



Brian J. Galli  
Assistant Professor of  
Management Engineering at  
Long Island University – Post



Brian J. Galli holds a doctoral degree in Engineering Management from Old Dominion University, earned December 2013. He also holds a Bachelors of Science in Industrial Engineering, earned May 2007, from Binghamton University (SUNY Binghamton), as well as Masters of Science in Engineering Management, earned July 2009, from Missouri University of Science & Technology. He is a licensed professional engineer in New York State and holds a certification as a Lean Six Sigma Blackbelt.

Brian's major field of study is continuous improvement in healthcare settings as well as deployment of continuous improvement and project management. He works as an Assistant Professor of Management Engineering at Long Island University – Post. He also owns Apex Strategies, Ltd, a company that specializes in continuous improvement consulting and training initiatives.

He has over 9 years of experience in applying industrial engineering and continuous improvement tools and concepts in a wide variety of arenas, including healthcare, manufacturing, transactional, and service environments. He has spent over 6 years working for Northwell Health (formerly known as North Shore LIJ Health System) in New York and 1 year in Health Plan in the Emblem Health Service Company.

**Title:** The Current & Future of Applied Statistics in Relation To Quality

**Abstract:** Since the beginning of their use, statistics have evolved in many different ways, especially how they are applied in the world of quality and continuous improvement. The objective of this session will be to discuss the present and future of statistics from the engineering and statisticians' perspectives. The session will also seek to introduce some suggestions about the future of the statistical thinking and the emergence of a possible new engineering branch: Statistical Engineering. Finally, this session will discuss what could be the future potential trends of how statistics is applied in quality and in quality improvement methodologies. Case studies and examples from many different business and industry sectors will be used to highlight how statistics is currently used and will be used in the future world of quality.