

ERYN CASTANEDA

Consulting Engineer



As a Consulting Engineer at Modality Solutions, Eryn brings a wealth of expertise in ensuring the integrity and efficiency of supply chains through meticulous root cause failure analysis, risk management, and transport validation. Her role involves crafting comprehensive OQ/PQ protocols and reports, a testament to her commitment to maintaining the highest standards in her field. Eryn's proficiency spans various specialties, making her an indispensable asset to the team.

Her specialties cover a spectrum of critical areas, including Original Equipment Manufacturing (OEM) Servicing. Eryn's internship at Paragon Medical provided her with foundational insights into designing verification and validation tests for class II medical devices, a skillset she now applies to develop and execute comprehensive PQ studies.

As a manufacturing engineering intern, Eryn gained hands-on experience operating machinery and led improvement processes for Paragon Medical. This problem-solving mindset and proactive approach characterize her work, both then and in her current role. At Modality Solutions, she collaborates with clients to establish validated supply chains, conducting OQ and PQ studies and HAZOP assessments.

Eryn's commitment to excellence extends to thermal packaging design for OQ testing, ensuring that thermal shippers meet and exceed required specifications. Beyond technical prowess, she is recognized for her exceptional interpersonal skills, effortlessly building relationships and fostering a warm and exciting workspace. Guided by the philosophy that "if you don't ask, you won't receive," Eryn's proactive approach to challenges underscores her determination to continuously strive for success.

Colleagues describe Eryn's approach using adjectives such as determined, creative, strategic, energetic, insightful, pragmatic, tenacious, compassionate, and caring. Eryn embodies a multifaceted and holistic approach to her professional endeavors, making her a valuable asset in the dynamic field of consulting engineering.

Eryn attended Rose-Hulman Institute of Technology where she received her Bachelor of Science degree in Biomedical Engineering.

Education

Bachelor of Science, Biomedical Engineering

Rose-Hulman Institute of Technology