
John F. Kros, Ph.D.

3205 Harold Bate Building, College of Business,
East Carolina University, Greenville, NC 27858, (252) 328-6364,
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EDUCATION

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| Ph.D. Systems Engineering, University of Virginia
• <u>Dissertation</u> : “Taguchi Methods in Multiresponse Engineering Design” | Conferred: May 1997 |
| Master Of Business Administration, Santa Clara University
• Operations Management and Math Modeling Concentrations | Conferred: June 1992 |
| Bachelor Of Business Administration, University of Texas
• Engineering Route to Business Major-Operations Management Concentration | Conferred: May 1990 |

ACADEMIC EXPERIENCE

Department of Marketing & SCM, East Carolina University, Vincent McMahon Distinguished Professor of Marketing&SCM
Professor teaching online and face-to-face undergraduate and graduate courses in Business Decision Modeling, Operations/Supply Chain Management, OMGT3123, Purchasing & Materials Management OMGT4743 & OMGT6743. (May 2002-present)

School of Business, Hawaii Pacific University, Associate Professor of Quantitative Methods
Associate professor and Academic Coordinator of Quantitative Methods. Responsibilities include undergraduate and graduate teaching, curriculum development, and professional development. (July 1997-May 2002)

Department of Business Information Technology, Virginia Tech, Visiting Professor
Visiting Professor in the Department of Management Science & Information Technology teaching BIT2414 Quantitative Methods II and BIT3414 Operations Management. (July-August 1999-2001, 2003)

Department of Systems Engineering, University of Virginia, Graduate Research Assistant
Graduate Research Assistant to **Dr. Christina Mastrangelo** in Taguchi methods for quality engineering, multiresponse optimization models for engineering design, and Taguchi methods applied to production planning. (September 1992-July 1997)

Department of Decision Sciences, Santa Clara University, Teaching and Research Assistant
Assistant to **Dr. Steven Nahmias** for research and MBA Statistics I. Direct responsibilities: grading and conducting recitation sessions. Research topic: production planning and scheduling. (January 1991-June 1992)

INDUSTRIAL EXPERIENCE

JFK Consulting, Cedar Park, Texas, Consultant and Sole Proprietor
Personal consulting business helping small business with computer installations, systems analysis, training, and strategic business planning. Developing business case analyses for academic publication and dissemination. (August 1997-Present)

Hughes Network Systems, Germantown, Maryland, Department Specialist, Operations
Master scheduler, new product development/prototyping project planner, capacity planner, inventory control coordinator, and ISO 9000 auditor for major manufacturer of electronics and network computer satellite systems. (August 1994-October 1996)

ITT Automotive, Culpeper, Virginia, Quality Control Intern for V. P. of Quality Assurance
Conducted operations systems analysis and implemented a Quality Assurance Database to: integrate engineering rejection notices & action reports, develop a supplier rating system, and provide lot by lot tracking of raw materials. (May 1994-August 1994)

INTELSAT, Washington D.C., Systems Engineering Intern Office of The VP & Information Officer
Assisted in providing engineering support within the business as well as engineering, environment. Evaluated and pursued new technology and introduced the applicable technology into INTELSAT's environment. (May 1993-August 1993)

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PUBLICATIONS

Textbooks and Textbook Chapters

Kros, J. F., Spreadsheet Modeling for Business Decisions 5th ed., Dubuque, IA: Kendall/Hunt, 2016.

Kros, J. F., and Brown, E. C., Health Care Operations and Supply Chain Management 1st ed., New York: JoseyBass-John Wiley & Sons, 2013.

Veney, J. F., Kros, J. F., and Rosenthal, D. A., Statistics for Health Care Professionals 3rd ed., New York: JoseyBass-John Wiley & Sons, 2015
Kros, J. F.

Brown, M., & Kros, J. F. Imprecise Data and the Data Mining Process, in The Encyclopedia of Data Warehousing and Mining, Hershey, PA: Idea Group, 2005.

Brown, M., & Kros, J. F. The Impact of Missing Data on Data Mining, in Data Mining: Challenges and Issues, Hershey, PA: Idea Group, 2003.

Selected Refereed Journals

Kros, J. F., Liao, Y., Kirchoff, J. F., Zemanek, J., "Traceability in the Supply Chain," International Journal of Applied Logistics, Forthcoming Spring 2019.

Kros, J. F., Kirchoff, J. F., & Falasca, M., "The Impact of Buyer-Supplier Relationship Quality and Information Management on Industrial Vending Machine Benefits in the Healthcare Industry," Journal of Purchasing and Supply Management, Available online July 6, 2018.

Dellana, S. & Kros, J. F., "ISO 9001 and Supply Chain Quality in the United States," International Journal of Productivity and Performance Management, 34 (6), 786-806, (2018).

Falasca, M. & Kros, J. F., "Success Factors and Performance Outcomes of Vending Systems: An Empirical Analysis," Technological Forecasting & Social Change, 126, 41-52, (2018).

Falasca, M. & Kros, J. F., "Performance Outcomes and Success Factors of Industrial Vending Solutions," International Journal of Operations & Production Management, 36(10), 1359-1381, (2016).

Falasca, M., Kros, J. F., and Kirchoff, J. F., "Industrial Vending Machines Dispense Sweet Inventory," Distribution Business Management Journal, 18, 67-71, (2015).

Nadler, S. S. & Kros, John F., "Logistic Regression Approach to Predicting Truck Driver Turnover," International Journal of Applied Logistics, 5(1), 16-33, January-March 2014

Dellana, S. & Kros, J. F. "An Exploration of Quality Management Practices, Perceptions & Program Maturity in the Supply Chain," International Journal of Operations and Production Management, 34 (6), 786-806, (2014).

East Carolina University Teaching and Grant Activity

Small Business and Technology Development Center, East Carolina University and US Small Business Administration faculty liaison grant to mentored MBA students in principles of Supply Chain Management, Total Funding \$1,000.

Awarded with Co-PI Dr. Jason Rowe, **NC Rural Center Grant entitled A Value-Added Business Analysis for North Carolina's Commercial Fishing Industry**, Fall 2012, Total Funding \$100,000.

East Carolina University Teaching Grantee (\$10,000 to 18,000 per grant): 2013-2014, 2011-2012, 2009-2010, 2007-2008, 2004-2005, 2003-2004

Presenter at the Division of Academic Affairs, Academic Outreach's Teaching with Technology: A Think-In of Best Practices, 2005, 2006, 2007, 2008, 2009, and 2010

Grant for TechMath Summer Workshop sponsored by the East Carolina University College of Business Center for Economic Education, Beth Eckstein, Director, June 2009. Presentation entitled "Advanced Use of Excel in the Classroom", \$1,000.

AWARDS, HONORS, and TRAINING

University Alumni Association Outstanding Teaching Award for 2013-2014

East Carolina University Scholar Teacher Award: 2004-2005 and 2009-2010

East Carolina University Commerce Club Teaching Excellence Award: 2006 & 2011

Max Ray Joyner Award for Outstanding Teaching in Distance Education Finalist: 2012 & 2010

Eagle Scout, w/Bronze and Gold Palms, Boy Scouts of America 1981

PROFESSIONAL AFFILIATIONS

Institute for Supply Management: Member, 2002-present

Council for Supply Chain Management Professionals: Member, 2002-present

Raleigh Roundtable CSCMP: Secretary, 2013-present

Eastern North Carolina Chapter ISM: Board Member, 2006-present

Delta Upsilon: President Texas Chapter (1989), Chapter Advisor San Jose (1990-1992) and Virginia (1992-1997)

Decision Sciences Institute: Member, 1995-present

INFORMS: Member, 1995-present