

Speaker: Brenda Remy, Ph.D. – Vice President, Head of Enterprise AI at GE HealthCare

Title: The Enterprise AI Revolution: How AI Technologies are Unlocking Value Across the Med Tech Value Chain.



Bio: Dr. Brenda Remy is Head of Enterprise AI at GE HealthCare, leading the development of AI and GenAI capabilities to drive operational efficiency and inform strategic decisions. With 25 years of experience across pharmaceutical manufacturing, med tech, product development, and data analytics, she brings a deep commitment to advancing healthcare innovation.

Dr. Remy began her career as a process engineer at Merck in 2000, overseeing active ingredient manufacturing. She later joined Bristol-Myers Squibb, contributing to the development of over 25 clinical drug candidates across oncology, virology, cardiovascular, neurology, and autoimmune diseases.

In 2019, she transitioned to BMS's Business Insights & Analytics team, where she built a new data analytics function supporting Global Product Development & Supply.

She joined GE HealthCare in February 2025. Dr. Remy holds a B.S. in Chemical Engineering from Rensselaer Polytechnic Institute and a Ph.D. in Chemical and Biochemical Engineering from Rutgers University.

Talk Abstract:

The med-tech value chain is being re-shaped by enterprise-grade AI technologies that deliver measurable gains while meeting the bar for safety, quality, and compliance. In this presentation, I'll share how GE HealthCare applies machine learning and GenAI—end to end—to improve manufacturing performance, reduce cost and improve customer service. We'll walk through end-to-end use cases including computer-vision applications to reduce scrap and variation; touchless demand and revenue forecasting that has improved accuracy with corresponding gains in on-time delivery and working-capital reductions; scheduling and logistics optimization; and GenAI-assisted quality applications. Beyond the algorithms, I'll highlight the socio-technical pieces that make these systems stick: robust MLOps, human-in-the-loop workflows, and alignment to regulatory and safety expectations. The session is designed for a diverse audience—researchers, practitioners, and leaders across industries—offering concrete examples of AI applications across the med-tech value chain, with measurable outcomes when scaling AI across the enterprise.