

Robert B. Handfield, PhD

Bank of America University Distinguished Professor of Supply Chain Management

Editor in Chief, [*Logistics Journal*](#)

Executive Director, Supply Chain Resource Cooperative

Member, Research Leadership Academy, North Carolina State University

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Employment

Bank of America University Distinguished Professor Of Supply Chain Management (1999-present)	North Carolina State University Raleigh, North Carolina
Affiliated Professor with Department of Operations Research NC State Poole College of Management, “Research Impact Award” (2023) NC State Poole College of Management “Research Leadership Award” (2009, 2018) NC State University, Nominated to Research Leadership Academy (2017) NC State University Alumni Association Outstanding Researcher Award (2017) NC State University Academic Extension Award (2004, 2011)	

Founder and Executive Director – Supply Chain Resource Cooperative (2000 – present)

Editor-in-Chief, (Sept. 2001-06), Consulting Editor (2006-present) – *Journal of Operations Management*

Editor in Chief (Sept. 2016 – present), *Logistics Journal*

Associate Professor of Purchasing and Operations Management (1995 - 1999)	Michigan State University East Lansing, Michigan
Assistant Professor of Purchasing and Operations Management (1992 - 1995)	Michigan State University East Lansing, Michigan
Assistant Professor of Operations Management (1990 - 1992)	Old Dominion University Norfolk, Virginia

Education

University of North Carolina Ph.D. in Operations Management, 1990.	Chapel Hill, North Carolina
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University of British Columbia Bachelor of Science, Applied Mathematics & Statistics, 1985.	Vancouver, British Columbia
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1. Mahyar Ejlali, Ebrahim Arian, Sajjad Taghiyeh, Kristina Chambers, Amir Hossein Sadeghi, Emad Taghiye, Demet Cakdi, Robert B. Handfield, "Developing hybrid machine learning models to assign health score to railcar fleets for optimal decision making, *Expert Systems with Applications*, vol. 250, pp. 123931, September 2024. <https://doi.org/10.1016/j.eswa.2024.123931>
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5. Bendoly, E., Roscoe, S., Siavash, H., Chandrasekaran, A., Dorego, F. Handfield, R. "The Role of Generative Design and Additive Manufacturing Capabilities in Developing Human-AI symbiosis: Evidence from Multiple Case Studies". *Decision Sciences Journal*, October 28, 2023. <https://doi.org/10.1111/deci.12619>.
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9. Roscoe, S., Cousins, P., and Handfield, R. (2023). "Transitioning additive manufacturing from rapid prototyping to high volume production: A case study of complex final Products", *Journal of Product Innovation Management*, Vol 40 Issue 4, 554-576. , <https://doi.org/10.1111/jpim.12673>
10. Sadeghi, A, Bani, E., Fallahi, A, Handfield, R. (2023). Grey Wolf Optimizer and Whale Optimization Algorithm for Stochastic Inventory Management of Reusable Products in a Two-Level Supply Chain", *IEEE Access*, volume 11. [10.1109/ACCESS.2023.3269292](https://doi.org/10.1109/ACCESS.2023.3269292)
11. Sahebi-Fakhrabad, A., Sadeghi, A., Kemahlioglu-Ziya, E., Handfield, R., Tohidi H., Vasheghani-Farahani, I. (2023). [The Impact of Opioid Prescribing Limits on Drug Usage in South Carolina: A Novel Geospatial and Time Series Data Analysis](#). *Healthcare*, 11(8), p. 1132.
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75. Paul Cousins, Benn Lawson, Robert Handfield, and Ken Peterson, Knowledge Sharing in Collaborative Product Development: The Impact of Formal and Informal Socialization Processes, *Journal of Product Innovation Management*, 26: 156-172, 2009. **Winner of the Emerald Citations of Excellence Award, 2013. (Chosen as one of the top 50 articles from the top 300 management publications worldwide that have had proven impact since their publication date based on impact factor).**
76. Nicole Darnell, Robert Handfield, and Jason Jolley ["Environmental Management Systems and Green Supply Chain Management: Complements for Sustainability?"](#) *Business Strategy and the Environment*, vol. 18, 30-45, 2008.
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20. Handfield, Robert, *Planning for the Inevitable: The Role of the Federal Supply Chain in Preparing for National Emergencies*, IBM Center for Government, Published Report, July, 2010.
21. Cecil Bozarth, Robert Handfield and Ajay Das, 'Stages of Global Sourcing Strategy Evolution: An Exploratory Study', *Journal of Operations Management*, 16 (2/3), 241-55, reprinted in "Global Supply Chain Management" edited by Masaaki Kotabe and Michael J. Mol, 2004..
22. Handfield, Robert B. and Ernest L. Nichols, Jr., *Introduction to Supply Chain Management*, Prentice Hall, Inc., Upper Saddle River, New Jersey (1999) (ISBN: 0-13-621616-1). Japanese, Chinese, and Korean language editions are also available from Prentice Hall-Japan (ISBN: 4-89471-608-9), Prentice Hall-Taiwan, (ISBN: 957-584-890-X), and Prentice Hall-Korea (ISBN: 89-88806-16-6).
23. *Purchasing Education and Training Part II*, Center for Advanced Purchasing Studies, with Larry Giunipero, Tempe, AZ:, 2004.
24. *Purchasing Electricity in a Deregulated Market*, Center for Advanced Purchasing Studies, with Bart Moore, Tempe, AZ:, National Association of Purchasing Management, 2000.
25. *ISO 14000: Assessing Its Impact on Corporate Effectiveness and Efficiencies*, Center for Advanced Purchasing Studies, with Steven Melnyk, Roger Calantone, Lal Tummala, Gyula Vastag, Sime Curcovic, Frank Montabon, and Robert Sroufe, National Association of Purchasing Management, Tempe, AZ, 1999.
26. *New Product Development: Supplier Integration Strategies for Success*. R. Monczka, R. Handfield, D. Frayer, G. Ragatz, and T. Scannell, Milwaukee, WI: ASQ Press, January, 2000
27. *Developing a World Class Supply Base*, Center for Advanced Purchasing Studies, with Daniel Krause, Tempe, AZ:, National Association of Purchasing Management, 1999.
28. Handfield, Robert, Calantone, Roger, and Ghosh, Soumen, "The Role of Information and Analysis in Organizational Quality Improvement", *Management of Organizational Quality*, vol. 4, JAI Press, 1999.
29. "Supplier Integration into New Product Development: Preliminary Results", R. M. Monczka, G.L. Ragatz, and R.B. Handfield, chapter in *Management of Organizational Quality*, vol. 2, JAI Press, 1997, pp. 87-138.
30. "Insourcing/Outsourcing", R. Handfield, Chapter 17.5 in *The Technology Management Handbook*, 1998, CRC Press: Boca Raton, FL, pp. 17-28-34.
31. "
32. "Wake County Mental Health Clinic", in *Cases in Production and Operations Management*, New York: Allyn and Bacon, 1994.
33. "Measuring Efficiency in a University Physical Plant", in *Cases in Production and Operations Management*, New York: Allyn and Bacon, 1994.

Research Funding & Grants

Research Grant, (Phase 1: \$32,231, Phase 2: \$175,000) Acquisition Innovation Research Center, Stevens Institute of Technology *Game Simulations: Training Contracting Officers on New Approaches (Incubate Phase I, WRT-1049.8.2), December 2022.*

Research Grant (\$1,256,791) Templeton World Charitable Foundation, “Creating an Ethical Apparel Index”, January 2021 – January 2024, 3 year fully-funded research initiative to develop an analytic index of major global labor compliance indices.

Research Grant (\$297,379) US Department of Commerce (NIST), Designing a Test Kit Supply Chain in Response to COVID 19, July 1, 2020.

Research Grant (\$37,455 phase 1, \$152,730 phase 2) - Kairos Research, LLC. (Funding originated with Intelligence Advanced Research Projects Activity (IARPA)).

Founder and Executive Director, Supply Chain Resource Cooperative. (> \$40 million) Raised corporate donations for NC State University, 1999-2022. Led initiative for \$10M gift from the Caterpillar Foundation to support new building at 2806 Hillsborough Street to house the SCRC, and outfit with infrastructure, and creation of the Owens Chair faculty position.

IBM Center for the Business of Government, Research Grant, \$20,000, January 2015. “An Investigation of Acquisition in the Intelligence Community”. October 2021, \$20,000 “Lessons Learned from the COVID Pandemic for the Federal Government”.

“Why Biobased?”, Professional Opportunities in the Emerging BioEconomy”, Research Report Completed for the U.S. Department of Agriculture, Office of Procurement and Property Management, released October 7, 2014.

USDA EMD BioPreferred Program, Economic Impact Study and Report, Awarded by the US Department of Agriculture, with Jay Golden, and AMEC, October 2014 (\$250,000), 2015 (\$300,000), 2016 (\$300,000), 2018 (\$300,000), 2022 \$195,000.

US Department of Agriculture, \$3,200,000, Center for Environmental Farming Research Grant, with Nancy Creamer (PI), September, 2013.

Poole College Sustainability Initiative Research Grant Award, 2010, "Measuring the True Impact of Take-back Legislation in the Electronics Industry," \$25,000.

Poole College Sustainability Initiative Curriculum Development Grant Award, 2009, "Sustainable Supply Chains”, \$5000.

“An Investigation of the Level of Preparedness for Pandemics in the United States: Key Gaps in Critical Services and Government Infrastructure”, IBM Center for the Business of Government, Research Grant, \$20,000, November 2009.

“Design for Order Fulfillment”, Research Grant, Caterpillar Foundation, \$250,000, September, 2006.

National Science Foundation Research Grant (Transformation to Quality Organizations), \$1,100,000, "Integrating Suppliers into New Product Design", November 1994, Primary Investigator: Robert Monczka, Co-Investigators: Robert Handfield, Robert Trent, and Gary Ragatz.

National Science Foundation Research Grant, \$800,000, “Environmentally Conscious Manufacturing: Integrating Environmental Issues into Product Design Planning and Manufacturing” January 1995, Primary Investigator: Steven Melnyk, Roger Calantone, Lal Tummala, Robert Handfield, Erik Goodman, Keith Helferich.

Center for Advanced Purchasing Studies, Senior Research Fellowship Award, (\$5,000), 1997.

Center for Advanced Purchasing Studies, “Cross-functional, Cross-Location Approaches to Supplier Development”, Research Grant (\$54,000), April, 1997.

Center for International Business Education Research, “Cross-functional, Cross-Location Approaches to Supplier Development”, Research grant (\$20,000), April, 1997.

Manufacturing Research Consortium (Michigan State University) Research grant (\$30,000) with Lal Tummala and Keith Helferich, “Evaluating the Green Supply Chain ”, July 1996.

Center for Advanced Purchasing Studies (\$20,000), “Identifying Adoption Determinants Towards ISO 14000: A Large Scale Survey”, with Steven Melnyk and Roger Calantone, National Association of Purchasing Management, September, 1996.

Research grant (\$50,000) "Investigating Total Quality Management", with Soumen Ghosh and Stanley Fawcett, Center for International Business Education Research (U.S. Department of Education) Michigan State University, (1992 -1994).

Manufacturing Research Consortium (Michigan State University) Research grant (\$30,000) with Steven Melnyk, Mark Pagell, and Sime Curkovic, to conduct research on "The Total Cost of Environmental Responsibility" and "The Environmentally-Friendly House of Quality", June 1994.

Awarded \$500,000 grant from Caterpillar Foundation to conduct research on Supply Chain Educational Roadmap, and Supply Chain Risk Management.

National Association of Purchasing Management Doctoral Fellowship Grant (\$10,000), 1990.

Summer Research Grants, Michigan State University, 1993, 1994.

Summer Research Grant, Old Dominion University, 1991.

Research Grant, Center for Manufacturing Excellence - Kenan Institute for Private Enterprise at UNC (\$15,000), 1989.

Richard D. Irwin Doctoral Fellowship (\$2,500), 1989.

Professional Recognition

Poole College of Management “Research Impact Award”, 2023. Awarded to the faculty member with the greatest impact on the community.

Poole College of Management “Research Leadership Award” (2018). Awarded to the most productive faculty member in the Poole College of Management.

2016-2017 Alumni Association Outstanding Research Award, North Carolina State University, selected as one 12 university-wide faculty awards recognizing excellence in research leadership, April 25, 2017.

Inducted into the **Research Leadership Academy**, April 25 2017, North Carolina State University. This honor is extended to a small group of faculty members across campus, who play an active role in promoting research across NC State.

Grand Prix des ACA Bruel Plumes Des Achats, Paris, France, 2015. Awarded to the best purchasing book of 2015, Procurement Value Proposition, co-authored with Gerard Chick.

Outstanding Paper of 2014 Award, *International Journal of Physical Distribution and Logistics Management*, “Strategic Sourcing Management’s Mindset: Strategic Orientation and Its Implications”, forthcoming in *International Journal of Physical Distribution & Logistics Management*, with E. Eltawany, L. Giunipero, April 2014.

Poole College of Management “Research Leadership Award” (2009). Awarded to the most productive faculty member in the Poole College of Management.

Emerald Citations of Excellence Award, 2013. Co-authored paper selected as one of the top 50 articles from the top 300 management publications worldwide that have had proven impact since their publication date based on impact factor). Paul Cousins, Benn Lawson, Robert Handfield, and Ken Peterson, Knowledge Sharing in Collaborative Product Development: The Impact of Formal and Informal Socialization Processes, *Journal of Product Innovation Management*, 26: 156-172, 2009.

Emerald Citations of Excellence Award, 2011. Co-authored paper selected as one of the top 50 articles from the top 300 management publications worldwide that have had proven impact since their publication date based on impact factor). Christopher W. Craighead, Jennifer Blackhurst, M. Johnny Rungtusanatham, Robert B. Handfield (2007). “The Severity of Supply Chain Disruptions: Design Characteristics and Mitigation Capabilities.” *Decision Sciences* 38(1), 131–156.

NC State University Faculty Extension Award, 2011.

Honorary Fellow of Contract & Commercial Management (FCCM), International Association of Commercial and Contract Management, (2009).

Recognized in 2009 as the **#6 most prolific authors in the *Journal of Operations Management*** within the last 20 years.

Handfield was identified as one of a handful of individuals in the 2007 “Pros to Know” list compiled by Supply and Demand Chain Executive journal :(<http://www.sdcexec.com/publication/article.jsp?pubId=1&id=9287>)

Visiting Professor at Manchester University, 2005.-2009

Visiting Professor, Shanghai Jiao Tong University, International Executive Education Program, Shanghai, China, 2005.

First Trust Bank Distinguished Visiting Scholar, Queens University, Belfast, Ireland, 2004, 2005.

Henry Latane Distinguished PhD Alumni Award, Kenan-Flagler School of Business, The University of North Carolina at Chapel Hill, Chapel Hill, NC, May 2001.

Citation of Excellence for Research Implications and Practical Implications, The ANBAR Intelligence Group, UK for the article entitled, " An empirical examination of quality tool deployment patterns and their impact on performance", which was published in the **International Journal of Production Research**, (with J. Jayaram and S. Ghosh).

Ranked in the **Top 25 Most Productive POM Authors** in U.S. Business Schools in 1996 (“POM Research Productivity in U.S. Business Schools”, *Journal of Operations Management*, vol. 14 (1996), pp. 41-53.)

Best Paper (Honorable Mention) Award, Environmental Management Division, 1997 Decision Sciences Institute Meeting, San Diego, CA.

Best Environmental Research Paper Award Finalist, 1996 National Decision Science Institute Conference, “Differences Between Design and Manufacturing: Theory versus Practice”, with Steven Melnyk.

Best Interdisciplinary Research Paper Award, 1994 National Decision Science Institute Conference, "Creating a Total Quality Culture Through Organizational Change: A Case Study", with Soumen Ghosh.

Conference Proceedings and Presentations

Tyler, B. B., Roden, S., Handfield, R. B., Caner, T. "Management of Risk Through Strategic Partner Selection." Accepted for Presentation at the European Decision Science Conference, May 29-June 1, 2022, Dublin, Ireland.

Tyler, B. B., Roden, S., Handfield, R. B., Caner, T. "Management of Risk Through Strategic Partner Selection." Accepted for Presentation at the European Operations Management Association Conference, July 1-6, 2022, Berlin, Germany.

Darnell, Nicole, Handfield, Robert, and Jolley, Jason. "Environmental Management Systems & Green Supply Chain Management: Complements or Contradictions?" Academy of Management conference, August, 2005, Hawaii.

Ajay Das, Robert Handfield and Cecil Bozarth, Dimensionalizations of fit in supply chain management?, Proceedings of the Thirty-Third Annual Meeting of the Northeast Decision Sciences Institute, Atlantic City, March 24-26th, 2004, 270-272.

"Supply Chain Disruptions: A Program of Discovery, Recovery and Minimization", 2003 Annual Meeting of the Production and Operations Management Society (POMS), April 4-7, 2003, Savannah, Georgia, USA.

"The notion of customized supply chain management" Ajay Das, Robert Handfield and Cecil Bozarth, Proceedings of the 13th Annual North American Research and Teaching Symposium on Purchasing and Supply Chain Management, Dallas, TX, March 21-23rd, 2002.

Ajay Das, Robert Handfield and Cecil Bozarth, "Profiles in Supply Chain Management: An Empirical Examination", DSI Annual Meeting November 2002.

"Publishing in the Journal of Operations Management", presentation to Doctoral Consortium, Decision Sciences Institute Meeting, November 2001.

Krause, Daniel and Handfield, Robert, "An Empirical Study of Trust in Buyer-Seller Relationships", *Proceedings of the Annual National Meeting of DSI*, San Francisco, CA, November, 2001.

Handfield, Robert, Beverly Tyler, and Krause, Daniel, "Creating Value Through Supplier Development Initiatives: A Dyadic Study", *Academy of Management Meeting*, Toronto, Canada, August, 2000.

"Investigating the Linkage Between Total Quality Management and Environmentally Responsible Manufacturing", with Sime Curkovic, Steven Melnyk, Frank Montabon, and Robert Sroufe, *Proceedings of the Annual National Meeting of DSI*, New Orleans, LA, November, 1999.

"Environmental Research Needs In the Decision Sciences: Perspectives from the US EPA Environmental Accounting Project and the World Resources Institute", with Susan McLaughlin (US EPA) and Jennifer Finlay, (World Resources Institute), *Proceedings of the Annual National Meeting of DSI*, New Orleans, LA, November, 1999.

"Environmentally Responsible Manufacturing: Summarizing Research Efforts From the MSU NSF Project", with Sime Curkovic, Steven Melnyk, Frank Montabon, Roger Calantone, and Robert Sroufe, *Proceedings of the Annual National Meeting of DSI*, New Orleans, LA, November, 1999.

"Creating Value Through Supplier Development Initiatives: A Dyadic Study", with Daniel Krause, *Proceedings of the Annual National Meeting of DSI*, New Orleans, LA, November, 1999.

Review of “Managing the Global Supply Chain”, by Phillip Schary and Tage Skjott-Larsen, *Journal of International Marketing*, vol. 5, no. 3, 1997, pp. 91-95.

“The Green Supply Chain”, with Steven Walton and Steven Melnyk, *Proceedings of the Annual National Meeting of DSI*, San Diego, CA, November, 1997 (Honorable mention Award - Environmental Management Division).

“Supplier Integration into New Product Development”, with Gary Ragatz and Kenneth Peterson, *Proceedings of the Annual National Meeting of DSI*, San Diego, CA, November, 1997.

“Environmentally Responsible Manufacturing: A Literature Review”, with Sime Curcovic, Steven Melnyk, and Roger Calantone, *Proceedings of the Annual National Meeting of DSI*, San Diego, CA, November, 1997.

“Achieving a Competitive Advantage through Total Quality Management”, with Ajay Das and Roger Calantone, *Proceedings of the Annual National Meeting of DSI*, San Diego, CA, November, 1997.

“Career Advancement Strategies”, Invited Presentation, 14th Annual Doctoral Student Consortium, Decision Science Meeting, Orlando, FL, November, 1996.

“Recent Trends in Operations Management Research”, with Steven Walton, *Proceedings of the Annual National Meeting of DSI*, Orlando, FL, November, 1996.

“Supplier Integration into New Product Development”, with Gary Ragatz and Tom Scannell, *Proceedings of the Annual National Meeting of DSI*, Orlando, FL, November, 1996.

“The Green Supply Chain: Best Practices from the Furniture Industry”, with Steven Walton, Steven Melnyk, and Lisa Seegers, *Proceedings of the Annual National Meeting of DSI*, Orlando, FL, November, 1996.

“Integrating Environmental Concerns into the Design Process: Explaining the Gap between Design and Practice”, with Steven Melnyk, *Proceedings of the Annual National Meeting of DSI*, Orlando, FL, November, 1996.

“An Empirical Study of the Impact of Quality Tools and Techniques on Quality Attributes and Quality Strategies”, with Jayanth Jayaram and Soumen Ghosh, *Proceedings of the Annual National Meeting of DSI*, Orlando, FL, November, 1996.

“The Importance of Unions to Operations Strategy”, with Mark Pagell, *Proceedings of the Annual National Meeting of DSI*, Orlando, FL, November, 1996.

“Does the Parallel Approach Make Sense in the Development of Discontinuous Innovations?”, with Chris McDermott, *IEEE Engineering Management Society*, 1996 International Conference on Engineering and Technology management, August 18 -20, 1996, Vancouver, Canada.

“Greenspeak”, with Steven Melnyk, *Purchasing Today*, July, 1996, pp. 32-36.

“Managing Buyer-Supplier Conflicts: A Conceptual Model”, with James Patterson, NAPM Annual Academic Conference, Portland, OR, March, 1996.

“The Cost of Environmental Management”, with Sime Curcovic and Steven Melnyk, 7th Annual Meeting of the Production and Operations Management Society, Indianapolis, Indiana, March, 1996.

“Supplier Integration into New Product Development, *Proceedings of the 1996 NSF Design and Manufacturing Grantees Conference*, with R. Monczka, D. Frayer, G. Ragatz, and R. Trent, pp. 816-817.

"Environmentally-Friendly Manufacturing in the Office Furniture Industry", with Lisa Seegers and Steven Melnyk, *Proceedings of the Annual National Meeting of DSI*, Boston, Massachusetts, November, 1995.

"An Empirical Test of Relationships Between Baldrige Award Criteria", with Soumen Ghosh, *Proceedings of the Annual National Meeting of DSI*, Boston, Massachusetts, November, 1995.

"The Global Procurement and Supply Chain Benchmarking Initiative: An Overview of Recent Results", Workshop, *Proceedings of the Annual National Meeting of DSI*, Boston, Massachusetts, November, 1995.

"The Antecedents and Performance Outcomes of Interorganizational Relationships", with Chris Bechtel and Larry Stimpert, *Proceedings of the Annual National Meeting of DSI*, Boston, Massachusetts, November, 1995.

"Environmentally Responsible Manufacturing: New Challenges, Hidden Opportunities", with Steven Melnyk, *Proceedings of the Annual National Meeting of DSI*, Boston, Massachusetts, November, 1995.

"Constrained vs. Unconstrained Global Sourcing Decisions: An Exploratory Study", with Cecil Bozarth, Academy of Management Conference, Vancouver, Canada, August 1995.

"A Triangulated Approach to Empirical Research", *Decision Line*, with Robert M. Monczka, and Gary Ragatz, April, 1995.

"Total Quality Management and Issues in Theory Development", invited colloquium, The Kenan-Flagler Business School, University of North Carolina at Chapel Hill, December 15, 1994.

"Empirically-Based Theory Development - Using Qualitative Methods to Build Theory", organizer and presenter, professional development workshop, *Annual National Meeting of DSI*, Honolulu Hawaii, November 1994.

"Creating a Total Quality Culture Through Organizational Change: A Case Study", with Soumen Ghosh, *Proceedings of the Annual National Meeting of DSI*, Honolulu Hawaii, November 1994 (Winner of Conference Best Interdisciplinary Research Paper Award).

"A Framework for Research in Time-based Competition", with Phillip Carter and Steven M. Melnyk, *Proceedings of the Annual National Meeting of DSI*, Honolulu Hawaii, November 1994.

Invited Presentation on Emerging Themes in Manufacturing Strategy, "Re-thinking Manufacturing Strategies in Complex Environments", with Phillip Carter and Steven Melnyk, ORSA/TIMS Conference, Detroit, October, 1994.

Invited Presentation on "TQM Implementation Strategies for Global Competitive", with Soumen Ghosh, ORSA/TIMS Conference, Detroit, October, 1994.

Invited Panel Discussion, "Initiating an Academic Career--Strategies for Success", ORSA/TIMS Conference, Detroit, October, 1994.

"Total Life Cycle Cost Management," with Ronald T. Pannesi, Annual NAPM Academic Conference, Washington D.C., March, 1994.

"Global Research in Operations Management - Panel Discussion", organizer and presenter, *Proceedings of the Annual National Meeting of DSI*, Washington DC, November 1993.

"Managing Component Life Cycles in Dynamic Technological Environments", *Proceedings of the Annual National Meeting of DSI*, Washington DC, November 1993.

"Global Sourcing - Patterns of Development", *Proceedings of the Annual National Meeting of DSI*, Washington DC, November 1993.

"Empirically-Based Theory Development - Using Qualitative Methods to Build Theory", organizer and presenter, professional development workshop, *Annual National Meeting of DSI*, Washington DC, November 1993.

"Workshop on Empirical Quality Management Research", with Soumen Ghosh and Stanley Fawcett, presentation at the *Midwest Decision Sciences Institute Meeting*, Lansing, MI, April 21, 1993.

"Empirical Research Using Structural Equation Modelling and Latent Variables", professional development workshop presentation, *Proceedings of the Annual National Meeting of DSI*, San Francisco, California, November 1992.

"Amadas Industries", case presented at the 1992 Decision Sciences Case Writers Workshop, San Francisco, CA, November 1992.

"Conducting Empirical Research in Purchasing", presentation to Management 802 doctoral purchasing seminar, November 4, 1992, Michigan State University.

"Distinguishing Attributes of Design Complexity and Manufacturability", *Proceedings of the Production and Operations Management Society* meeting, November 1992.

"New Product Development Leadtime vs. Delivery Leadtime", *Proceedings of the Annual National Meeting of DSI*, Miami, Florida, November 1991.

"Measurement Development of Factors Affecting Leadtime in Make-to-Order Manufacturing Firms", presentation at *Production and Operations Management Society* meeting, November 1991.

"Defining the Entrepreneurial Gap in Eastern Europe", with Barbara Withers, presentation at *Production and Operations Management Society* meeting, November 1991.

"Delivery Speed and Reliability as an Element of Manufacturing Strategy", *Proceedings of the Annual National Meeting of DSI*, San Diego, California, 1990.

"An Effective Implementation of a Parts Coding System: A Case Study of PACCAR, Inc.", with Nancy M. Hyer and Janet M. Barager, *Proceedings of the Annual National Meeting of DSI*, New Orleans, Louisiana, 1989.

"Measuring Estimating Efficiency in a University Physical Plant", *Proceedings of the Annual National Meeting of DSI*, New Orleans, Louisiana, 1989.

"Implementation Issues in Computer-Aided Medical Decision Making", *Proceedings of the Annual National Meeting of DSI*, New Orleans, Louisiana, 1989.

"Analysis of Capacity Utilization in a Multistage Manufacturing/Distribution System: A Simulation Study", with Ronald T. Pannesi and Ann S. Maruchek, *Proceedings of the Annual National Meeting of DSI*, Las Vegas, Nevada, November, 1988, 998-1000.

Community Service and Keynote Presentations

Keynote, Emerging Techniques Forum, Military Operations Research Society, December 6, 2023.

<https://www.mors.org/Events/Workshops/Emerging-Techniques-Forum>.

Board Member, Rates Tariff, and Legal Review Board, Foreign Trade Zone #93, Central Pines Regional Council, Raleigh, NC, Appointed September 2023.

Invited to the **White House Council of Economic Advisors**, February 2022.

Board Member on American Standards and Technology (ASTM) [Committee F49 on Digital Information in the Supply Chain](#), Secretary, Formed in 2022.

Driving autonomous supply chain with demand sensing: Turn insights into actions! Webinar on SupplyChainBrain, June 22, 2023. <https://www.supplychainbrain.com/articles/37287-driving-autonomous-supply-chain-with-demand-sensing-turn-insights-into-action>

Balancing costs, risks and sustainability in your supply chain”, webinar with GEP on Supply Management Insider, May 2023. <https://www.supplymanagementinsider.com/balancing-costs-risks-and-sustainability-in-your-supply-chain>.

Handfield, R. FDA Panelist, RSCP Public Workshop: Building Medical Device Supply Chain Resilience: A Healthcare & Public Health Ecosystem-Wide Collaboration. June 7-9, 2022. <https://www.fda.gov/medical-devices/workshops-conferences-medical-devices/virtual-public-workshop-building-medical-device-supply-chain-resilience-healthcare-and-public-health>.

Handfield, R. Panel presenter, Raleigh REAL Professionals Network Mastermind Group Meeting, Raleigh, NC, June 9, 2022.

Invited keynote presentation to the SLAS Sample Management Symposium, September 10, 2021, La Jolla, CA. “The Discipline of Logistics During the COVID Pandemic.”

Testified to the **US Senate Committee on Homeland Security and Governmental Affairs**, “COVID19 Part II: Evaluating the Medical Supply Chain and Pandemic Response Gaps”, May 19, 2021. <https://www.c-span.org/video/?511884-1/hearing-covid-19-us-medical-supply-chain>

Testified to the National Academies of Sciences, Engineering, Medicine, Committee on Reviewing the Public Health emergency Medical Countermeasures Enterprise (PHEMCE), August 20, 2021.

World Commerce and Contracting, Vibe Summit, September 21-23, 2020. Panelist, "COVID-19 and Supply Chains: What are We Learning?" <https://vibesummit.iaccm.com/agenda/workshops/>

360RX: An International Pharmaceutical Supply Chain Consortium, Africa Chapter, “Supply Chain Security & Patient Safety in Africa: COVID-19 and Beyond. “Healthcare Supply Chain Pandemic Planning”, August 31, 2020.

360RX: An International Pharmaceutical Supply Chain Consortium, India Chapter, “360 and India PDA Joint Conference on Supply Chain Security in India”. Keynote Presentation: “Healthcare Supply Chain Pandemic Planning and a New Model”, October, 2020

Covid19 Update, Resilinc, Monitoring and Adapting to the COVID19 New Normal, Sixth in the Series, Keynote Presentation, On Demand Webinar, April, 2020. <https://www.resilinc.com/supply-chain-risk-management-webinars-and-events/>

S&P Market Intelligence, Webinar, University Essentials: Vital Supply Chains in a Pandemic, Keynote Presenter, May 20, 2020.

ISPE Webinar, Creating a Vision of the Future: An Evolution of Revolution of the Pharmaceutical Supply Chain, June 23, 2020. Presenter. <https://ispe.org/webinars/video/creating-vision-future-evolution-or-revolution-pharmaceutical-supply-chain>

ISPE Webinar, Pharma Supply Chain Security and Robustness during a Pandemic, April 2, 2020. Presenter. <https://ispe.org/webinars/video/covid-19-pharma-supply-chain-security-robustness-during-global-pandemic>

“The Future of Procurement”, invited presentation to the Department of Acquisition, Public Purchasing Forum, Virginia Beach, VA, November 14, 2017.

Invited Presentation to Faculty, “Engaging with Industry”, East Carolina University, College of Management, October 26, 2017, Greenville, NC.

“The LIVING Supply Chain”, Keynote Presentation at Fall Meeting of Center for Operational Excellence, Fisher College of Business, Ohio State University, October 20, 2017.

Pre-Conference Speaker, “Innovative Data Leveraging”, Supply Chain Management Association of Ontario, October 19, 2017, Toronto, Canada.

Keynote Speaker, EMPOWER, IBM Emptoris Meeting October 2016, Orlando, FL.

Meeting of Anheuser Busch Inbev executives on the “Future of Supply Chain Management” in Leuven Belgium on August 23-24, 2016.

Keynote: DCAT Sharp Sourcing Event, July 12, 2016, Brunswick NJ, “Supply Management Analytics”.

Keynote: ISM Global Procurement Tech Summit, March 15, 2016, Baltimore, MD, “How Tomorrow’s Practitioners Will Change the Procurement Technology Landscape”.

Keynote Speaker, “What is the Value of an Empowered Procurement Function?” Supply Chain Management Review’s Supply Chain Outlook November 2, 2015, Chicago, IL.

Keynote, “Trends and Strategies in the Global Supply Chain”, Procurement Leaders Forum, Boston, April 2015, Miami December 2015.

Speaker, “Five Predictions That Every Procurement Manager Should Know”, Zycus Horizons, Reynolds Plantation, GA, November, 2015.

Speaker, Public Meeting of the Biomass Research and Development Technical Advisory Committee, August 27-28, 2015, Washington DC, US Department of Energy.

Panel Participant, “Emerging Bioenergy Technology & Markets”, 2015 North Carolina State Energy Conference, April 21-22, 2015, McKimmon Conference Center, NC State University, Raleigh, NC.

Panel Discussion, Material Handling Institute, “Collaboration Between Industry and Academia, Chicago, IL, April, 2015.

Workshop Leader, Spend Analytics, General Services Administration, Washington, DC, February 2015.

Keynote, ProcureCon Indirect West, Phoenix, AZ, “Key Economic and Global Trends Impacting Procurement, October 2014.

Organizational Structure and Application of Market Intelligence" in ACM Proceedings of the 2014 Workshop on Human Centered Big Data Research, Presented April 1-3, 2014, NC State University.

“Strategic Sourcing and Negotiation Management”, The Negotiation Institute 1st Annual Supply Chain Conference, New York, NY, March 20, 2014.

“Embracing Global Logistics Complexity”, Keynote Presentation, Transportation Research Board, Strategic Highways Research Program 2, Network Modeling Symposium, October 21, 2013, Washington DC.

“Trends and Strategies in Global Logistics”, BVL International Conference, Berlin, Germany, October 22, 2013.

“The Future Faces of Procurement”, Keynote Presentation, Coupa Software INSPIRE conference, Co-sponsored by KPMG, San Francisco, CA, April 9, 2013.

“Emerging Capabilities of Procurement in 2025”, Keynote Presentation, Xignux International, Global Leadership Conference, Monterrey, Mexico, April 25, 2013.

“Supply Market Intelligence and Risk: The New Frontier”, Procurement Leaders’ Conference, Boston, MA, November 9, 2011.

“Electronic Collaboration in the Biopharmaceutical Industry”, Tracelink NEXUS Meeting of Electronic Integration in Biopharmaceuticals, New Brunswick, NJ, September 21, 2011.

“Healthcare Transportation Best Practices”, IDN Summit, Phoenix, Arizona, September 13, 2011”.

“Improving Agility in the Biopharmaceutical Supply Chain”, Keynote speaker, meeting of Chief Procurement Officer and Category Managers – Sanofi Aventis, Bethlehem, PA, October 4, 2011”.

“Fundamentals of the Food Supply Chain”, Presentation to the **Economic Development & Infrastructure Subcommittee of the North Carolina Local Sustainable Food Advisory Council**, January 24, 2011.

“Supply Chain Risk: Future Scenarios for Cyber-attacks and Impacts on the Supply Chain”, US Department of Counterintelligence, September 3, 2010, Washington DC.

“Integrated Spend Management”, Keynote Speaker, Zycus Leadership Forum, Houston, Chicago, Los Angeles, May 2010.

“Market Intelligence: The Foundation for Strategic Sourcing”, Corporate United Customer Leadership Meeting, May, 2010.

“Managing the Clinical Supply Chain: An Industry Maturity Model”, *Vetter Biopharmaceutical Leadership Conference*, Lindau, Germany, September 24, 2009.

“Supply Chain Risk: Industry Best Practices”, US Department of Counterintelligence, *Supply Chain Vulnerabilities Conference*, September 14, 2009, Washington DC.

“Becoming A Customer of Choice”, Institute of Supply Management, National Conference, April, 2009, Charlotte, NC.

“Strategic Cost Management”, Institute of Supply Management, National Conference, April, 2009, Charlotte, NC.

“Applying Lessons of Supply Chain Management to North Carolina’s Fishing Industry”, North Carolina Seafood Marketing Conference, February 3, 2009, Carteret County, North Carolina, Invited Speaker.

“Supply Market Intelligence”, Keynote Speaker, Corporate United meeting, Baltimore, MD, October 2008.

“Manufacturing in China”, Keynote Speaker, Contract Pharma meeting, New Brunswick, NJ, November 2008.

“Global Leadership: Is there a Universal Global Approach for Supply Chain”, Keynote Speaker, Chartered Institute of Purchasing and Supply, London, October 2008.

“Preparing for the Worst”, Workshop Leader, Global Procurement Leadership meeting, Chartered Institute of Purchasing and Supply, London, November 2008.

“Best Practices in Supply Management”, Procurement Organization Meeting”, BP Procurement and Supply Chain Management, Baku, Azerbaijan, November 2008.

“Supply Chain Maturity”, Keynote Speaker, S&OP Supply Chain Offsite Meeting, BiogenIdec, January 2009.

“Key Trends in Strategic Sourcing”, Keynote Speaker, GMP Sourcing Meeting, BiogenIdec, February 2009.

“The Engineering World, in a World of Economic Turmoil”, Keynote at American Society of Civil Engineers, NC State University chapter, March 2009.

“Supply Market Intelligence”, presentation to Corporate United Purchasing Group, October, 2008.

“Strategic Sourcing”, Penn State Executive Education Speaker, September, 2008.

Managing Supply Risk and Supplier Relationship Management, International Association of Commercial and Contract Managers, Ascot, UK, November, 2007.

“Key Trends in Strategic Sourcing”, Keynote at ParkerHannefin Global Supply Chain Manufacturing Executive Meeting, October, 2008.

Understanding the Key Issues for Supply Market Intelligence, presentation to Shell Oil Products Global Market Intelligence Team, January, 2007.

“Key Trends in Supply Chain Management”, **Nexus Supply Chain Conference**, October 13, 2006, sponsored by Womble Carlyle Sandridge and Rice.

“Current Trends in Pharmaceutical Fee for Service Contracts”, presentation to IACCM Pharmaceutical Group, New Jersey, June, 2006.

“Issues and Challenge in Global Procurement and Contracting”, webconference to Chevron, IACCM educational group, July 2006.

“Global Sourcing in China”, Webcast, Supply Chain Management Review, July, 2006.

Supply Market Intelligence: A Core Element for Supply Chain Excellence, Queen’s University, Belfast, Ireland, March 19, 2006.

Managing Your Supply Chain the Chinese Way, First Trust Bank Distinguished Lecturer Series, Queen’s University, Belfast, Ireland, March 20, 2006.

Supply Market Intelligence: A Core Element for Supply Chain Excellence, University of Manchester, Manchester, UK, March 23, 2006.

Managing Your Supply Chain the Chinese Way, Lecture as Visiting Professor, University of Manchester, Manchester, UK, March 24, 2006.

Handfield, R., “Managing Risk in the Supply Chain”, Keynote Address at the Bank of America Global Supplier Forum, Charlotte, NC, February, 2006.

Handfield, R., “Global Trends in the Pharmaceutical and Biotech Distribution Industry”, Keynote address at the Institute for International Research conference on Pharmaceutical Trends: Fee for Service, March 12-13, 2006.

Petersen, K., Cousins, P., Handfield, R. & Lawson, B (2006). The Moderating Impact of Asymmetrical Power on Socialization and Relational Capital in Buyer-Seller Relationships. Presented at Manchester Business School, Manchester, United Kingdom

Global Supply Risk, International Association of Commercial and Contract Managers, New Orleans, LA, April 11-12, 2007.

“Supplier Relationship Management”, Manchester Business School, November, 2007, presented to the Supply Chain Research Group.

Keynote Speaker, Fee-for-Service Conference, Institute for International Research, Princeton, NJ, March 2006.

Keynote Speaker, “Current Trends in Pharmaceutical Distribution”, Health Care Supply Chain Forum, Washington DC, February 2006.

Keynote Speaker, **Nexus Supply Chain Meeting**, hosted by **Dell** and **FedEx**, November, 2005.

“Best Practices in Supply Chain Management”, Supply Chain Merger Meeting of **Cinergy** and **Duke Energy**, October, 2005.

“Crafting a Roadmap For Supply Chain Education”, **Caterpillar**, October 4, 2005.

“Supply Market Intelligence”, **Englehard Corporation**, Purchasing Council Retreat, October 3, 2005.

“Current Trends in Supply Chain Management and Legal Implications”, **Wobble Carlyle Rice & Sanders** (largest law firm in North Carolina), October, 2005.

“Future Trends in Pharmaceutical Distribution, research project for **Cardinal Health**, July – October, 2005.

“Managing Risk in the Supply Chain”, keynote at **Boston Scientific**, Global Procurement and Logistics Council, October, 2005.

“Current Trends in the Retail CPG Supply Chain”, keynote at **GlaxoSmithKline** Consumer Executive Retreat, Gettysburg, PA, August 2005.

“Supply Market Intelligence”, presentations at **Institute for Supply Management**, Philadelphia, PA, May, 2004.

Executive Education Program – **Visteon, Caterpillar, Mary Kay Cosmetics, Borg Warner** (Shanghai, China). June 23-July 3, 2005.

Executive Education Program- Customer Focused Supply Chain Management – **Haier, GlaxoSmithKline, Bayer**, others (Shanghai, China)– January 12-15, 2005.

“Creating a Template for Supplier Alliances”, research project for **Progress Energy**, January, 2005.

Speaker – **Valeant Pharmaceuticals, Global Procurement Team Meeting**, Costa Mesa, California, August 2004.

“How Mature is Your Supply Chain?”, presentation at **Institute for Supply Management**, Philadelphia, PA, April, 2004.

“Key Skills and Knowledge for the Supply Manager of the Future”, presentation at **Institute for Supply Management**, Philadelphia, PA, April, 2004.

Speaker at Supply Chain Redesign forum, **Suncor Energy**, Calgary Alberta, January 29-30, 2004.

Supply Chain Management, **Bank of America**, Executive Education Certification, October-November 2003.

Global Webcase – Creating Customer Value in the Life Sciences Supply Chain, **GlaxoSmithKline**, November 2003.

Supply Chain Simulation, Global Logistics Team, **GlaxoSmithKlein**, Bracknell, UK, July, 2003.

Best Practices in Supply Management Guest Speaker at Senior Leadership Meeting, **Curtis-Wright Motion**, Charlotte, NC, January 2003.

Creating Value in the Supply Chain, Seminar for Advanced Leadership Program, **Home Depot**, Atlanta, GA, November 2002, January 2003.

Understanding the Global Supply Chain, Executive Education certification for the Automotive Airbags Division and All Manufacturing Associates, **Milliken Corporation**, October, 2002, January 2003 – November 2003, January 2004 – October 2004.

Cycle Time Reduction, Executive Education seminar for 400 Supply Chain Leadership Managers, **Milliken Corporation**, January, 2003 – December 2003 Spartanburg, SC.

Customer Focused Supply Chain Management, Executive Education seminar for 800 Supply Chain Leadership Managers, **Milliken Corporation**, January, 2002 – December 2003 Spartanburg, SC.

Supply Chain Re-design, presentation to **General Motors** Order-to-Delivery Supplier Council, September, 2002, Warren, Michigan.

Implementation of Reverse Auctions in the Pharmaceutical Industry, presentation to the Joint Meeting of the **Institute for Supply Management-Pharmaceutical Forum and Drug, Chemical, and Allied Trades** group, New Jersey, September, 2002.

Executive Education Seminar, **Sinclair-Knight Mertz** Senior Management School, Melbourne, Australia, September, 2002.

INCAE Supply Chain Management Executive Education Seminar, Quito, Ecuador, September, 2002.

Supply Chain Management Executive Education Program, Milliken Corporation, February – November, 2002. Project-based training program developed and delivered for 450 associates in the Performance Products Division at **Milliken Corporation**.

Supply Chain Management Executive Teaching Series, **Sinclair Knight Mertz**, Melbourne, Australia, September 15-22, 2001.

Supply Chain Management Executive Education Short Program, **INCAE**, Guatemala City, Guatemala, August 3-5, 2001.

“The Integrated Supply Chain”, Track Chair and Presenter, Supply Chain Management, **Southern Automotive Manufacturing Conference**, Greenville, SC, April 2002.

“Are You Ready for the B2B Supply Chain?” presentation to the **Association for Manufacturing Excellence**, October, 2002, Raleigh, NC.

Consulting project, **CCX Corporation**, Charlotte, NC, January 2002.

Supplier Integration into New Product Development: The Impact of B2B, Presentation at the “New Product Development in the Supply Chain” meeting of the **Management Roundtable**, Phoenix, AZ, January 29-30, 2001.

B2B Supply Chain Management, Presentation to **General Motors** Advanced Purchasing All-People’s Meeting, August 15, 2000, Warren, Michigan.

Supply Chain Management 202, Executive Training Series for 300 Supply Managers, **Federal Express Corporation**. Development and delivery of the following two-day modules: “Supply Chain Strategy and Performance Measurement” (July 20-21 1998, October 19-20 1998, July 12-16, 1999), “Commodity Strategy Development” (August 21-22 1998, November 17-18 1998, August 17-20, 1999, November 4-6 1999, July 2000, August 2000), “Supplier Development and Supply Base Management (November 19-20, 1998, July 2000, August 2000, November 4-9, 2000,), “Strategic Cost Management” (March 20-21, 1999, February 2-4, 2000, July 2000, August 2000).

Consulting Project, **Cabot Microelectronics**, Aurora, Illinois, August - December 2000.

Supply Chain Management training program, **Reliant Energy**, Houston, TX, April 2000.

“Global Manufacturing and Supply Chain Management”, Managing the Global Enterprise Symposium, University of South Carolina, May 9, 2000.

“E-Commerce: What it Means to You”, **NC Aggregates** Conference, Charleston, SC, May 11, 2000.

“Negotiation and Cost Management Strategies”, May 3, 1999, **NSK Corporation**, Ann Arbor, MI.

“Negotiation and Relationship Management in Supply Chains”, December 1998, **John Deere Corporation**, December 12-13, 1998, Moline, IL.

Keynote Speaker, Global Business Forum, “Cutting-edge Technology in Global Logistics Management, Daniel Management Center, University of South Carolina, Charleston, SC, November 6, 1998.

Evaluation of Doctoral Program in Operations Management, University of Toledo, October 1998, Ohio Board of Regents.

“Purchasing and Supply Chain Management”, seminar series, **Vitro Corporativo**, November 6-8, 1997, March 19-21, 1998, April 16-18, 1998, Monterrey, Mexico.

“Negotiation and Relationship Management in Supply Chains”, January 1997, September 1997, February 1998, **Prince Corporation**, Holland, MI.

“Negotiation and Relationship Management in Supply Chains”, January 1998, **Union Pacific Corporation**, Omaha, NE.

“Contracting and Purchasing Legal Issues”, Seminar, **NSK Corporation**, October 10-12, Ann Arbor, Michigan.

“Supply Chain Management”, presentation to **Mohawk Ltd.** Syracuse, New York, October 4, 1997.

"Supplier Development and Quality Management", Presenter and Benchmarking Workshop Group Leader, *Implementing Integrated Strategic Sourcing Seminar*, Michigan State University, June 1-6, 1997.

“Strategic Supplier Development”, NAPM Columbus Chapter Dinner Meeting, May 12, 1997, Columbus, Ohio.

"Supplier Integration into New Product Development", with Robert Monczka, Robert Trent, Gary Ragatz, and David Frayer, workshop presentation, National Association of Purchasing Management National Conference, May 3, 1997.

“Total Cost Management Workshop”, NAPM Fox Valley, Madison, WI, March 15, 1997.

“Purchasing Effectiveness Measurement”, **Mead Corporation**, Dayton, OH, January 26, March 5, 1997.

“Purchasing Best Practices Workshop”, **Colgate Palmolive**, New York, NY, March 4-5, 1997.

“Purchasing Performance Index Measurement System”, **Mead Corporation**, Dayton, OH, January, 1997 - March, 1997.

“Sourcing Management: Implementing the Integrated Supply Chain”, January, April 1997, Steelcase Corporation, Grand Rapids, MI.

“Developing a Purchasing Training Program for Buyers”, December 1996, Colgate Palmolive, New York, NY.

“Implementing Integrated Supply Chain Management”, Workshop Seminar Series, **Turkish Petroleum A.O.**, Petroleum Exploration Division, May 22-23 (Guluk, Turkey), June 5-6 (East Lansing, MI), June 16-17, (East Lansing, MI).

"Supplier Development and Quality Management", Presenter and Benchmarking Workshop Group Leader, *Executive Purchasing and Materials Management Seminar*, Michigan State University, June, 3-8, 1996.

“Strategic Sourcing Workshop”, **ITT Avionics Group**, Purchasing / Planning Department, May 5-6, 1996, Fort Wayne, Indiana.

“Information Technology/Systems Application - Leading Edge Innovations”, Workshop Leader, NAPM Annual International Conference, April 30, 1996, Chicago, IL.

“Deploying Benchmarking Results" Focus Group Facilitator, Global Electronic Benchmarking Network Partner Companies Roundtable, April 17-18, 1996.

“Best Commodity Strategy Practices”, **Mead Corporation**, Chilcothe, OH, January 10, 1996.

“Global Sourcing and International Purchasing”, NAPM - Carolinas-Virginia Annual Purchasing Seminar, Pinehurst, NC, December 8 - 9, 1995.

"Environmentally Responsible Manufacturing: New Challenges, Hidden Opportunities", with Steven Melnyk, *APICS International Conference & Exhibition*, October 22-27, 1995.

"Supplier Development and Quality Management", Presenter and Benchmarking Workshop Group Leader, *Executive Purchasing and Materials Management Seminar*, Michigan State University, June, 5-9, 1995.

"Benchmarking through the Global Procurement and Supply Chain Electronic Benchmarking Network", with Robert Monczka and Ernie Nichols, workshop presentation, National Association of Purchasing Management National Conference, May 23, 1995.

"Information Systems, Technology, Procurement, and Supply Chain Management - A View to the Future", with Robert Monczka and Ernie Nichols, workshop presentation, National Association of Purchasing Management National Conference, May 23, 1995.

"Cross-functional, Cross-organizational, Cross-locational Integration", presentation to the Global Electronic Benchmarking Network Partner Companies Roundtable, May 1-3, 1995.

"Creating Supplier Alliances," Focus Group Facilitator, Global Electronic Benchmarking Network Partner Companies Roundtable, May 1-3, 1995.

"Presentation of Results from Supplier Alliance Module," with Gary Ragatz, Global Electronic Benchmarking Network Partner Companies Roundtable, March 1, 1995.

Employee Training Seminar Workshop - Total Quality Management, Spartan Motors Inc., Charlotte, Michigan, May 9-10, 1995

"TQM Goes Global", invited speaker at the Greater Lansing International Business forum, April 12, 1994.

"Emerging Issues in Global TQM Practices", presentation to the International Business Center Industry Advisory Panel, Michigan State University, December, 1993.

"Managing Component Life Cycles in High-tech Environments", training seminar, NAPM - Central Michigan 17th Annual Higgins Lake Executive Retreat, October 8, 1993.

"The Road to Total Quality Management", Workshop Presentation, Training Division of Honeywell, Inc., Minneapolis MN, May 6, 1993.

"Global Sourcing: Patterns of Development", Workshop Presentation, NAPM - Central Michigan monthly chapter meeting, November 17, 1992.

"International Purchasing Practices in Foreign and American Multi-national Firms", Workshop Presentation, National Association of Purchasing Management National Conference, Orlando, Florida, May 1992.

"The Role of Purchasing in Managing Leadtimes", Workshop Presentation, National Association of Purchasing Management National Conference, May 1991.

Certification in Purchasing Management Review training seminar, Newport News Shipbuilding, Inc., January - March, 1992.

Industry Benchmarking Reports

Global Procurement and Supply Chain Benchmarking Initiative: Pilot Module Report, co-author, 1994, Technical Report, Michigan State University, East Lansing, MI.

Global Procurement and Supply Chain Benchmarking Initiative: Strategic Supplier Alliances, Best Practice Report, co-author, 1995, Technical Report, Michigan State University, East Lansing, MI.

Global Procurement and Supply Chain Benchmarking Initiative: Best Commodity Family Strategy, Best Practice Report, co-author, 1995, Technical Report, Michigan State University, East Lansing, MI.

Global Procurement and Supply Chain Benchmarking Initiative: Supplier Integration into New Product Development, Best Practice Report, co-author, 1996, Technical Report, Michigan State University, East Lansing, MI.

Global Procurement and Supply Chain Benchmarking Initiative: Integrated Supply Chain Management, Best Practice Report, co-author, 1996, Technical Report, Michigan State University, East Lansing, MI.

Global Procurement and Supply Chain Benchmarking Initiative: Procurement and Supply Chain Performance, Best Practice Report, co-author, 1996, Technical Report, Michigan State University, East Lansing, MI.

Global Procurement and Supply Chain Benchmarking Initiative: Supplier Development, Best Practice Report, co-author and project leader, 1996, Technical Report, Michigan State University, East Lansing, MI.

Teaching

Supply Chain Relationships (MBA) – development and delivery of a new class utilizing supply chain simulations to model and manage supply chain relationships, North Carolina State University.

Supply Chain Management: A Process Approach (MBA), curriculum development and delivery of new 5 credit class on SCM, Fall, 1998, Michigan State University.

Negotiation and Relationship Management (Program in Integrative Management – Weekend MBA), Fall 1998, Michigan State University, team taught with Professor Lloyd Rinehart.

Supply Chain Management (Executive MBA – Advanced Management Program), Troy, MI, Michigan State University AMP, Spring, 1998.

Supply Chain Management: Tactical & Strategic Perspectives (MBA), Michigan State University (9 semesters)

Supply Chain Management (undergraduate junior - 600 students per semester), Michigan State University (4 semesters).

Operations & Purchasing Management (undergraduate junior), Michigan State University (3 semesters).

Procurement and Supply Chain Management (undergraduate senior), Michigan State University (4 semesters).

Quantitative Methods (Executive MBA), Old Dominion University (1 semester).

Strategic Production Policy (undergraduate senior), Old Dominion University, (1 semester).

Introduction to Operations Management, (undergraduate junior) Old Dominion University (6 semesters).

Quantitative Methods, Old Dominion University, (2 semesters).

Introduction to Operations Management, University of North Carolina (3 semesters).

Research Appointments

Advisor to the White House Council of Economic Advisors, January 2022.

Executive Director, Supply Chain Resource Consortium, raised over \$500,000 annually to form an industry-university partnership with 15 Fortune 500 companies focused on research and recruiting in supply chain management.

Board Member, Center for Advanced Purchasing Studies, 2022.

Primary Investigator, Ethical Apparel Index Research Project, funded by the Templeton World Charitable Foundation.

Faculty Research Associate in the Global Procurement and Supply Chain Benchmarking Initiative at Michigan State University, 1994-1999.

Research Director of the Michigan State University Negotiation and Relationship Management Research Project, 1996-1999.

Editorial Activities and Service to the Profession

Editor-in-Chief, [*Logistics*](#), 2016 – present.

Editor-in-Chief - *Journal of Operations Management*, 2001 – 2006. ***Succeeded in improving citation index and impact factor for JOM from #5 to #1 in the field of operations management in a five-year period.***

Editorial Advisory Board – *Journal of Supply Chain Management*, July 2005 – present.

Area Editor – Supply Chain Management - *Decision Science Journal*, 2002 – present.

Editorial Advisory Board – *International Journal of Physical Distribution and Logistics Management*

Editorial Advisory Board – *International Journal of Operations and Production Management*

Editorial Board – *Supply Chain Management Review*

Editorial Board – *Journal of Integrated Supply Chain Management*

Associate Editor - *Cycle Time Research Journal*

Editorial Advisory Board - *International Journal of Logistics: Research and Applications*

Editorial Advisory Board - *Quality Management Journal*

Editorial Review Board – *Journal of Supply Chain Management*

Environmental Issues Theme Chair – 1999 Decision Sciences Institute Meeting, New Orleans

Publications Committee Member, Decision Sciences Institute, 1997

Co-editor, Special Issue on “Theory Building in Operations Management, *Journal of Operations Management*, 1998

Reviewer - *Management Science*

Reviewer – *Strategic Management Journal*

Reviewer - *Omega - The Management Science Journal*

Reviewer - *Journal of International Marketing*

Reviewer - *Academy of Management Journal*

Reviewer - *European Journal of Operational Research*

Reviewer - *International Journal of Production Economics*

Reviewer - *Operations Management Review*

Reviewer - *International Journal of Operations and Quantitative Management*

Reviewer - NAPM Academic Conference

Reviewer - Decision Science Institute Conference.

Reviewer - Strategic Research Grant - Social Sciences and Humanities Research Council of Canada

Reviewed *Operations Management: An Introduction*, by Finch and Luebbe, The Dryden Press, November 1992.

Reviewed *Purchasing and Materials Management: Text and Cases*, by Dobler, Burt, and Lee, Sixth Edition, McGraw-Hill, 1995.

Reviewed *Operations Management*, by Bernard Taylor, 1996.

Reviewed *Operations Management*, by Jack Meredith, 1996.

Vice-President of Education, Tidewater APICS Chapter. 1990-1992.

Service

NC State University, Chair, Operations and Supply Chain Management Hiring Committee (resulting in hiring of Jennifer Blackhurst, starting in August 2002). Sole representative of NCSU Operations Management Group interviewing candidates for the position at the 2001 Decision Sciences meeting.

NCSU Masters Thesis Committees (2008-2009)

Ronalds Gonzalez, Wood and Paper Science

Natalia Barreto, Wood and Paper Science

Zhe Zheng, Computer Science (PhD Thesis)

Adrian Pirraglia, Wood and Paper Science

Ram Narasimhan, IMSE

Doctoral Dissertation Committees at Michigan State University

Kenneth Peterson, (Information Systems and Supply Chain Management), 1998.

Tom Scannell (Operations Management), 1998.

Jayanth Jayaram, (Operations Management), 1998.

Ajay Das, (Operations Management), 1998.

Mark Pagell (Chair - Operations Management), 1996

James Patterson (Chair - Purchasing), 1996

Chris Bechtel (Chair - Purchasing), 1996

Michael Wasserman (Strategy), 1996

Jayaram Jayarant (Operations Management), 1996

Ajay Das (Purchasing), 1996

Keah Choon Tan (Operations Management), 1995

Vijay Sondhi (Operations Management), 1993

Steven Lyman (Operations Management), 1993

Sheldon Smith (Accounting), 1992

Robert Trent (Purchasing), 1992

Committee Service at Michigan State University:

Undergraduate Supply Chain Management Curriculum Committee (1996-1998)

MBA Supply Chain Management Curriculum Committee (1996-1998)

MBA International Business Course Curriculum Committee (1996)

Operations Management Search Committee (1995, 1996)

Purchasing Comprehensive Exam Committee (1992 - present)

Operations Management Exam Committee (1992 - present)

Honors College Advisor (1992-present)

Materials and Logistics Management Student Advisor (1992-present)

Doctoral Student Admissions Committee (1993-present)

Center for International Business Education, Committee member (1993-present)

Organizational Behavior Candidate Search Committee (1995)

Purchasing Candidate Search Committee (1995)

Management Department Teaching and Advisory Committee (1992-1995)

Doctoral Student Handbook Committee (1994)

Faculty Representative, Student Chapter, American Society for Quality Control, Michigan State University, 1995-1997.