



**Topic of the Speech:**

COVID-19 and U.S. Supply Chain Issues

**Professor A. Blanton Godfrey**

Joseph D. Moore Distinguished University Professor & Former  
Dean

Wilson College of Textiles  
North Carolina State University  
Raleigh, North Carolina, USA



**Professor A. Blanton Godfrey** is the Joseph D. Moore Distinguished University Professor of Textile and Apparel, Technology and Management in the Wilson College of Textiles. He is a Fellow of the American Statistical Association, the American Society of Quality, the World Academy of Productivity Sciences, the Royal Society of Arts, Manufactures and Commerce and an elected member of the New York Academy of Science. Professor Godfrey is the recipient of the C. Jackson Grayson Distinguished Quality Pioneer Medal, the Feigenbaum Lifetime Achievement Medal, and is an Honorary Member of the American Society for Quality. He has a B.S. in Physics from Virginia Tech and an M.S. and Ph.D. in Mathematical Statistics from Florida State University.

He is the co-author of eight books and over 30 book chapters and has published over 200 papers. Prior to joining NC State University as Dean of the College of Textiles, Dr. Godfrey was Chairman and CEO of Juran Institute, a quality management consulting company working in over 60 countries. He joined Juran Institute after fourteen years at Bell Telephone Laboratories where he was Head of the Quality Theory and Technology Department. He taught graduate courses at Columbia University for nineteen years as an adjunct professor in Industrial Engineering and Operations Research and was a visiting lecturer in clinical quality at Harvard University for four summer courses. In 1987 he co-founded the National Demonstration Project for Quality Improvement in Healthcare that later became the Institute for Healthcare Improvement, an organization that he has been associated with for over 30 years serving as a member and as chair of the board.



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COVID-19 and U.S. Supply Chain Issues

**Dr. Shaghaeygh Rezaei Arangdad**

Research Assistant Professor  
Wilson College of Textiles  
North Carolina State University  
Raleigh, North Carolina  
USA



**Dr. Shaghaeygh Arangdad** received her Ph.D. in Textile Technology Management from the Wilson College of Textiles at North Carolina State University. As a post-doc she focused much of her research in dynamic interactive data visualization and utilization in support of research grants with the U.S. Department of Health and Human Services with the University of North Carolina-Chapel Hill Gillings School of Global Public Health and a private foundation grant with the UNC-CH WHO Coordinating Center focused on maternal and child health.

This work is in direct support of the United Nations Sustainable Development Goal 3 and UNICEF. Dr. Arangdad has acquired knowledge and extensive experience during years of education and research in the field of textiles, sustainability, data science, and quality improvement in healthcare. She leads the joint development of the Dynamic Interactive Data Visualization & Utilization Lab for UNC-CH and North Carolina State University. She also has an M.Sc. in Textile Management from the Science & Research University in Tehran, Iran and a B.Sc. in Industrial Management from the College of Management in Tehran University. She has published papers in medical textiles, statistics and data science, and apparel and textile sustainability and consumer behavior.

Dr. Arangdad has also supported over 300 graduate students in Lean Six Sigma courses and projects and over 300 undergraduate students in textile and apparel entrepreneurship and new product development.