

ANDREW LARRIGAN

Consulting Engineer



Andrew Larrigan serves as a Modality Solutions Consulting Engineer as he works with other dedicated project engineers.

As a component of his position, Andrew works in the Advantage Transportation Simulation Laboratory™, which provides valuable data on the impact of five environmental hazards (temperature, humidity, pressure, shock, and vibration) on the critical-to-quality attributes of products. He helps with the design and execution of a variety of distribution and thermal studies.

His main tasks include:

- Designing and conducting transportation simulation testing
- Coordinating testing, calibration and maintenance for the Advantage Transportation Simulation Laboratory™
- Conducting product specific supply chain risk assessments
- Selecting and/or implementing thermal packaging applications
- Writing and updating Standard Operating Procedures and Forms
- Writing protocols and reports for testing

Using his communication skills, Andrew assists the team with his feedback and problem-solving. When customers are dealing with cold chain problems, Andrew helps them find solutions. Andrew helps customers understand what testing needs to be done in their specific situations. Using the results from a risk assessment of each supply chain, Andrew helps design the needed transport simulation to ensure product quality through distribution.

Prior to joining Modality Solutions, Andrew attended The Ohio State University where he received his degree in Chemical Engineering. While at The Ohio State University, Andrew immersed himself in the following elective courses: Air Pollution, Experimental Design, Modeling & Simulation, Fuel Cells. It was in these courses that Andrew found his passion for learning and educating about the environment.

Andrew's academic research focused on the environment. Environmentally-geared experiments concentrated on hydrogen fuel cells, acetic anhydride CSTR and batch reactors, reverse osmosis desalination, and carbon dioxide absorption.

Education

Bachelor of Science, Chemical Engineering

The Ohio State University

Affiliations

AIChE (American Institute of Chemical Engineers)

