

Biographical Note



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Dr. **Sandy Furterer** is a Professor of Practice at The Ohio State University, in the Department of Integrated Systems Engineering. She is also the Lead Faculty for the Bachelors of Science in Engineering Technology program. She has applied Lean Six Sigma, Systems Engineering, and Engineering Management tools in healthcare and other service industries. She previously managed the Enterprise Performance Excellence center in a healthcare system. Dr. Furterer received her Ph.D. in Industrial Engineering with a specialization in Quality Engineering from the University of Central Florida in 2004. She received an MBA from Xavier University, and a Bachelor and Master of Science in Industrial and Systems Engineering from The Ohio State University. She is an ASQ Certified Six Sigma Black Belt, Certified Manager of Quality/ Organizational Excellence, Certified Quality Engineer, an ASQ fellow, and a certified Six Sigma Master Black Belt.

Dr. Furterer is an author or co-author of several academic journal articles, conference proceedings and 8 reference textbooks on Lean Six Sigma, Design for Six Sigma, Lean Systems, and Systems Engineering, including being the co-editor for the ASQ CQIA Handbook and the ASQ CMQ/OE Handbook, and the editor of the ASQ CQPA Handbook. Her latest book is *Systems Engineering: Holistic Life Cycle Architecture, Modeling and Design with Real-World Application*, CRC Press, 2022. She also wrote the Lean Systems chapter in *Maynard's Industrial and Systems Engineering Handbook*, Sixth Edition, 2022.