

Pamela J. Zelbst, Ph.D.
Distinguished Professor
Supply Chain Management
Co-Director, SHSU Center for Innovation, Technology & Entrepreneurship
Management, Marketing, & Information Systems Department
College of Business Administration
Sam Houston State University

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 2022.

RFID + Certified Professional, COMP001008836314, 2009

United States Patents

Zelbst, P.J., Golightly, S. L., McCullough, D., Reynolds, M. (2018). Personal Hygiene Assist Device, US 20170202340A1. Full Patent Issued.

Troianello, T., Golightly, S., Zelbst, P., (2020). Front Leaning Rest (FLR) Platforms. US 10,682,545. Full Patent Issue.

Dissertation

Zelbst, Pamela J. (2006). A Typology of Cluster Concentrations Based on Factor Conditions of Production and the Evolution of Supply Chain Infrastructures.

Awards

2023: Distinguished Professor, Sam Houston State University

2023: Association of Supply Chain Management (Houston), Faculty Partner of the Year 2023: Special Award. “ For Outstanding Support and Collaboration in our Technology Innovation Summit as well as Bringing Technological Advances to our Supply Chain and Operations Community in Houston.”

2022: Recognition for Leadership in the 2022 Technology Summit for Association of Supply Chain Management

2020: University Excellence in Service Award

2019: Recognition for Leadership in the 2019 Technology Summit for Association of Supply Chain Management

2018: Faculty Service Award for the Department of Management, Marketing & IS.

2016: Faculty Excellence Award for the College of Business Administration. College of Business Administration, Sam Houston State University. The Faculty Excellence Award from the College of Business Administration is given to one recipient each year. First faculty member to receive the award twice. Award received Fall of 2017.

2010: Faculty Excellence Award for the College of Business Administration. College of Business Administration, Sam Houston State University. The Faculty Excellence Award from the College of Business Administration is given to one recipient each year. Award received Fall of 2011.

Honors

2019: Nominee for SHSU Excellence in Research Award.

2017: Nominee for SHSU Excellence in Service Award.

2015: Finalist for Huntsville, TX Educator of the Year.

2010-2020: Nominee for SHSU Excellence in Teaching Award each year.

2013: Nominee for SHSU Excellence in Service Award.

2013: Nominee for SHSU Excellence in Scholarly and Artistic Accomplishment Award.

2014: Nominee for Bobby G. Bizzell Innovative Achievement Award (Southwest Business Deans' Association)

2011: Recognition and Appreciation for Service. Southwest Academy of Management. Recognition for service from 2007-2011 as secretary for SWAM.

2010: Awarded Coin. 3rd ACR, K Troop, Ft. Hood, Texas.

2009: Certificate of Appreciation. Lightning Troop, Thunder Squadron. Given for support of returning soldiers coming home from Iraq.

2009: Bearkat Battalion, ROTC, Sam Houston State University. Awarded for service and support of the Bearkat ROTC Battalion

2009: Best Paper in the Technology, Innovation and Best Paper Track. Southwest Academy of Management. Best Paper Award in the Technology, Innovation and Operations Management Track

Peer-Reviewed Publications Articles

Liu, K., Yang, L., Zhang, J. & Zelbst, P.J. (Under review, 2023) Inventory Management with Palletized Transportation and Lost Sales. *European Journal of Operations Research*. *Journal Information: ABDC Ranking of A*, Impact Factor 6.363, Cite Score 2023 10.5, Indexed in Science Citation Index Expanded.*

Zelbst, P.J., Yang, L., Green, K.W., Jr. & Sower, V.E. (Accepted 2023) Linkages Between Technologies and Supply Chain Performance: Benefits, Power and Risk Reduction. *Supply Chain Management: An International Journal*. *Journal Information: ABDC Ranking of A, 5-year Impact Factor 7.462, Cite Score 2018 5.91, Indexed, Abstracted and Ranked in Scopus, Cabell's, BFI, FNEGE, INSPEC.*

Safa, M., Green, K.W. Jr., Zelbst, P.J., & Sower, V.E. (2022) Enhancing Supply Chain Through Implementation of Key IIoT Technologies. *Journal of Computer Information Systems*.

Journal Information: ABDC Ranking A, Impact Factor 5.0, Indexed in Clarivate and Scopus

Sower, V.E. & Zelbst, P.J. (March 2022) Are We Technologists or Supply Chain Managers? *Inside Supply Management Magazine*, (March/April 2022).

Practitioner Article

Turner, J., Baldwin, R., Li, S.Y., Golightly, S., Zelbst, P.J. & Yu, J.C. (2021). Potential Impacts of 3D Modeling and 3D Printing in Firearm Toolmark Examinations. *Journal of Forensic Sciences*.

Journal Information: SJR (Q2 .715), H-Index 96, Impact Factor 1.82, Abstracted and Ranked in Scopus.

Sower, V.E., Zelbst P.J., Green, K.W. & Safa, M. (January 2021). Performance Boost: The Importance of Taking a Systems Approach to Supply Chain Technologies. *Inside Supply Management*.

Practitioner Article

Sharma, N., Safa, M., & Zelbst, P. (2021). Information-Driven Model for Managing Supply Chain in a Catastrophic Event. *Journal of Operations & Strategic Planning*.

Journal Information: Sage Publication Ranking of C, Indexing, Portico, J-Gate, Dutch-KB.

Scopus, Clarivate

Zelbst, P.J., Sower, V.E., Green, K.W. & Bonds, P. (2020). The Impact of RFID, IIoT and Blockchain on Supply Chain Transparency. *Journal of Manufacturing Technology Management. Journal Information: ABDC Ranking of B, Impact Factor 2.642, Cite Score 2018 3.92, Indexed and Abstracted in ABI/Inform, Cabell, Ranked in Scopus and Clarivate Analytics.*

Sower, V.E., Zelbst, P.J., Green, K.W. & Bonds, P. (2019). Can Different Drivers Push the Pedal for RFID? *Inside Supply Management*, 30(5), 1-4.

Practitioner Article

Inman, R. A., Green, K. W., Zelbst, P.J., & Sower, V. E. (2019). Comprehensive Supply Chain Management Model, *Supply Chain Management: An International Journal*, 24(5), 590-603.

Journal Information: ABDC Ranking of A, 5-year Impact Factor 7.462, Cite Score 2018 5.91, Indexed, Abstracted and Ranked in Scopus, Cabell's, BFI, FNEGE, INSPEC.

Green, K. W., Inman, R.A, Zelbst, P.J., & Sower, V.E. (2019). Impact of JIT and TQM on Environmental Sustainability, *Journal of Manufacturing Technology Management*, 30(1), pp 2647.

Journal Information: ABDC Ranking of B, Impact Factor 2.642, Cite Score 2018 3.92, Indexed and Abstracted in ABI/Inform, Cabell, Ranked in Scopus and Clarivate Analytics.

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

Practitioner Article

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.

Practitioner Article

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. *Journal Information: ABDC Ranking of A, SJR H-Indexed= 55, Cite Score 2.46, Abstracted and Indexed in EBSCO, Scopus, Proquest.*

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.

Journal Information: ABDC Ranking of C, RG Journal Impact Score 6.0, Cite Score 2018

1.9, Indexed and Abstracted in ABI, Cabell's, EBSCO, Scopus, Ranked in ABS BFI.

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

Practitioner Article

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.

Journal Information: ABDC Ranking of C, Cabell's, Scopus, SJR H-Index= 23. 11-20% Acceptance Rate.

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.

Journal Information: ABDC ranking of C, Indexed in Cabell's, Beacons, DBLP, and AMC Digital Library.

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. *Journal Information: ABDC ranking of A. 5-year Impact factor of 3.418, Cite Score 2018 4.95, Indexed in ABI/INFORM, Cabell's. Ranked in ABS, BFI, CNRS, Scopus.*

Green, K. W., Zelbst, P. J., Meacham, J., & Bhadauria, V. (2012). Green Supply Chain Management Practices: Impact on Performance. *Supply Chain Management: An International Journal*, 17 (3), 290-305.

Journal Information: ABDC Ranking of A, 5-year Impact Factor 7.462, Cite Score 2018 5.91, Indexed, Abstracted and Ranked in Scopus, Cabell's, BFI, FNEGE, INSPEC.

Cited over 1600 times, chosen by Emerald as a “Gem” in 2015, Republished by Emerald as a book chapter (see in Section titled Chapters).

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

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.

Journal Information: ABDC Ranking of A. 5-year Impact Factor 3.418, Cite Score 2018 4.95, Indexed in ABI/INFORM, Cabell's. Ranked in ABS, BFI, NRS, SCJE, Scopus. Two articles identified by IJOPM as the most downloaded in 2012.

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. *Journal Information: ABDC Ranking of B. H-Index=29.*

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. *Journal Information: ABDC Ranking of A. 5-year Impact Factor 3.418, Cite Score 2018 4.95, Indexed in ABI/INFORM, Cabell's. Ranked in ABS, BFI, NRS, SCJE, Scopus. Article identified by IJOPM as the most downloaded in 2012.*

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.

Journal Information: ABDC Ranking of A, SJR H-Indexed= 55, Cite Score 2.46, Abstracted and Indexed in EBSCO, Scopus, Proquest.

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.

Journal Information: ABDC ranking of A. 5-year Impact factor of 3.418, Cite Score 2018 4.95, Indexed in ABI/INFORM, Cabell's. Ranked in ABS, BFI, CNRS, Scopus.

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.

Journal Information: ABDC ranking of A. 5-year Impact factor of 3.418, Cite Score 2018

4.95, Indexed in ABI/INFORM, Cabell's. Ranked in ABS, BFI, CNRS, Scopus.

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

Journal Information: Indexed in OCLC, AEA, ICI.

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.

Journal Information: Indexed in Scopus, Impact Factor 1.05.

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.

Journal Information: ABDC Ranking of C, RG Journal Impact Score 6.0, Cite Score 2018 1.9, Indexed and Abstracted in ABI, Cabell's, EBSCO, Scopus, Ranked in ABS BFI.

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. *Journal Information: ABDC ranking of A. 5-year Impact factor of 3.418, Cite Score 2018 4.95, Indexed in ABI/INFORM, Cabell's. Ranked in ABS, BFI, CNRS, Scopus.*

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.

Journal Information: ABDC Ranking of A, 5-Year Impact factor 2.256. Scite Score 2018 2.42, Indexed in Cabell's, CNRS, CPI, FNEGE, OCLO. Ranked in CABS and Scopus.

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.

Journal Information: Indexed in Scopus, Impact Factor 1.05.

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

Journal Information: Essay, ABDC Ranking of A, 5-Year Impact Factor 10.161, Cabell's*

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.

Journal Information: Impact Factor .5, Cabell's.

Books

Zelbst, P. J. & Sower, V. E. (2021). *RFID for the Operations and Supply Chain Professional*. 3rd Edition. 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.

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

Chapters

Refereed

Green, K.W., Zelbst, P.J., Meacham, J. & Bhadauria, V.S., (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.J. (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.

National Poster Presentation

Garland, L., Aljarourdi, A. & Zelbst, P. (May 2022). Mask Fit Assessment. National Poster Presentation. American Industrial Hygiene Conference, AIHce EXP 2022, Nashville, TN.

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

Safa, P., Weeks, K. Zelbst, P. & Safa, M. (2020) Smart Ports in Industry 4.0: Towards future marine and port technologies opportunities and challenges. P20-20612, Washington, D.C., Transportation Research Board's 99th Annual Meeting on January 12–16, 2020.

Proceedings

Full Paper

Safa, P., Zelbst, P.J., Safa, M., and Weeks, K. (2019). Intelligent Smart Ports Using Internet of Things (IoT): Panama Canal Case Study. Coast, Oceans, Ports, and Rivers Institute Fall Conference.

Li, S.Y., Zelbst, P.J., Buzzini, and Yu, C.C. (2018). Potential Impact and Application of 3D Scanning, 3D Modeling and 3D Printing in Toolmark Examination. *Impression, Pattern and Trace Evidence Symposium*.

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.S. (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. **Best Paper in the Technology, Innovation and Operations Management Track**

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.

Abstract Only

Safa, M. & Zelbst, P.J. (2019). Project Definition Rating Index (PDRI) for Manufacturing & Life Sciences. *Decision Sciences Institute Annual Meeting*.

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

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. (2009). Experiential Approach: Taking Students to the Level of Insight using RFID Projects. *Decision Sciences Institute Annual Meeting*.

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

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

Paper Presentations

National

Safa, M. and Zelbst, P.J. (2019). Project Definition Rating Index (PDRI) for Manufacturing & Life Sciences. Decision Sciences Institute Annual Meeting, New Orleans, LA, United States of America.

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

Belsito, C.A., Miller, C.D., Zelbst, P.J., Cassidy, C.M. (2020), The ITC Tank Farm Explosion: Communications Lessons for Project Managers. Presented at the Annual Meetings of the Southeast Case Research Association (SECRA), Myrtle Beach, SC, 27-29 Feb 2020.

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.

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

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.

Work or Professional Experiences Experience: Academic

Professor, Sam Houston State University (September, 2017-present).

Associate Professor, Sam Houston State University (September, 2011 – September 2017).

Assistant Professor, Sam Houston State University (September, 2005 - September, 2011).

Lecturer, Sam Houston State University (September, 2004 - August, 2005).

Adjunct Professor, University of Houston (January, 2004 - December, 2004). Lecturer, Sam Houston State University (September, 2000 - August, 2002).

Grant Applications

Internal

2023: Co-PI Investigation of Critical Simulations for Real World Applications in Forensic

Science and Education Proposal (\$17,271). **Funded**

2021: Co-PI Cloth Mask Reusability & Efficiency Proposal (\$13,588). **Funded**

2019: PI for Interdisciplinary Collaboration Program, A Generic Asset Management Framework: Seaport Facilities (\$14,790) Not Funded.

2014: PI for Summer Research Grant, Impact of JIT and TQM on Environmental Sustainability (\$8,000). **Funded**

External

2022: Preparation of NSF Research Experience for Teachers Grant Package a Co-PI (\$600,000). Not Funded

2022: Preparation of documents as Core Partner for NSF Innovation Engine Type 2 Grant (\$160M).

2022: Entergy Grant for Students of Walker County (\$2500). **Funded.**

2020: Participant for STEM Grant (\$50,000). **Funded. Returned due to COVID-19.**

2020: PI for Booz Allen Foundation Innovation Award for the testing of PPE (\$100,000). Not Funded

2018: Co-PI for Development of Advanced Crime Scene Documentation and Intelligence by Portable 3D Structure Scanner for the National Institute of Justice (\$227,417) Not Funded.

2018: Co-PI for Development of a 3D Printed Material Database to Support Forensic Analysis of Next Generation of Crime Tools Grant Proposal for the National Institute of Justice (\$486,438).

Not Funded

2016: PI for Grant Proposal, Department of Defense, Program Dignity (\$500,000). Not Funded

2015: PI for Grant Proposal, Innovation Growth Labs (\$95,000). Not Funded

2015: Co-PI for Grant Proposal (Dr. Sarah Kerrigan, PI & Jorn Yu, Co-PI), National Institute of Justice (\$200,000). Not Funded

2009: PI for Grant Proposal, Project Management Institute for research, An Analysis of Field Technique in Relation to Instructed Methodologies I the Approach to Project Management. (\$38,000) Not Funded.

Other Contributions

2021: Recruited as a Mentor for the Expanding Frontiers Initiative for the Space Corridor 2018-Six Scholarships from CMI for a total of \$10,000.

2018-\$200 book scholarship

2017- Four \$1000 scholarships & one \$2000 from CMI.

2014-2016 - \$74,000 in scholarships awarded to SHSU Business Students from the Project Management Institute of Houston.

2013 - Development of the Center for Innovation & Technology.

2012 - TEKLYNX CODESOFT 10: Secured a donation of software valued at \$7,975.00. 2011 - AITP Conference: Worked with Dr. Warner, Dr. Wipawaykool, Dr. Bellah, and 5 students to track attendees, using RFID, of the AITP Region 6 Conference.

2011 - Chilling Ties Project: Collected money to purchase and send chilling ties to Marines in Afghanistan.

2011 - Avery Dennison: Secured donation of \$500.00 in RFID inlays.

2010 - ADT Security Services: Secured a donation in kind of over \$20,000.00 in RFID equipment.

2010 - Avery Dennison: Secured donation of \$200.00 in Monza RFID inlays.

2010 - Returning Single Soldiers Project: Drive to collect items needed by 53 single soldiers upon their return from Iraq.

2010 - Soldiers Phone Home Project: Collected money to purchase phone cards for soldiers deploying to Iraq.

2009 - Ohio University Auto ID Lab: Secured an in kind donation of \$6,750.00 in barcode readers and docking stations.

2009 - Venture Research, Inc.: Secured three in kind donations for a total value of \$700.00.

2009 - Avery Dennison: Secured two in kind donations for a combined value of \$1,500.00.

2009 - Managed the \$145,000.00 upgrade to the Sower Business Technology Lab.

2009 - Toys for Iraqi Children: Toy and Candy Drive for Iraqi Children. Distributed by 10th Mountain Division (Ft. Drum, New York) and 3rd ACR (Ft. Hood, Texas) while serving in Iraq.

2009 - Feedback, Inc.: Secured an in-kind donation of conference fees and robot parts valued at \$750.00.

2009 - Developed the Test Bank and Power Point Slides for Dr. Victor E. Sower's book Essentials of Quality published by Wiley in 2010.

2009 - Junior League of Waco: Worked with Baylor and Ohio University to use RFID and track attendees at the event.

Faculty Development

Instructional-Related Conference

2012 SAP, Huntsville, Texas. Introduction to SAP Business by Design.

2011 SAP University Alliance and Curriculum Development Workshop, Huntsville, Texas. Project Management Module.

2011 SAP University Alliance and Curriculum Development Workshop, Huntsville, Virtual.

2011 Presenting Data and Information Workshop, Houston, Texas.

2010 SAP University Alliance Training and Curriculum Workshop, Huntsville, Texas. SAP 101 Workshop.

Research-Related Conference/Seminar

2009: RFID Symposium, Waco, Texas.

2008: RFID Symposium, Waco, Texas.

2007: RFID Symposium, Waco, Texas.

Other Professional Development

2020: Texas University Network for Innovation & Entrepreneurship Conference, Virtual. 2019: Texas University Network for Innovation & Entrepreneurship Conference. University of St. Edwards, Austin, Texas.

2018: Hurricanes, Major Disaster, Coastal Protection and Rapid Recovery in Texas and Gulf Coast Region. University of Houston.

2018: Texas University Network for Innovation & Entrepreneurship Conference. Medical Center, Houston, Texas.

2014: PMP Certification through the Project Management Institute (PMI), Houston, Texas. Continuing Education.

2013-2019: PMP Certification through the Project Management Institute (PMI), Houston, Texas. Continuing Education.

2012: PMO to Go, The Woodlands, Texas, United States of America. PMP Certification Training

2011: PMI Global Conference, Dallas, Texas.

Technology-Related Training

2020: Certified Faro Scanner Operator, Virtual

2015: Solid Works Training, Conroe, Texas

2015: Fortus Operations Training-Level 2, Minneapolis, Minnesota. 2009: RFID Solutions Center, Dayton, Ohio. RFID Training.

Community Service

Speech / Presentation at a Community Meeting

2022: ASCM Technology Summit Panelist

2019: ASCM Blockchain Technology Summit Panelist

2018: CenterPoint Energy: Creativity and Innovative Technologies

2018: Let's Talk

2016: Huntsville Rotary (December)

2016: Huntsville Public Library: Our World is Changing: Additive Manufacturing

2015: The Woodlands Center Speaker Series (Additive Manufacturing)

2015: University Summit: Project Intrepid

2015: Founder's Day 2015:
Let's Talk

2015: The Woodlands Center Speaker Series (Drones)

2014: Conroe Rotary (December)

2014: Johnson Space Center JSC Connect Event Series: RFID: Where are the Gaps?

2014: Huntsville Rotary (August)

2014: Huntsville Rotary (October)

2012: Huntsville Rotary

Institutional Service

Department Assignments

Member:

2009-2012: Development of Master of Science in Project Management Degree Program 2007-2009: Degree and Certificate Committee

2011-2012: Strategic Planning Sub-committee: Degrees & Certificates: Development of the objectives for the Masters of Science in Project Management

2010-2011: Strategic Planning Sub-committee: Degrees & Certificates: Attended PMI Global Conference to prepare for accreditation of the Masters of Science in Project Management

2008-2012: Strategic Planning Sub-committee: Degrees & Certificates: Development of the Masters of Science in Project Management

College Assignments

Chair:

2011-2014: Fort Leavenworth Project

2022-Present: GAC Accreditation Committee

2022-Present: Co-Chair Curriculum Committee

2022-Present: Full Professors Committee **Member:**

2014-2016: GAC Accreditation Committee

2011-2012: COBA Curriculum Review Committee: First Committee: Chair Roger Abshire

2009-2010: AACSB Accreditation Maintenance Committee

2008-2010: Advisory Committee for the Gibson D. Lewis Center for Business & Economic Development

2008-2010: Academic Scholarship Committee

2007-2008: Academic Awards Convocation Committee

2007-2010: Assurance of Learning Committee

2000-2002: COBA Career Fair Committee

Other Institutional Service Activities:

2014-2021: Director of the Center for Innovation & Technology

2009-2021: Director of the Sower Business Technology Laboratory

2011-2014: Faculty Senator

2011: College Presentation: Online Course Development 2009-2010:
Upgrade of the Sower Business Technology Laboratory:

University Assignments

Chair:

2011-2012: Tenure Advisory Committee: Faculty Senate Committee

Member:

2020-present: SHSU Patent Committee

2011-2013: Ad Hoc Campus Art Review Committee for Sam Houston Trail Project

2010-2012: Ad Hoc Committee for Campus Art Review, The Woodlands Center

2007-2008: Campus Art Review Committee

2012-2020: Honors College Sub-committee: Admissions

2010-2012: Campus Art Review Committee

2009-2010: Campus Art Review committee

2009-2020: Honors College Advisory Committee

2009-2015: Honors College Sub-committee: Undergraduate Research Symposium

2008-2009: Campus Art Review Committee

2007-2008: NCAA Certification Self Study Steering Committee: Project Manager/Recorder

2006-2007: Women's Advisory Committee

Mentoring Activities:

2004-2005 – 2005-2006: McNair Scholars Program: Roxanne Sustiana

Dissertation Committee Member:

2010-2011: Faisal Tehseen Shah: International Referee; University of the Punjab

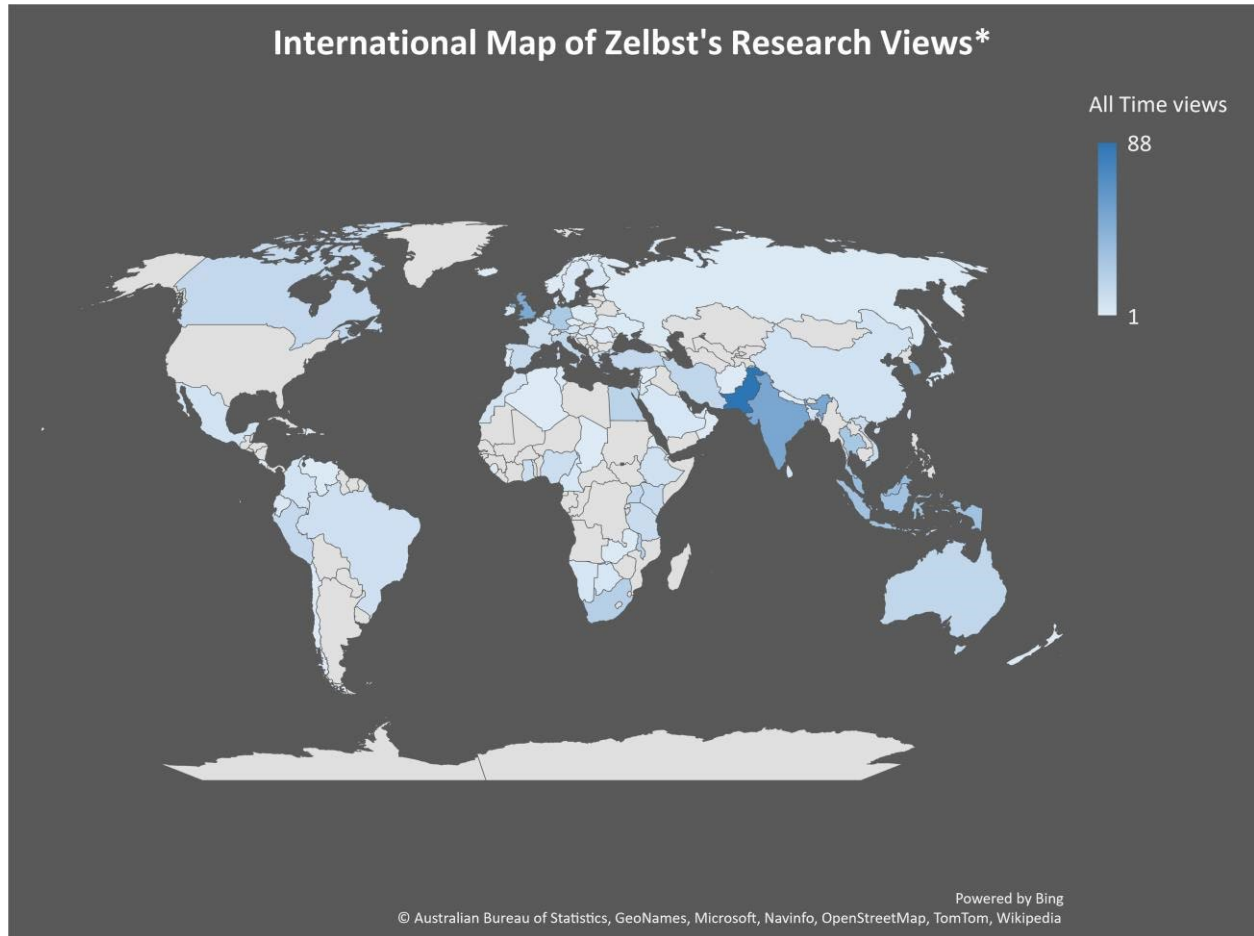
Google Scholar Research Citation Report

Green Supply Chain Management Practices: Impact on Performance	2012	1676	Journal Article
Triple-A Supply Chain Performance	2012	362	Journal Article
Do Environmental Collaboration and Monitoring Enhance Organizational Performance	2012	263	Journal Article
Relationships Among Market Orientation, JIT, TQM, and Agility	2010	174	Journal Article
RFID Utilization and Information Sharing: The Impact on Supply Chain Performance	2010	139	Journal Article
Impact of RFID on Manufacturing Effectiveness and Efficiency	2012	133	Journal Article
Impact of Supply Chain Linkages on Supply Chain Performance	2009	96	Journal Article
Paradigms, revolutions, and tipping points: The need for using multiple methodologies within the field of supply chain management	2008	58	Essay
Radio Frequency Identification Technology Utilization and Organizational Agility	2011	51	Journal Article
Impact of RFID Technology Utilization on Operational Performance	2010	47	Journal Article
Impact of JIT, TQM and Green Supply Chain Practices on Environmental Sustainability	2019	203	Journal Article
Impact of RFID and Information Sharing on JIT, TQM, and Operational Performance	2014	49	Journal Article
A Cluster Concentration Typology for Making Location Decisions	2010	29	Journal Article
Unique TQM Practices and Logistics Performance	2013	23	Journal Article
RFID for the Supply Chain and Operations Professionals, 3rd Edition	2016	21	Book
Impact of Radio Frequency Identification Technology on Environmental Sustainability	2017	38	Journal Article
Comprehensive Supply Chain Management Model	2019	58	Journal Article
An Experiential Approach to Develop an Understanding of RFID Technology	2008	7	Journal Article

The Impact of Human Resource Practices on Low-Income Workers in the Context of a Natural Disaster	2008	8	Journal Article
U.S. Manufacturers Report Greater RFID Usage	2012	6	Journal Article
The Impact of RFID, IIoT, and Blockchain technologies on supply chain transparency	2019	144	Journal Article
Supply Chain Linkages: Power, Benefits, and Risk Reduction	2009	4	Conference Article
The Impact of RFID on Manufacturing Effectiveness and Efficiency within a Supply Chain Context	2008	4	Working Paper
Personal Hygiene Assist Device	2018	8	Full Patent Issued
Dead or Alive (Quality Progress)	2016	6	Practitioner
Project Crashing Using Excel Solver: A Simple AON Network Approach	2012	12	Journal Article
Use of RFID Technology for Automatic Job Costing	2013	4	Journal Article
Relationships Among Market Orientation	2009	2	Journal Article
RFID and Environmental Sustainability: An Unlikely Partnership	2013	2	Journal Article
When Project Failure is a Success: An Experiential Approach in the Classroom	2010	1	Journal Article
A Typology of Cluster Concentrations Based on Factor Conditions of Production and Evolution of Supply Chain Infrastructures	2007	1	Dissertation
Demolish Silos in Total Quality Management (APICS Magazine)	2017	0	Practitioner
RFID: Slower Growth or Different Drivers?	2019	0	Practitioner
Front Loading Rest Platforms and Use Thereof	2020	8	Full Patent Issued
Information-Driven Supply Chain During a Catastrophic Event: COVID-19 Pandemic	2021	10	Journal Article
Financial Challenges Facing Women Entrepreneurs: An Exploratory Cross-National Study	2006	3	Book Chapter
Potential Impacts of 3D Modeling and 3D Printing in Firearm Toolmark Examinations	2021	4	Journal Article
Are we Technologists or Supply Chain Managers?	2022	0	Practitioner
Enhancing Supply Chain Through Implementation of Key IIoT Technologies.	2022	1	Journal Article

https://www.youtube.com/watch?v=DdDzybQ_9vM

CPM & PERT Video Viewed over 520,000 times



*Does not include the United States.