

KERRI PETERSON

EDUCATION

B.S. – Chemical Engineering, minor in Business, Miami University, 2022

EMPLOYMENT HISTORY

2023 to present – Sevee & Maher Engineers, Inc., Park Ridge, IL, Chemical Engineer

2022 to 2022 – Cargill, St. Clair, MI, Food Science Research & Development Intern

2020 to 2022 – Miami University, Oxford, OH, Undergraduate Research Assistant

2021 to 2021 – E&J Gallo Winery, Healdsburg, CA, Analytical Laboratory Intern

2019 to 2019 – Greenpac Mill, Niagara Falls, NY, Paper Science Engineering Intern

AFFILIATIONS

Tau Beta Pi Engineering Honor Society

PROFESSIONAL EXPERIENCE

Ms. Peterson joined SME in 2023 as a chemical engineer. In this role she supports SME's Product Stewardship group which provides advanced safety and regulatory compliance consulting services for food contact/packaging companies operating in the food and beverage industry and supply chain and in consumer products industries.

Ms. Peterson has professional research and development experience in analytical laboratory and manufacturing environments for businesses operating in the food and beverage and packaging industries. She has proven ability in managing cross-functional assignments in which she designed and executed her own projects and provided technical support to other projects.

Ms. Peterson's work has included a range of assignments, including:

- Designing and developing experimental plans
- Coordinating and executing testing procedures
- Instrumentation management and maintenance
- Quality testing and assurance

PUBLICATIONS

"The Amphoteric Surfactant N,N-Dimethyldodecylamine N-Oxide Unfolds β -Lactoglobulin above the Critical Micelle Concentration" Kayla D. Thompson, Evan P. Danielson, Kerri N. Peterson, Nicholas O. Nocevski, Jason T. Boock, and Jason A. Berberich Langmuir 2022 38 (13), 4090-4101 DOI: 10.1021/acs.langmuir.2c00172.

"Interaction of β -lactoglobulin with lauryldimethylamine oxide." Presented at American Chemical Society Poster Presentation, April 21, 2021.