

SEMINAR SERIES  
Department of Quantitative Analysis and Operations Management  
College of Business Administration  
University of Cincinnati

**Six Sigma Quality: Accomplishments, Challenges, and Opportunities**

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**Schenectady, New York**

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**2:30 p.m.**  
**214 Lindner Hall**

Six Sigma is a quality improvement initiative popularized by Motorola, which is producing significant results for GE, Allied Signal, and others. In this presentation, we will learn more about what Six Sigma means to GE, and in particular, the Corporate Research and Development Center. An introduction to Six Sigma methods will be provided, as well as examples of the application of these methods in recent projects at GE.

Tim K. Keyes received the B.S. degree in Mathematics from Ashland University, Ashland, Ohio, in 1983, M.S. degrees in Mathematics and Industrial Engineering from Miami University (Ohio) in 1985 and University of Cincinnati in 1990, respectively, and the Ph.D. in Applied Statistics from the University of Cincinnati in 1993.

From 1987 to 1994, Dr. Keyes was employed at Measurex Corporation as an Operations Researcher, with responsibility for commercial software products for the paper industry. Dr. Keyes joined the research staff of General Electric Corporate Research and Development in 1994 as a statistician, with duties involving the development and application of statistical methods and applied mathematics to a variety of strategically important and technically significant problems throughout GE, involving financial risk management, product development, quality and process improvement, product servicing and reliability. He has published research papers in the areas of linear models, predictive inference, optimal control, design of experiments, nondestructive evaluation, risk analysis and data mining.

Dr. Keyes is member of INFORMS and the American Statistical Association, in which he is an active member in the Albany (New York) Chapter as National Representative.