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Director, Center for Innovation & Technology
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Degrees Earned

Ph.D. University of Texas, Arlington, Texas, Information Systems and Production Operations Management, 2006

M.B.A. Sam Houston State University, Huntsville, Texas, Business Administration, 1998

B.B.A. Sam Houston State University, Huntsville, Texas, General Business Administration, 1997

Professional Licensures and Certificates

Project Management Professional, PMP, 1600431, 2013,

Continuing Education Completed and certification renewed 2016.

RFID + Certified Professional, COMP001008836314, 2009

Peer-Reviewed Publications

Articles

Zelbst, P.J., Sower, V.E., Green, K.W. & Bonds, P. (Under Review, 2018). The Impact of RFID, IIoT, and Blockchain on Supply Chain Transparency. *International Journal of Production Research*.

Sower, V.E., Zelbst, P.J., Green, K.W. & Bonds, P. (forthcoming, 2018). RFID: Slower Growth or Different Drivers. *Inside Supply Management*.

Inman, A., Green, K. W., Zelbst, P.J., & Sower, V. E. (Under Review, 2018). Comprehensive Production and Operations Management Model, **Revise & Resubmit**, *Supply Chain Management: An International Journal*.

Green, K. W., Inman, R.A, Zelbst, P.J., & Sower, V.E. (forthcoming, 2018). Impact of JIT and TQM on Environmental Sustainability, *Journal of Manufacturing Technology Management*.

Sower, V.E., Green, K.W., & Zelbst, P.J. (2017). Demolish Silos in Total Quality Management. *APICS Magazine September/October*.

Sower, V.E., Green, K.W., & Zelbst, P.J. (July 2016). Dead or Alive: Testing Fundamental Quality Concept's Validity and Vitality. *Quality Progress (American Society for Quality)*. July Issue.

Green, K.W., Zelbst, P.J., Sower, V.E., & Bellah, J.C., (2016) Impact of RFID Technology on Environmental Sustainability, *Journal of Computer Information Systems*, September, 1-9.

Zelbst, P. J., Green, K. W., Sower, V. E., & Abshire, R. D. (2014). Impact of RFID and Information Sharing on JIT, TQM, and Operational Performance. *Management Research News*, 37(11), 970-989.

Bellah, J. C., Sower, V. E., Zelbst, P. J., & Green, K. W. (2013). RFID and Environmental Sustainability: An Unlikely Partnership. *RFID Journal*.¹

Bellah, J. C., Zelbst, P. J., & Green, K. W. (2013). Unique TQM Practices and Logistics Performance. *International Journal of Productivity and Quality Management*, 12 (1), 61-76.

Bellah, J. C., Li, K., Gu, Q., & Zelbst, P. J. (2013). Use of RFID Technology for Automatic Job Costing. *International Journal of Information Systems and Social Change*, 4 (3), 72-88.

Meacham, J., Bhadauria, V., Green, K. W., & Zelbst, P. J. (2012). Do Environmental Collaboration and Monitoring Enhance Organizational Performance? *Industrial Management & Data Systems*, 112 (2), 186-205.

Green, K. W., Zelbst, P. J., Meacham, J., & Vikrem, B. (2012). Green Supply Chain Management Practices: Impact on Performance. *Supply Chain Management: An International Journal*, 17 (3), 290-305.³

Sower, V. E., Green, K. W., Zelbst, P. J., & Thomas, M. (2012). U.S. Manufacturers Report Greater RFID Usage. *RFID Journal*.

Zelbst, P. J., Green, K. W., Sower, V. E., & Reyes, P. (2012). The Impact of RFID Utilization on Manufacturing Effectiveness and Efficiency. *International Journal of Operations and Production Management*, 32 (3), 329-350.²

Sower, V. E., Zelbst, P. J., & Gu, Q. (2012). The Usage of Benchmarking to Improve Supply Chain Performance. *Production and Inventory Management Journal*, 48 (1), 6-14.

Whitten, D., Green, K. W., & Zelbst, P. J. (2012). Triple-A Supply Chain Performance. *International Journal of Operations and Production Management*, 32 (1), 28-48. ²

Zelbst, P. J., Green, K. W., Sower, V. E., & Abshire, R. D. (2011). Radio Frequency Identification Technology Utilization and Organizational Agility. *Journal of Computer Information Systems*, 52 (1), 24-33.

Zelbst, P. J., Frazier, G. V., & Sower, V. E. (2010). A Cluster Concentration Typology for Making Location Decisions. *Industrial Management and Data Systems*, 110 (6), 883-907.

Zelbst, P. J., Green, Jr., K. W., Abshire, R. D., & Sower, V. E. (2010). Relationships among Market Orientation, JIT, TQM, and Agility. *Industrial Management & Data Systems*. 110(5), 637-658.

Li, K., Zelbst, P., Gu, Q., & Bellah, J. (2010). Warranty Designs in Duopoly. *International Journal of Business Research*, 10(6), 144-150.

Warner, J., Gu, Q., Glissmeyer, M., & Zelbst, P. J. (2010). When Project Failure is a Success: An Experiential Approach in the Classroom. *International Journal of Management in Education*, 4 (4), 446-462.

Zelbst, P. J., Green, K. W., & Sower, V. E. (2009). Impact of RFID Technology Utilization on Operational Performance. *Management Research News*, 33(10), 994-1004.

Zelbst, P. J., Green, K. W., Sower, V. E., & Reyes, P. (2009). Impact of Supply Chain Linkages on Supply Chain Performance. *Industrial Management & Data Systems*, 109 (5 & 6), 665-682.

Zelbst, P. J., Green, K. W., Sower, V. E., & Baker, G. (2009). RFID Utilization and Information Sharing: The Impact on Supply Chain Performance. *Journal of Business & Industrial Marketing*, 25 (8), 582-589.

Zelbst, P. J., Sower, V. E., & Green, K. W. (2008). An Experiential Approach to Develop Understanding of RFID Technology. *International Journal of Management in Education*, 2 (4), 419-431.

Carter, C. R., Sanders, N. R., Dong, Y.: Green, K., Zelbst, P.J. & Sower, V.E. (2008). OSM Forum Response. *Journal of Operations Management*, 26, 693-696.

Lilly, J. D., Kavanaugh, J. K., Zelbst, P. J., & Duffy, J. (2008). The Impact of Human Resource Practices on Low-income Workers in the Context of a Natural Disaster. *Journal of Behavioral and Applied Management*, 110-136.

¹Translated and published in a Korean Journal

²Two articles identified by IJOPM as the most downloaded in 2012

³Cited over 500 times, chosen by Emerald as a “Gem” in 2015, Republished by Emerald as a book chapter (see in Section titled Chapters)

National Poster Presentation

Turner, J., Baldwin, R., Golightly, S., Zelbst, P & Yu, J.C. (2018). Potential Impact and Application of 3D scanning, 3D Modeling and 3D Printing in Toolmark Examination, *American Academy of Forensic Sciences*.⁶

Patents & Copyrights

Zelbst, P.J., Golightly, S. L., McCullough, D., Reynolds, M. (2016). Personal Hygiene Assist Device, US 20170202340A1.

Zelbst, P.J. (Copyright 2017). Project Management Framework Gamification.

Troianello, T., Golightly, S., Zelbst, P., (2018). Front Leaning Rest (FLR) Platforms. US 20180250547A1

Book

Zelbst, P. J. & Sower, V. E. (2012). *RFID for the Operations and Supply Chain Professional*. New York, New York: Business Expert Press.

Zelbst, P. J. & Sower, V. E. (2016). *RFID for the Operations and Supply Chain Professional*. 2nd Edition. New York, New York: Business Expert Press.

Chapters

Refereed

Green, KW, Zelbst, PJ, Meacham, J & Bhadauria, VS, (2015), *A Focus on Sustainable Supply Chains and Green Logistics*, Emerald Gem, Green Supply Chain Management Practices: Impact on Performance, pp 1-32, Emerald: UK.

Duffy, J. & Zelbst, P. (2000). Financial Challenges Facing Women Entrepreneurs: An Exploratory Cross-National Study. In Mastorakis (Ed.), *Mathematics and Computers in Modern Science* (pp. 239-243). Athens, Greece: World Scientific and Engineering Society.

Proceedings

Full Paper

Zelbst, P. J., Green, K. W., Sower, V. E., & Abshire, R. D. (2012). Impact of RFID and Information Sharing on JIT, TQM, and Operational Performance. *Southwest Decision Sciences Institute*.

Li, K., Gu, Q., Bellah, J. C., & Zelbst, P. J. (2011). Active Learning in Operations Management Class: An X-bar Chart Experiment. *Southwest Academy of Management*.

Zelbst, P. J., Green, K. W., Sower, V. E., & Abshire, R. D. (2011). Impact of RFID Technology Utilization on Organizational Agility. *Southwest Academy of Management*.

Warner, J., Zelbst, P. J., Gu, Q., & Glissmeyer, M. (2011). Service Learning Projects-If a Client Quits Does the Learning Stop? Evidence from a Grounded Theory Analysis. *Southwest Decision Sciences Institute*.

Green, K. W., Zelbst, P. J., Meacham, J., & Bhadauria, V. (2011). Do Green Supply Chain Management Practices Improve Organizational Performance? *Southwest Decision Sciences Institute*.

Zelbst, P. J. & Lilly, J. (2011). Innovation and New Product Development: The Story of the Align Drive. *Southwest Case Research Association Annual Meeting*.

Zelbst, P. J., Green, K. W., Sower, V. E., & Reyes, P. (2009). Supply Chain Linkages: Power, Benefits, and Risk Reduction. *Southwest Decision Sciences Institute*.

Zelbst, P. J., Frazier, G. V., & Sower, V. E. (2009). An Improved Cluster Concentration Typology for Examining the Fit between Organizational Needs and Cluster Concentration Characteristics in Location Decision Making. *Southwest Academy of Management*, Oklahoma City, Oklahoma.⁴

Zelbst, P. J. & Kavanaugh, J. K. (2009). Southwest Beverage Container Corporation (SBCC). *North American Case Research Association*.

Lilly, J., Kavanaugh, J., Zelbst, P., & Duffy, J. (2007). The Impact of HR Practices in the Context of a Catastrophic Disaster: Evidence from Hurricanes Katrina and Rita. *Western Academy of Management Conference*.

Zelbst, P. J. & Torrez, B. (2006). Quake, Rattle & Explode: A Supply Chain Network Typology Derived from the Geological Theory of Plate Tectonics. *Southwest Academy of Management Conference*.

Zelbst, P. J. (2005). Would International Benchmarking in Services Provide a Competitive Advantage? *Southern Management*.

Zelbst, P. J. (2004). The Effect of Liquidity Stress on the Entrepreneurial Organization in Relation to the Determinants of Strategy. *Southwest Academy of Management Conference*.

Zelbst, P. J. & Frazier, G. (2004). A Discussion of Inconsistency of Meaning or Terms in Strategy: Components, Characteristics, and Tools. *Decision Sciences Institute Annual Meeting*.

Jiang, B. & Zelbst, P. (2004). The Decision Making on an In-House Logistic Division's Operation Strategies. *Southeast Decision Sciences*.

Zelbst, P. & Duffy, J. (2000). An Exploratory Cross-National Study of Women Entrepreneurs. *Allied Academies International Conference*, 6 (2), Academy of Entrepreneurship, 49-53.

⁴ Best Paper in the Technology, Innovation and Operations Management Track

Abstract Only

Turner, J.G., Baldwin, R., Golightly, S., Zelbst, P.J. & Yu, J.C.C. (2017). Examination of Striations on Bullets Discharged from 3D Printed Metallic Gun Barrels. *AAFS Annual Meeting*.⁵

Zelbst, P. J., Green, K. E., Abshire, R. D., & Sower, V. E. (2009). Marketing Orientation, JIT, TQM, Agility, Operational Performance and Logistical Performance. *Decision Sciences Institute Annual Meeting*.

Zelbst, P. J., Gu, Q., Warner, J., & Glissmeyer, M. (in press, 2009). Experiential Approach: Taking Students to the Level of Insight using RFID Projects. *Decision Sciences Institute Annual Meeting*.

Lilly, J., Baker, G., & Zelbst, P. (in press, 2006). Do Students Learn More When They Write? *Decision Sciences Institute Annual Meeting*.

Zelbst, P. J., Lilly, J., & Davis, C. (in press, 2006). The Students View of Writing: A Reflective Evaluation. *Decision Sciences Institute Annual Meeting*.

⁵ Cross-disciplinary research with Dr. Yu from the College of Criminal Justice, SHSU, Houston Crime Lab and SHSU Student.

Papers in Progress

Zelbst, P.J., Green, K.W., Sower, V.E. (2018). Comprehensive Model for IIoT and RFID Usage and the Impact on Operational, Organizational, Logistics and Supply Chain Performance targeted for Supply Chain Management: An International Journal.

Zelbst, P.J. Adeleke, A., Golightly, S. & Hegel, Q. (2018). Best Practices for RFID Hotel Key Cards, targeted for Journal of Hospitality & Tourism.

Zelbst, P.J., Sower, V.E., Green, K.W., Bond, P. (2018) The Impact of RFID, IIoT and Blockchain Technologies on Supply Chain Transparency targeted for Journal of Operations Management.

Paper Presentations

National

Bellah, J. C., Warner, J., Wipawaykool, K., & Zelbst, P. J. (2012). *Seeing Your Prospects Clearly: A Methodology for Tracking Data Visualization*. Decision Sciences Institute Annual Meeting, San Francisco, CA, United States of America.

Warner, J., Zelbst, P. J., Glissmeyer, M., & Gu, Q. (2010). *When Clients Quit Does Learning Stop? An Examination of Experiential Learning*. Decision Sciences Institute Annual Meeting, San Diego, CA, United States of America.

Warner, J., Gu, Q., Glissmeyer, M., & Zelbst, P. J. (2009). *Experiential Approach: Taking Students to the Level of Insight Using RFID Projects*. Decision Sciences Institute Annual Meeting, New Orleans, LA, United States of America.

Zelbst, P. J., Green, K. W., Abshire, R. D., & Sower, V. E. (2009). *Marketing Orientation, JIT, TQM, Agility, Operational Performance and Logistical Performance*. Decision Sciences Institute Annual Meeting, New Orleans, LA, United States of America.

Zelbst, P. J., Frazier, G., & Sower, V. (2007, November). *Cluster Concentrations: A Typology Developed and Tested from the Macro Perspective*. Decision Sciences Institute Annual Meeting, Phoenix, Arizona.

Zelbst, P. J. (2007, February). *Attractiveness as an Element of Strategic Decision Making: The Effects of Infrastructure Dynamics*. American Society of Business and Behavioral Sciences Conference, Las Vegas, Nevada.

Zelbst, P. J. (2006, November). *The Evolution of Concentration Infrastructure*. Decision Sciences Institute Annual Meeting, San Antonio, Texas.

Zelbst, P. J. & Frazier, G. (2004, November). *A Discussion of Inconsistency of Meaning or Terms in Strategy: Components, Characteristics, and Tools*. Decision Sciences Institute Annual Meeting, Boston, Massachusetts.

Regional

Zelbst, P.J. (September 2018). The Role of Augmented Reality in an Online Learning Environment. 2018 FEA/ABE Annual Conference. San Antonio, Texas.

Yu, C.C. & Zelbst, P.J. (2017). The Impact of 3D Printing Technology on the Foundational Questions in Firearm Examination. Forensic Science Conference, Houston, Texas.⁶

Warner, J., Gu, Q., Glissmeyer, M., & Zelbst, P. J. (2010). *When Project Failure is a Success: An Experiential Approach in the Classroom*. Southwest Academy of Management, Dallas, Texas.

Zelbst, P. J., Green, K. W., Sower, V. E., & Baker, G. (2009, February). *RFID Utilization and Information Sharing Impact on Supply Chain Performance*. Association of Collegiate Marketing Educators, Oklahoma City, Oklahoma.

Zelbst, P. (2005, November). *Would International Benchmarking in Services Provide a Competitive Advantage?* Southern Management, Charleston, South Carolina.

Zelbst, P. J. & Torrez, B. (2005, March). *Quake, Rattle & Explode: A Supply Chain Network Typology Derived from the Geological Theory of Plate Tectonics*. Southwest Academy of Management Conference, Dallas, Texas.

Jiang, B. & Zelbst, P. (2004, March). *The Decision Making on an In-House Logistic Division's Operation Strategies*. Southeast Decision Sciences, Charleston, South Carolina.

Zelbst, P. J. (2004, March). *The Effect of Liquidity Stress on the Entrepreneurial Organization in Relation to the Determinants of Strategy*. Southwest Academy of Management Conference, Orlando, Florida.

⁶ **Cross-disciplinary research with Dr. Yu from the College of Criminal Justice, SHSU**