

Oklahoma State University

School of Chemical Engineering

Fall 2024 ChE Graduate Seminar Series

When: 10:30 A.M - 11:30 A.M.

Where: 203 North Classroom Building

09.10.2024

Zili Wu

Oak Ridge National Lab
Surface science and catalysis

09.17.2024

Shikha Nangia

Syracuse University
Computational biology; Multiscale modeling; Nanocarrier

09.24.2024

Michael Bevan

John Hopkins University
Colloids; Soft Matter; Complex fluids

10.01.2024

Nikhil U. Nair

Tufts University
Using deep sequencing to guide enzyme engineering and mechanistic studies

10.08.2024

Kasun Gunasooriya

University of Oklahoma
Computational catalysis; Machine learning

11.05.2024

Qingsheng Wang

Texas A&M University
Process safety and development

11.12.2024

Joel Paulson

Ohio State University
Optimization; Model predictive control; Multiscale simulation

11.19.2024

Michael Hickner

Michigan State University
Polymers; 3D Printing; Materials chemistry

Oklahoma State University

School of Chemical Engineering

Fall 2024 PETE Graduate Seminar Series

When: 4:30 P.M - 5:20 P.M.

Where: 305 Engineering North

09.11.2024

Andrew Bungler

University of Pittsburgh

Measuring and Modeling of Injection and Flowback for Subsurface Pumped Energy Storage in Horizontal, Fluid-Filled Lenses

09.18.2024

Dustin Crandall

National Energy Technology Laboratory

Core Characterization for Energy Applications

09.25.2024

Barbara Kutchko

National Energy Technology Laboratory

Performance of cement in underground storage scenarios

10.02.2024

Evren Ozbayoglu

The University of Tulsa

Cutting Transport - Effect of Pipe Rotation

10.16.2024

Kiseok Kim

Texas A&M University

Effect of CO₂ injection on the poromechanical and multiphase flow characteristics of subsurface rock

10.23.2024

Mengsu Hu

Berkeley Lab

Multiscale Modeling of Shearing and Coupled Processes in Fractured Rocks

10.30.2024

Lisa Schwarz & Steve Sowers

Oklahoma Oil & Natural Gas

Uniquely Oklahoma: OERB's Industry Leading Initiatives in Education and Land Restoration

11.06.2024

Christine Ehlig Economides

University of Houston

The Hydrogen Value Proposition

11.13.2024

Dwayne Purvis

Purvis Energy Advisors

The Outlook for the Three Oil Industries

11.20.2024

Adam Haecker

Milestone Environmental Services

Petrophysics of CCUS: How is it different? How is it the same?