

# KELSEY CRAWFORD

Consulting Engineer



Kelsey Crawford is a consulting engineer for Modality Solutions. In her position, Kelsey helps clients with cold chain validation and simulated shipping tests. She writes protocols and reports for distribution studies and thermal packaging qualification. Kelsey also works in the Modality Solutions Advantage Transport Simulation Laboratory™ to effectively study the effects of transportation environmental hazards on drug products.

Prior to joining Modality Solutions, Kelsey worked at Cargill in Sidney, Ohio in a Food Safety and Quality Co-Op position. In the Food Safety, Quality, and Regulatory Department, she communicated globally with affiliates and suppliers to organize documentation, improved the supply chain tracking, wrote SOPs for new testing equipment, and performed risk assessments for suppliers and ingredients.

Kelsey also worked at the Ohio Environmental Protection Agency in Columbus, Ohio as an Air Pollution Control Intern. In this opportunity, she analyzed air emissions data and reviewed air permits.

While at the university, Kelsey worked for The Ohio State Department of Chemistry and Biochemistry where she helped with data analysis and business development.

Kelsey attended The Ohio State University where she received her B.S. degree in Chemical Engineering. She immersed herself in elective courses consisting of modeling and simulation, petroleum project evaluation, and humanitarian engineering. Kelsey also spent a month in New Zealand studying environmental and economic sustainability abroad. Kelsey spent time researching processes including Continuous Stirred Tank Reactors (CSTR), hydrogen fuel cells, carbon dioxide absorption, and reverse osmosis desalination. Through these experiences, Kelsey found her passion for energy sustainability and management. Kelsey has also worked heavily with MATLAB, C++, Python, R, SuperPro Designer, SolidWorks, Microsoft Office, and SharePoint.

## Work Experience

The Ohio State University Department of Chemistry	Columbus, OH
Ohio Environmental Protection Agency	Columbus, OH
Cargill	Sidney, OH

## Education

Bachelor of Science, Chemical Engineering	The Ohio State University
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## Affiliations

AIChE (American Institute of Chemical Engineers)

