Georgia Tech College of Engineering
School of Chemical and Biomolecular Engineering

CELEBRATING 125 CHEMICAL ENGINEERING EST. 1901

Georgia Tech College of Engineering
School of Chemical and Biomolecular Engineering

125th Anniversary Symposium Series

November 4, 2026
3:30-4:30 p.m.
College of Computing 016

The 4th Symposium celebrates our graduates working in chemistry-related fields



Raymond Chafin
Ray Lei
Kendra McCoy
Haley White

Raymond Chafin

Engineering and Technology Manager
INEOS Olefins & Polymers USA, LLC



Chafin (Ph.D. 2006) leads the central technical organization for the company's US manufacturing sites, spanning disciplines from process safety and equipment reliability to control systems and operational excellence.

He has spent his career in refining and chemicals manufacturing. His work centers on helping plants run safely, reliably, and competitively. He holds a B.S. in chemical engineering from West Virginia University.

Kendra McCoy

Chief, Protection & Hazard Mitigation Branch
Defense Threat Reduction Agency



McCoy (Ph.D. 2004) leads a multidisciplinary team developing next-generation military hardware through smart fabrication processes. In 2024, Dr. McCoy joined the Board of Directors of the JR Biotek Foundation, where she applies her program and transition management expertise to build the people, partnerships, and platforms needed to strengthen African agriculture.

She earned her bachelor's degree in Chemical Engineering from Carnegie Mellon University.

Ray Lei

Founder/CEO
Ursa Simulation



Lei (Ph.D. 2021) founded his company in 2025. Ursa is dedicated to advancing materials science through simulations and AI.

Prior to founding Ursa Simulation, he was a research scientist at Toyota Research Institute, where he collaborated with materials engineering teams on batteries, polymers, and semiconductor materials. Lei holds bachelor's degrees in chemical engineering, chemistry, and mathematics from the University of Minnesota.

Haley White

Water Treatment Lead and Senior Engineer
Bechtel Corporation



White (Ph.D. 2022) leads the water treatment group at Bechtel in Reston, Virginia, on the Poland AP1000 Project. She is a primary technical specialist in water treatment for the Nuclear, Security, & Environmental Global Business Unit at Bechtel.

She holds a B.S. and M.S. in chemical engineering from Tennessee Technological University.