

JEFFREY WILBER

Consulting Engineer



Jeffrey Wilber, 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 the support of product-specific supply chain risk assessments, implementing thermal packaging applications, and testing, calibration, and maintenance for the lab.

An adept problem-solver with exceptional interpersonal skills, Jeffrey is responsible for presenting findings to clients and helping to engineer solutions along with the Modality Solutions team. He also works with clients to develop transport validation test protocols, following up with comprehensive technical reports based on the test results. Jeffrey's expertise in testing and analyzing high temperature-controlled materials is transferrable to his current work with Modality Solutions in low temperature-controlled substances. His experience across the spectrum of temperature-sensitive materials makes him an asset to Modality Solutions and the team at the Advantage Transportation Simulation Laboratory™.

Jeffrey's internship experience includes working in lab environments with temperature-sensitive materials that were prone to deficiencies or degradation when exposed to extreme climates or interactions with certain physical and chemical environments. His chemical engineer academic experience in thermodynamics, heat transfer, and mass transfer at Texas A&M University also helped to further develop the skills and unique perspective he brings to Modality Solutions.

When asked about what he enjoys about the role, Jeffrey mentioned the challenge of helping clients find solutions to their cold chain challenges, and using data to drive decisions that help deliver the pharmaceutical product to the end-user...the patient.

Education

Bachelor of Science, Chemical Engineering

Texas A&M University