

## FREDERICK W. FALTIN

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### CAREER SUMMARY

Experienced executive and consultant with an established record of executing quantitative solutions across a wide range of manufacturing, service, healthcare, and financial industries.

Author/editor/instructor of books, scholarly publications, and corporate training courses in statistics, operations research, Six Sigma, and related disciplines.

Fellow of the American Statistical Association. Prominent record of technology development and professional service.

#### The Faltin Group

1999-present

*Co-Founder & Managing Director*

Providing consulting & training services in the application of business analytics to issues in management, product and service development, and R&D. Specializing in statistics, operations research, Lean Six Sigma, Design for Six Sigma, and business process optimization.

- Author and instructor of numerous training courses in statistics, operations research, Six Sigma/Lean/Design for Six Sigma, finance, and related fields.
- Consultant to client executive management teams in defining, implementing, and managing corporate initiatives: executive briefings and training, deployment strategies, mentoring, and project/process consulting.
- International clientele is based in Europe and Asia, as well as North and South America. Clients include Adventist Health, Agilent Technologies, Allstate, The Bill & Melinda Gates Foundation, CBRE, Clinical Micro Sensors, Dell, Fox River Paper, Jones Lang LaSalle, the Juran Institute, LifeCare, Motorola, Samsung Electronics, Sandvik AB, Sutter Health, Symbol Technologies, UnitedHealth Group, and other prominent names in finance, healthcare, services, manufacturing, and technology.

#### GE

1984-1999

*Manager, Strategic Enterprise Technologies; previously Manager, Enterprise Optimization Program, NBC Business Representative, and GE Plastics Business Representative*

- Founded and managed corporate Strategic Enterprise Technologies laboratory, providing expert consulting and implementation services in operations research, data mining, supply chain management, econometrics, and computer science to GE businesses worldwide. Led initiatives in inventory, supply chain optimization, asset management, mining of large financial and broadcasting databases.
- Managed development and taught portions of corporate *Design for Six Sigma* curriculum to GE's Master Black Belts.
- E-business application for GE Plastics cited by CEO John F. Welch in company's 1Q99 report to shareholders, subsequently won GE Research Hull Award. \$2B NBC sales plan generation project was first runner-up in the international 2001 Franz Edelman Prize competition of the Institute for Operations Research and Management Sciences.

***GE Management Training Curriculum:*** *Management Development Course; Advanced Information Management Course; Target Costing/Change Acceleration Process; New Manager Development Course; Project Leadership Course.*

## EDUCATION

M.S., Operations Research	<i>Cornell University</i>
M.S., Mathematical Statistics	<i>Cornell University</i>
S.B., Mathematics	<i>Massachusetts Institute of Technology</i>

## BOOKS, PROFESSIONAL AWARDS & DISTINCTIONS

Fellow, *American Statistical Association*  
Senior Member, *American Society for Quality*  
Editor in Chief, ***Analytic Methods in System and Software Testing***, John Wiley & Sons, 2017  
Finalist, CoreNet H. Bruce Russell Global Innovator's Award, 2013  
Editor in Chief, ***Statistical Methods in Healthcare***, John Wiley & Sons, 2012  
Editor in Chief, ***Encyclopedia of Statistics in Quality & Reliability***, John Wiley & Sons, 2007  
ASA/ASQ Fall Technical Conference Steering Committee, 2005-2011  
Chair, *American Statistical Association* Quality & Productivity Section, 2002  
Patent, ***System and Method for Estimating a Change Point Time in a Manufacturing Process***, 1998  
Co-Chair, *ASU National Symposium on Statistics and Design in Automated Manufacturing*, 1991 & 1993  
Shewell Prize, *American Society for Quality*, 1990  
GE Corporate Research Whitney Award for Technical Achievement, 1988, 1995  
Editorial Review Board, ***Journal of Quality Technology***, 1986-1991  
Organizer, chair, and invited speaker for various publications & conferences.