemistry from Sam Houston State University and her M.S in Chemistry with an emphasis on Chemical Education from Texas Tech. Heather has many years of undergraduate and graduate research and teaching experience from her time as a student. Since earning her master’s, Heather worked at Texas Tech CISER, a STEM outreach program for K-12 Lubbock area schools. Here she designed novel labs for middle and high school students and trained teachers on how to use them. Heather joined the Lab Safety team at EHS in November and has taken on the responsibility of coordinating most of the in-person safety seminars. Her chemistry and education background make her a valuable addition to EHS.

Friday, Sep. 4

3:00 pm

Livermore 101