

Kurt Hozak, Ph.D., CPIM, CIRM
Associate Professor of Operations Management

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EDUCATION

Ph.D., The Ohio State University, Columbus, OH, Operations Management, 2007
Dissertation: RFID as an Enabler of Improved Manufacturing Performance

M.A., The Ohio State University, Columbus, OH, Business Administration, 2005

B.S., Western Michigan University, Kalamazoo, MI, Student Planned Curriculum (based on Integrated Supply Management), 1995

CERTIFICATIONS

Certification in Production and Inventory Management (CPIM) by APICS, 1996-Present

Certification in Integrated Resource Management (CIRM) by APICS, 1997-Present

ACADEMIC EXPERIENCE

Coastal Carolina University

Associate Professor, Management and Decision Sciences Department, 2016 – present

Assistant Professor, Management and Decision Sciences Department, 2010 – 2016

Indiana State University

Assistant Professor, Analytical Department, 2007 – 2010

The Ohio State University

Teaching/Research Assistant, Management Sciences Department, 2002 – 2007

COURSES DELIVERED AT COASTAL CAROLINA UNIVERSITY

Operations and Global Supply Chain Management (MBA 605)

Operations Management (CBAD 364/475)

Decision Analysis (CBAD 292)

PUBLICATIONS

Hozak, K. (2019). Teaching Decomposition Forecasting Models Using an Excel-Based Spreadsheet Application with Solver and Randomization. *International Journal of Innovation and Learning*, 26(4), 407-425.

Hozak, K. & Olsen, E.O. (2019). Lean Habits. *International Journal of Business Excellence*, 19(3), 305-322.

Hozak, K. (2018) An Innovative Spreadsheet Application to Teach Management Science Decision Criteria, *International Journal of Information and Communication Technology Education*, 14(3), 108-117.

Hozak, K., & Awe, O. (2018) Finding the RFID Signal in the Noise, *RFID Journal*.

Kenyon, G.N., Sale, R.S., Hozak, K., & Chiou, P. (2016). Development of the Yield-Based Process Capability Index C_{py} to Flexibly and Accurately Measure Conformance. *International Journal of Quality & Reliability Management*, 33(7), 882-899.

Hozak, K., & Sale, R. S. (2015). Sales and Operations Planning (S&OP) Spreadsheet Homework. *International Journal of Information and Operations Management Education*, 6(1), 1-13.

Hozak, K., & Olsen, E.O. (2015). Lean Psychology and the Theories of “Thinking, Fast and Slow”. *International Journal of Lean Six Sigma*, 6(3), 206-225. The article was selected by the journal’s editorial team as a Highly Commended Paper in the 2016 Emerald Literati Network Awards for Excellence.

Hozak, K. (2013). Comparison of Different Types of Variability When Using Lot Splitting in a Dynamic Open Job Shop. *International Journal of Advanced Operations Management*, 5(3), 199-220.

Hozak, K. (2013). Innovative Manufacturing Execution System Reduces Barriers to RFID Adoption in South China. *RFID Journal*.

Hozak, K. (2012). Lean and Six Sigma Create Valuable Synergies for RFID Adopters. *RFID Journal*.

Hozak, K. (2012). Managerial Guidance for Applying RFID in the Tourism Industry. *Interdisciplinary Journal of Contemporary Research in Business*, 4(2), 18-30.

Hozak, K. (2012). Lessons Learned From ERP Can Help Drive RFID Adoption. *RFID Journal*.

Hozak, K. (2012). RFID Applications in Tourism. *International Journal of Leisure and Tourism Marketing*, 3(1), 92-108.

Hozak, K. (2011). RFID Research Supports Real-World Experimentation. *RFID Journal*.

Hozak, K. & Hill, J. A. (2010). The Material Handling Trade-Off When Lot Splitting with RFID in a Job Shop. *International Journal of Production Research*, 48(9), 2723-2743.

Hozak, K. (2009). An Entertaining Software Application to Teach the Critical Path Method. *Decision Sciences Journal of Innovative Education*, 7(2), 429-432.

Hozak, K. & Hill, J. A. (2009). Issues and Opportunities Regarding Replanning and Rescheduling Frequencies. *International Journal of Production Research*, 47(18), 4955-4970.

Hozak, K. & Collier, D. A. (2008). RFID as an Enabler of Improved Manufacturing Performance. *Decision Sciences Journal*, 39(4), 859-881.

PROFESSIONAL WORK EXPERIENCE

Operations and Information Technology Consultant and Entrepreneur (2000 - 2007)

- Cofounded and founded LLCs to provide ERP consulting.
- Resolved inventory inaccuracy issues caused by another vendor's poor integration of radio frequency (RF) bar coding devices with the ERP system.
- Developed online inventory control training material used by Accenture.
- Analyzed, designed, developed, tested, and documented ERP functionality as a lead consultant for Navistar, Solectron, and IBM.

RFID Analyst / Consultant, Navistar (2005 - 2007)

- Worked directly with the Corporate Information Technology Architect to help create business-case and technical analyses for manufacturing, supply chain, and service applications of RFID.
- Analyzed RFID issues related to Navistar's contract with the Department of Defense (DoD) for the Mine Resistant Ambush Protected (MRAP) vehicle.

Software Engineer and Senior Special Projects Engineer, Baan Company (1997 - 2000)

- Recognized as the lead software engineer in the United States for MRP, MPS, and application parallel processing functionality in Baan IV and Baan 5.
- Supported customers on-site for complex and strategically important issue resolution.

Application Consulting Specialist, PowerCerv Corp. (1996 - 1997)

- Delivered ERP implementation services, specializing in the distribution module.
- Created gap analyses, enhancement documents, and cross-functional process maps.

Analyst, Andersen Consulting (1995 - 1996)

- Designed, developed, tested, and documented client/server and batch modules in C.
- Served as client/server technical adviser / faculty member at international training center.

SERVICE

Service to Coastal Carolina University

Department Assignments

2018-Present: Faculty Mentor
2017-Present: CBAD 364 Course Coordinator
2019: Member, Department P&T Committee
2015-2016: Chair, Decision Sciences / Operations Management Faculty Search Committee
2014-2015: Member, Management Information Systems Faculty Search Committee
2014-2015: Member, Operations and Technology Management Faculty Search Committee
2013-2014: Member, Management Information Systems Faculty Search Committee
2011 – 2012: Member, Management Major Core Committee
2011: Co-Chair, CBAD 292 Revisions Committee
2011: Co-Chair, CBAD 475 Revisions Committee
2011: Member, Operations and Technology Management Concentration Committee

College Assignments

2019-Present: Member, Wall Advisory Committee
2016-2018: Chair, Strategic Planning Committee
2015-2016: Member, Strategic Planning Committee
2015: Member, Wall Professorships Taskforce
2014-2015: Member, Wall Fellows Committee
2012-2014: Member, Faculty Policies Committee
2012-2014: Member, Wall Center of Excellence Faculty Advisory Committee
2013: Member, Business Math Taskforce
2012: Member, Assistant Accounting Professor Search Committee
2012: Member, Management: Human Resources Lecturer Search Committee

University Assignments

2018-2019: Member, Distance Learning Committee
2015-2018: Member, Faculty Senate
2013-2016: Member, University Calendar Committee

Service to the Profession

Reviewer - Article / Manuscript

2019: Management Research Review
2016, 2019: Coastal Business Journal
2007 – 2013, 2016, 2017: International Journal of Production Research
2014: Decision Sciences Journal of Innovative Education
2013: Southeast INFORMS Conference

2011: Decision Sciences Journal
2011: Southeast Decision Sciences Institute Conference
2010: Journal of Operations Management

Conference Track Chair

2012-2014: Healthcare / Pharmaceutical track, RFID Journal LIVE!
2014: Near Field Communication (NFC) track, RFID Journal LIVE!

Paid Professional Service

2016, 2019: McGraw-Hill. I provided feedback about their courseware.

Service to the Community

2011-2012: Huntington Beach State Park

AWARDS

2020: Vereen Teaching Impact Award

2017: William J. Baxley, Jr. Applied Business Professor

2016: Lean Psychology and the Theories of “Thinking, Fast and Slow” was selected by the *International Journal of Lean Six Sigma*’s editorial team as a Highly Commended Paper in the 2016 Emerald Literati Network Awards for Excellence.

2013: James P. and Elizabeth R. Blanton College of Business Leadership Professor

2011: Third Place, AVX Corporation Business Paper Competition