

Chemistry Seminar

Kayla Lantz is a candidate for the Fall 2023 Visiting Assistant Professor Position

Thursday, April 6 * RNS 310 * 3:00-4:00 pm

Industry-informed Undergraduate Research Projects in First-Year Chemistry

Through partnerships with Stockmeier Urethanes, Chemours, and the First2 Network, the Fairmont State University chemistry program piloted group-based, industry-informed, undergraduate research projects in the honors first-year chemistry laboratory course. Students were given the opportunity to choose from a variety of projects such as: polymer density analysis, UV pigment fading, heat transfer of pigment coated rubber, metal leaching from rubber mulch, and lead extraction from children's jewelry. This seminar will discuss how these collaborations developed, basic project planning, the student experience, and the potential for concept expansion.



Kayla Lantz

Kayla Lantz is an Assistant Professor of Chemistry at Fairmont State University in West Virginia where she teaches general, organic, and inorganic chemistry courses. She received her PhD in Chemistry in 2019 from the University of South Carolina where she worked on kinetically controlled block polymer micelles and cavitation induced exchange for templating nanomaterials. Following her PhD, she completed postdoctoral training at the University of Delaware in polymer thin films and mixed matrix composites. She is active in the First2 Network, which focuses on persistence of rural, first-generation, and underrepresented students in STEM. Additionally, she is the faculty mentor for the ACS Club and facilitates chemistry outreach events promoting science exposure in the surrounding community. Kayla's free time is spent enjoying the outdoors with her family.

Donuts will be provided