

Curriculum Vitae

David W. Weltman

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SUMMARY

David Weltman is an Associate Professor of Supply Chain Practice at the Neeley School of Business, Texas Christian University. He has over 15 years of business experience with IBM Corporation in Sales and Consulting Services primarily working with organizations in the distribution industry. He holds a Ph.D. in Business Statistics and Master of Science Degrees in Operations Research and in Information Systems. He has been teaching courses in Business Analytics, Supply Chain Management, Business Statistics, and Operations Management at the EMBA, MBA, and undergraduate levels both in the U.S. and abroad for over 15 years. He has been an active researcher and consults with various organizations in business applications of statistics and decision-making analysis. Additionally, he has received the Undergraduate Teaching Award for excellence in a core course across all Neeley school departments twice (2013-2014 and 2018-2019 academic years).

EDUCATION

Ph.D. in Business Statistics

University of Texas, Arlington, December 2007

Master of Science in Information Systems

University of Texas, Arlington, May 2006

Master of Science in Operations Research

Southern Methodist University, December 1986

Bachelor of Science in Engineering Management

Southern Methodist University, May 1984

IBM Corporation

(May 1987 – August 2002)

Over 2000 hours of Marketing, Distribution, Business, & Information Systems education including an invitation only course for professional development in strategic management at the Harvard Business School.

ACADEMIC APPOINTMENTS

2017 to Present, Associate Professor of Supply Chain Practice, Texas Christian University, MJ Neeley School of Business

2012 to 2016, Assistant Professor of Supply Chain Practice, Texas Christian University, MJ Neeley School of Business

2007 to 2012, Senior Lecturer in Operations Management and Applied Statistics, University of Texas at Arlington

1989 to 2006, Lecturer and Occasional Faculty, Texas Christian University, MJ Neeley School of Business

COURSES TAUGHT

- MBA and Executive MBA Courses
 - Business Analytics
 - Project Management
 - Business Statistical Analysis
 - Operations and Supply Chain Management
 - Management Information Systems
- Asia Executive MBA Program in Beijing, Shanghai, Taipei, and Shenzhen
 - Operations and Supply Chain Management
 - Project Management
 - Information Systems
- Undergraduate Business Courses
 - Honors Business Analytics
 - Supply Chain Management
 - Operations Management
 - Project Management
 - Business Statistical Analysis
 - E-Business

CURRENT ACADEMIC SERVICE

Lead and delivered an MBA Business Analytics Bootcamp, 2017, 2018, 2019

Associate Dean for Academic Affairs Recommendation Committee Member, 2018

Associate Dean for Undergraduate Programs Review Committee Member, 2018

Honors Thesis Committee Member advised and help direct an honors thesis for undergraduate students, 2018, 2019

Neeley Executive Insights, Business Analytics Featured Speaker, 2017

Business Analytics Guest Presentations to Neeley Fellows, 2017, 2018, 2019

University Wide Strategy Committee Member (Strengthen TCU Experience and Campus Culture), 2017

Neeley Distinguished Teacher Evaluation Committee, 2015, 2014

Supply Chain Professional Practice Professor Hiring Committee, 2015

Production and Operations Management (POMS) Annual Conference 2013, Session Chair, Teaching Knowledge Management and Learning

University of Minnesota, Supply Chain Management Case Competition 2013, 2014 and 2017. Prepared, hosted, and advised four top Neeley undergraduate Supply Chain Management students at a major business case competition. Eleven of the best Supply Chain Management programs in the U.S. were represented.

Supply Chain Management Guest Presentation to Neeley Fellows, 2013 and 2014

RESEARCH

Publications in Refereed Journals

Weltman, D., & Tokar, T. "Using a Monte Carlo Simulation Exercise to Teach Principles of Distribution: An Enhanced Version of the Classic Transportation Problem," *INFORMS Transactions on Education*, 2019, 19(3).

Weltman, D., Meade, L., & Jordan, P. "A Brief Review of Hands-On Exercises and a Description of an Application Oriented Workshop for Introductory Quality Control," *Operations Management Education Review*, 2018, 12.

Weltman, D., & Eakin, M. "Business Guidelines for Common Business Statistics Metrics," *Business Education Innovation Journal*, 2018, 10(2).

Weltman, D., "Using Monte Carlo Simulation with Oracle© Crystal Ball to Teach Business Students Hypothesis Testing Concepts and Type 1 Error," *Business Education Innovation Journal* 2017, 9(2).

Weltman, D., "Using Monte Carlo Simulation with Oracle© Crystal Ball to Teach Business Students Sampling Distribution Concepts," *Business Education Innovation Journal* 2015, 7(2).

Weltman, D., & Swink, M., "Numerous Sigma Level Tables Need Correction: Commonly Used Tables Ignore Permitted "Left-Side" Defects," *INFORMS Transactions on Education* 2015, 16(1).

Weltman, D., & Eakin, M., "Incorporating unusual fonts and planned mistakes in study materials to increase business student focus and retention," *INFORMS Transactions on Education* 2014, 15(1).

Weltman, D., & Prater, E., “Wait Just a Minute Professor We Have an Unstable Inventory System!” Experiences and Recommendations for Teaching Reorder Point Analysis with the Basic EOQ Model. Operations Management Education Review 2012, 6.

Weltman, D., & Whiteside, M., “Comparing the Effectiveness of Traditional and Active Learning Methods in Business Statistics: Convergence to the Mean,” Journal of Statistics Education 2010, 18(1).

Casper, W. J., Weltman, D.W., & Kwesiga, E., “Beyond family-friendly: The construct and measurement of singles-friendly work cultures,” Journal of Vocational Behavior 2007, 70(3).

Conference Presentations / Papers

Decision Sciences Institute annual conference (DSI) 2018

Weltman, D.W., “Using Monte Carlo Simulations to Teach Analytical Subjects; Examples in Supply Chain, Finance, and Statistics.”

Council of Supply Chain Management Professionals Annual Conference (CSCMP) 2015

Weltman, D., & Tokar, T., “Using Monte Carlo Simulation to Teach Business Students an Updated Classic Transportation Problem in Supply Chain and Operations Management.”

Production and Operations Management Society (POMS) 2013

Weltman, D.W., “An Online Active-Learning Workshop to Introduce Quality Analysis.”

Decision Sciences Institute annual conference (DSI) 2011

Weltman, D.W., and Eakin, M., “Do Planned Mistakes in Study Material Increase Student Focus and Scores?”

Forthcoming in 2019

Decision Sciences Institute annual conference (DSI) 2019

Weltman, D.W., “Monte Carlo Simulation for Teaching Distributions of Common Test Statistics in Hypothesis Testing.”

INDUSTRY AND PROFESSIONAL EXPERIENCE

IBM Corporation

Senior Account Manager, Management Consultant, Marketing Representative

May 1987 – August 2002

- Achieved the highest levels of customer satisfaction with important IBM clients.
- Assisted clients in making major technology changes in their organization for increased effectiveness.
- Consulted with hundreds of executives in large and small organizations.
- Facilitated client executive planning sessions.
- Executed plans to improve IBM's presence in organizations.
- Mentored new employees.
- Received numerous awards for excellence and sales leadership at IBM.

Consulting Clients Include

- PFSWeb, Plano, TX
 - Development of a strategic partnership with IBM Global Services to joint market significant logistic services solutions.
 - Contributed to securing a large internet fulfillment contract.
 - Information technology planning and implementation.
 - High availability planning and implementation.
- Texaco Corporation, Houston, TX
 - IBM outsourcing, development of on an information technology transition plan in the area of desktop services.
- Glazer's Distributors, Dallas, TX
 - Planning and implementation of distributed computing to significantly improve distribution center productivity.
- Dean Foods, Dallas, TX
 - Technology planning in the area of logistics through the use of distributed systems and JD Edwards enterprise resource planning software.
 - Business analysis via industry leading benchmarks.
- TTI, Fort Worth, TX
 - Planning for the implementation of a ultra-thin client computing platform to decrease computing costs and improve the management of information systems.
 - Planning and implementation for highly available systems.
- LSG Sky Chefs, Dallas, TX
 - Led executive planning sessions using the joint application design (JAD) methodology.
- Brazos Electric, Waco, TX
 - Development of requirements for a new enterprise resource planning system. Vendor and application selection.
 - Amdahl Corporation, Dallas, TX
 - Developed and implemented a forecasting system.
 - Worked with senior executives and faculty at SMU to develop a plan for the implementation important new technologies.