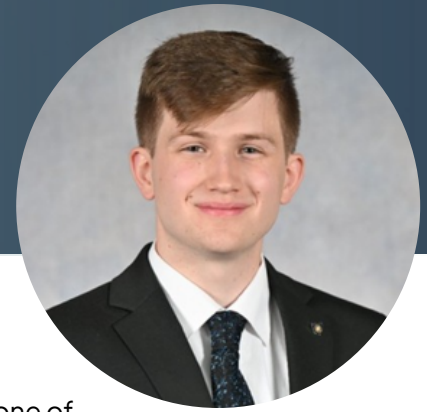


MITCHELL LEWIS

Senior Consulting Engineer



Mitchell Lewis, Senior Consulting Engineer at Modality Solutions is a valuable team member at the Advantage Transportation Simulation Laboratory™ in Indiana. He is one of the engineers responsible for generating data on the impact of five environmental hazards, temperature, humidity, pressure, shock, and vibration, on the critical-to-quality attributes of biologics, pharmaceuticals, gene and cell therapy, and combination medical device products. His work at the lab involves support of product-specific supply chain risk assessments, implementing thermal packaging applications, writing and executing protocols, designing and conducting plunger movement studies for prefilled syringes, and creating reports that effectively summarize study results for clients.

Mitchell has a robust background in Biomedical Engineering, which has equipped him with the skills to develop and ensure the functionality of medical devices. During his senior capstone project, he designed and built his own medical devices, and his internship at Wexner Medical Center involved diagnosing and repairing existing devices, requiring precise problem-solving and thorough documentation.

His experimental design experience includes significant work at the Pelotonia Cancer Research Center, where he designed and conducted experiments studying the effects of gene inhibitors on cancer metastasis, working with microfluidics and cell and organoid cultures. This work culminated in a senior thesis involving detailed data presentation, documentation, and reporting.

A graduate of Ohio State University, Mitchell earned his degree Magna Cum Laude with Honors Research Distinction and placed third in the Undergraduate Research Festival.

Education

Bachelor of Science, Biomedical Engineering

The Ohio State University