

SEMINAR SERIES
Department of Quantitative Analysis and Operations Management
University of Cincinnati

Statistical Alchemy: How Lenders Help Businesses Get Financed

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Stamford, Connecticut

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1:30 p.m.
216 Lindner Hall

This presentation will explain and illustrate how commercial lending enterprises assess the risk profile of their targeted customers, and finances their lending operations in a manner that maintains balance-sheet stability and investor confidence. The underpinnings of the approaches used can be found in applied statistics and represent the foundation of the Basel II Accord.

Key Words: Basel II, Credit Risk, Economic Capital, Market Risk, Operational Risk, Regulatory Capital

Tim K. Keyes attended Ashland University, Miami University, and the University of Cincinnati, where he obtained his B.S. in Math, M.S. in Operations Research, and Ph.D. in Applied Statistics, respectively. Upon completion of his doctorate in 1994, Tim joined the staff of GE's Global Research Center, where he worked on a variety of important projects across GE - resulting in 17 patent applications related to valuing consumer and commercial loans. Tim is a Certified Six Sigma Master Black Belt and a 2005 Recipient of an Edison Award, GE's most prestigious award for technical innovation, the first-ever winner from GE Commercial Finance, and from which a Research Grant of \$25,000 was given to the University of Cincinnati. Tim now manages a high-powered team of 13 experienced risk professionals, dedicated to creating GE shareholder value via the deployment of risk management tools and analytics. Tim is active professionally in the American Statistical Association (ASA) as the 2003-4 President of the Connecticut Chapter (V.P. 2002-3), a 2002-4 member of the Committee for Applied Statistics at the national level, and a 2005-6 member of the President's Self-Awareness Task Force. He has been a member of the ASA since 1991, the Connecticut Chapter since 2001, and has 19 professional publications and presentations across a wide variety of statistical subjects. His most recent work has been a collaboration on a Chapter on Financial Services for a forthcoming Wiley book on applied statistics. Tim has recently accepted a 3-year commitment on the Advisory Board of the Department of Quantitative Analysis and Operations Management at the University of Cincinnati.

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