

CURRICULM VITAE

ANTHONY D. ROSS Sr. , Ph.D.
Leggett & Platt Missouri Distinguished Professor of SCM
Chairperson, Department of Management &
Associate Dean for Research and Doctoral Programs
Robert J. Trulaske, Sr. College of Business
University of Missouri-Columbia

Education **Ph.D., Business Administration and MBA** (Decision Science & Production Operations Management), Kelley School of Business, Indiana University-Bloomington.
B.A., Computer Science, OLL University

Administrative Appointments **Associate Dean for Research and Doctoral Programs**, Sept. 2021-present University of Missouri, Trulaske College of Business

Duties and Responsibilities include:

- Assistance with development and implementation of the college's strategic plan, as well as measurement and tracking of research performance relative to College and University strategic priorities.
- Manage and oversee the College's PhD programs. Work closely with each department's doctoral coordinators and research active faculty to improve doctoral student recruiting, publishing, and placement.
- Initiate and support the delivery of high-quality research initiatives for the PhD program.
- Support faculty research and development efforts, including the promotion and oversight of outside grants and contracts.
- Manage staff and ongoing operations, including fiscal operations, the development of new courses and programs and responding to the needs of PhD students.
- Manage and implement the college's faculty and alumni awards.
- Manage, coordinate, and monitor the usage of research databases throughout the college.
- Interface with the college's Research Development Advisory Committee.
- Serve on the University Council of Research, ad hoc member of the PhD Policy Committee.
- Launch College Research Newsletter and webpage footprint for the research brand.

Management Department Chairperson, Sept 2020-present, University of Missouri, Trulaske College of Business

Duties and Responsibilities include:

- Provide leadership, development and mentoring to departmental faculty to enhance scholarly achievement, research and publishing culture with the department.
- Work closely with the department's doctoral coordinator and research active faculty to improve doctoral student recruiting, publishing, and placement.
- Apply salary merit processes based on faculty performance in teaching, research, and service.

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- Create and support a high-quality academic culture that stresses engagement, innovation, and collegiality in both research and teaching.
- Develop recommendations for hiring, tenure, promotion and evaluation of staff and both full-time and part-time faculty.
- Support the delivery of high-quality teaching across BS/BA, MBA, and PhD programs with special attention to the creation and delivery of new programs having strong potential for net new revenue generation.
- Manage departmental staff and ongoing operations, including course scheduling, fiscal operations, the development of new courses and programs within the department, and responding to the needs of students.
- Engage with alumni and other external constituents to leverage their expertise and to encourage ongoing financial support of the Department, College, and University. This would necessarily involve strengthening the department's current advisory board.
- Work with the dean, associate and assistant deans to be a member of the College's leadership team to advance the College's goals and the vision for the College identified by the dean.

Founding Director, Supply Chain Management Institute, 2011-2019. University of Wisconsin-Milwaukee, Lubar School of Business
SCMI was the first on-campus center to successfully identify and cultivate industry relationships for donor cultivation, development and stewardship. This led to 100% external support from corporate stewardship via a 3-5 year membership model. Other sources of operational support include new executive education-style short-course programs, commissioned industry studies, and pursuit of federal grants; Developed and monitored annual operating budget performance; responsible for one staff of one Associate Director, 4-5 student workers engaged on company projects; lead the design and conduct of various industry research projects and white papers.

Duties and responsibilities include:

- Work with various faculty in several academic departments, students within the Lubar School of Business, faculty in several campus colleges, and various industry constituents.
- Work with UWM school-level and campus-level development directors.
- Cultivation of faculty-to-faculty relationships across non-business disciplines to support the industry project engagements of SCMI.
- Develop community outreach programs that promote the supply chain discipline to public schools in the Milwaukee region.
- Interact with state-level officials at Wisconsin Economic Development Corporation (formerly state Department of Commerce) and US Department of Defense to develop initiatives targeting SME manufacturers around the state.
- Deliver various executive education modules and programs focused on SCM.

Director, Logistics Doctoral Program Michigan State University, Eli Broad College of Business, 2007-2009.

Serve as the primary contact point for current students, current applicants, and all potential applicants to MSU's Broad School Logistics PhD Program. Collaborate closely with all faculty on admissions procedures, application reviews annual; Collaborate with faculty on doctoral student assignments, annual evaluation of student performance and progress towards completion; Participate on college-level doctoral program committee

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reporting to Associate Dean for Research; Developed and oversaw formal acceptance of first comprehensive student handbook for all supply chain (logistics, purchasing and operations management) doctoral students in the program; Work closely with department chairperson and campus Graduate School staff on coordination of all student programmatic issues.

Academic Appointments

- Professor and the Leggett & Platt Missouri Distinguished Professor of Supply Chain Management** (August 2019-present): Robert J. Trulaske, Sr College of Business, University of Missouri, Columbia, Missouri
- Professor and the Rockwell Automation Endowed Chair in Supply Chain Management** (2010-August 2019): **Founding Director, Supply Chain Management Institute (SCMI)**, Sheldon B. Lubar School of Business, University of Wisconsin-Milwaukee, Milwaukee, Wisconsin.
- Associate Professor of Supply Chain Management** (2000-2010): Department of Supply Chain Management, Eli Broad Graduate School of Management, Michigan State University, East Lansing, Michigan. (tenured in 2002)
- Assistant Professor Operations Management** (1995-2000): Lowry Mays College and Graduate School of Business, Texas A&M University.
- Associate Instructor** (1991-1995): Kelley School of Business, Indiana University-Bloomington.

Journal Publications

- Google Scholar Citations: 2500, h-index = 25 , I10-index = 30**
- [38] Aydas O., Ross, A., Scanlon, M., and Aydas, B. “Short-term Nurse Schedule Adjustments Under Dynamic Demand“, *Journal of the Operational Research Society, forthcoming, 2022.*
- [37] Alavi, S., Petering, M., and Ross, A. “Shipment Consolidation Scheduling and Inventory Control for a Two-Echelon Supply Chain“, *International Jrnl of Logistics Systems and Management, forthcoming, 2022.*
- [36] Aydas, O., Ross, A., Parker, H., and Alavi, S. “Using Efficiency Frontiers to Visualise Suppliers’ Performance Capabilities” Moving Beyond Supplier Rationalisation”, *Journal of Business Analytics, 2021*
DOI: [10.1080/2573234X.2021.1999179](https://doi.org/10.1080/2573234X.2021.1999179)
- [35] Peoples, J., Trick, S., and Ross, A. “Driver Turnover in the Trucking Industry: What’s the Cost of Reducing Driver Quit Rates? “, *Transportation Economics, Research in Transportation Economics, Vol. 89, 101-129, 2021.*
- [34] Aydas O., Ross, A., Scanlon, M., and Aydas, B. “New Results on Integrated Nurse Staffing and Scheduling: The Medium-Term Context for Intensive Care Units“, *Journal of the Operational Research Society, vol 72, Issue 12, 2631-2648, 2020.*
- [33] Aydas, O., Ross, A, and Parker, H. “Exploring Country-level Logistics Infrastructure Market Potential, Trade Exports Among Developed and Emerging Markets”, *Journal of Transport and Supply Chain Management, vol. 14, 2020.*
- [32] Omwando, T., Otieno, W., Farahani, S. and Ross, A. D. “A Bi-Level Fuzzy Analytical Decision Support Tool for Assessing Product

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- Remanufacturability”, *Journal of Cleaner Production*, Vol. 174, 2018, 1534-1549.
- [31] Wu, D. and Ross A., “Pricing Optimization Channel, and Uncertainty”, *International Journal of Production Research*, 56:5, 2018, 1733-1737. Co-editors’ Introduction to the Special Issue.
- [30] Ross, A., Khajehnezhad, M., Otieno W., and Aydas, O. “Integrated Location-Inventory Management Under Forward and Reverse Product Flows in a Multi-Echelon Distribution System” *European Journal of Operational Research*, Vol. 259, Issue 2, 2017, 664-676. * **EJOR Editor’s Choice Award**
- [29] Ross, A., Kuzu, K., Li, W. “Exploring Supplier Performance Risk and the Buyer’s Role Using Chance-Constrained Data Envelopment Analysis” *European Journal of Operational Research*, Vol. 250, issue 3, 2015, 966-978.
- [28] Petering, M., Aydas, O., Kuzu, K. and Ross, A.D. “Triple Bottom Line Analysis of Alternative Reimbursement Policies and Configurations for a Hospital Intensive Care Unit with Early Patient Discharges and Readmissions,” *Journal of Simulation*, 2014
- [27] Ross, A.D., Droge, C., Parker, H., Benavides, M.M. “Sustainability and Supply Chain Infrastructure,” *Management Decision*, Volume 50, Issue 10, 2012, 1891-1910.
- [26] Buffa, F., and Ross, A. “A Model to Measure the Consequences of Using Diverse Supplier Evaluation Teams” *Journal of Business Logistics*, Volume 32, Issue 1, 2011, 55-68. **2008 E. Grosvenor Plowman Best Paper Award**
- [25] Ross, A., Miller, S. and Carpenter, M. “When Methods and Theories Collide: Toward a Better Understanding of Improving Unit Performance in a Multimarket Firm,” *Operations Management Research*. Volume 3, Issue 3, 2010, 172-183.
- [24] Ross, A., Jayaraman, V., Rodrigues, A. and Mollenkopf, D. “A Simulation Metamodel for Repositioning Reusable Containers in a Closed Loop Supply Chain Environment,” *International Journal of Mathematics of Operations Research*. Volume 2, Issue 2, 2010, 178-204.
- [23] Ross, A. and Jayaraman, V. “Strategic Purchases of Bundled Products and Services in a Closed-Loop Supply Chain Environment,” *Decision Sciences Journal*. Volume 40, Issue 2, 2009, 269-294.
- [22] Ross, A., Twede, D., Clark, R. and Ryan, M. “A Model for Developing Implementation Strategies of a Radio Frequency Identification System in a Warehouse Environment,” *Journal of Business Logistics*. Volume 30, Issue 1, 2009, 157-184.
- [21] Ross, A. and Buffa, F. “Supplier Post Performance Evaluation: The Effects of Buyer Preference Weight Variance,” *International Journal of Production Research*. Volume 47, Issue 16, 2009, 4351-4373.
- [20] Ross, A., Buffa, F., Droge, C. and Carrington, D. “Using Buyer-Supplier Performance Frontiers to Form Strategic Groups and Improvement Paths for Managing Relationship Performance,” *Decision Sciences Journal*. Volume 40, Issue 1, 2009, 37-64.

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- [19] Mueller, T., Parker, H. and Ross, A. "Conflict Reduction in Crossfunctional Projects in South African Automotive Firms." *Acta Commercil South Africa Journal*. Volume 28, Issue 12, 2008, 231-240.
- [18] Jayaraman, V., Agarwal., A. and Ross, A. "The Role of Information Technology and Collaboration in Reverse Logistics Supply Chains," *International Journal of Logistics Research and Applications*. Volume 11, Issue 6, 2008, 409-425.
- [17] Weatherspoon, D. and Ross, A. "Designing the Last Mile of the Supply Chain in Africa: Firm Expansion and Managerial Inferences from a Grocer Model of Location Decisions," *International Journal of Food and Agribusiness Management*. Volume 11, Issue 1, 2008, 1-18.
- [16] Carr, A., Kaynak, H., Hartley, J., and Ross, A. "The Role of Buyer's Power in Managing Relationships with Key Suppliers: The Buyer's Perspective," *International Journal of Operations and Production Management*. Volume 28, Issue 9, 2008, 899-912.
- [15] Ross, A. and Jayaraman, V. "A New Formulation and Heuristic approach to Crossdock Network Design," *Computers and Ind. Engineering*. Volume 55, Issue 1, 2008, 64-79.
- [14] Wu, F., Zsidisin, G., and Ross, A. "An Examination of Integrative and Transactional e-Procurement Applications: A Transaction Cost Perspective," *IEEE Transactions on Engineering Management*. Volume 54, Issue 3, 2007, 576-587.
- [13] Ross, A.D., V. Jayaraman & P. Robinson. "Optimizing Service Delivery Using Cost-to-Serve Approach." *International Journal of Production Research*. Volume 45, Issue 1, 2007, 83-101.
- [12] Ross, A.D., Buffa, F., Droge, C. and Carrington, D. "Supplier Evaluation in a Dyadic Relationship: An Action Research Approach," *Journal of Business Logistics*, Volume 27, Issue 2, 2006, 75-101.
- [11] Ross, A., and Ernstberger, K. "Benchmarking the IT Productivity Paradox in the Manufacturing Sector." *Mathematical and Computer Modelling*. Volume 44, 2006, 30-42.
- [10] Narasimhan, R., Talluri, S., Sarkis, J. and Ross, A. "Efficient Service Delivery Network Design in Government Services," *Journal of Operations Management*. Volume 23, 2005, 163-178.
- [9] Ross, A.D. and Droge, C. "Analysis of Operational Efficiency in Large-scale Supply Operations." *Journal of Operations Management*. Volume 21, Issue 6, 2004, 673-688.
- [8] Ross, A.D., and V. Jayaraman. "Distribution Network Design and Management: A Methodology and Investigation." *European Journal of Operational Research*. Volume 144, Issue 3, 2003, 629-645.
- [7] Ross, A. "A Multi-dimensional Empirical Investigation of the Relationship Between IT Investment, Coordination, and Firm Performance." *International Journal of Physical Distribution and Logistics Management*. Volume 32, Issue 7, 2002, 591-609.

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- [6] Ross, A. and C. Droge, C. “Integrated Benchmarking Approach for Distribution Center Performance,” *Journal of Operations Management*. Volume 20, Issue 1, 2002, 19-32.
- [5] Murthy, I., Ross, A., Olson, D. and Venkataramanan, M. “Bi-criterion Distribution Planning for Agricultural Power Fuels.” *Information Systems and Operational Research*. Volume 39, Issue 1, 2001, 4-16.
- [4] Ross, A.D. “A Two-phased Approach to the Supply Network Reconfiguration Problem.” *European Journal of Operational Research*. Volume 122, Issue 1, 2000b, 18-30.
- [3] Ross, A.D. “Performance-based Strategic Resource Allocation in Supply Networks.” *International Journal of Production Economics*. Volume 63, Issue 3, 2000a, 255-266.
- [2] Bretthauer, K., Ross, A. and Shetty, B. “Nonlinear Integer Programming for Optimal Allocation in Stratified Sampling.” *European Journal of Operational Research*. Volume 116, Issue 3, 1999, 667-680.
- [1] Ross, A.D., Venkataramanan, M., and Ernstberger, K. “Reconfiguring the Supply Network Using Current Performance Data,” *Decision Sciences*. Volume 28, Issue 3, 1998, 707-728.

Other Publications

Trade Magazine

- Kosfeld, M. and Ross, A.D. “The Changing Tide of Corporate-University Relations,” *forthcoming in Supply Chain Management Review Magazine*. September 10, 2018.
- Kosfeld, M., and Ross, A.D. “Supply Chain Rising: A New Star in the C-Suite”, *Supply Chain Brain*, May, 2017.
- Ross, A.D., “Route Roulette: The Impacts of the Panama Canal Expansion” *Journal of Commerce Breakbulk Magazine*. July/August 2014, 22-28.
- Ross, A.D. “Supply and Logistics Partnering Improve Use of Vessels.” *Offshore*. Volume 58, Issue 8. 1998.

Non-Refereed Monographs and Teaching Cases

- Ross, A.D. and Kosfeld, M. “Designing a Distribution System at Goodwill Industries,” 2016. **CSCMP National Teaching Case Award** (over 65 downloads for use).
- Ross, A.D. “The Impacts of the Panama Canal Expansion on Breakbulk Shippers,” Supervised Student Research Report, UW-Milwaukee Supply Chain Management Institute. 2012.
- Ross, A.D. “Global Supply Chain Comes Under Scrutiny,” *Breakwater Business*. Volume 10, Issue 2, 26, 2009.
- Bowersox, D., Closs, D., Keller S., and Ross, A. “Radio Frequency Identification Technology: Case Studies and Simulation Analyses of Three Manufacturers Tangible and Intangible Returns on Investment.” 2005.
- Narasimhan, R., Talluri, S. and Ross, A. “Focus Study: Evaluating E-Procurement Solutions” *Caps Research Report*, Center for Advanced Purchasing Studies. 2003.

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- Ross, A.D. "Developing Talent Today for Supply Chains of Tomorrow." *Manufacturing Executive Journal*. March 2011, 30-35.
- Robinson, E.P., and A.D. Ross. "Establishing 3rd Party Logistics Services." *Strategic Logistics Management* 4th edition, eds. J. Stock and D. Lambert J. Stock and D. Lambert. 2000, 793-830. * **1998 CSCMP National Teaching Case Award.**
- Robinson, E. P. and A.D. Ross. "Design for Manufacturability: A Tinker Toy Exercise." in use in the MBA and E-MBA program, Mays College of Business, Texas A&M University. 1997- 2006.
- Robinson, E.P. and A.D. Ross, "Process Capability Exercise: Toy Story Part Deux," used by the MBA and E-MBA program, Mays College of Business, Texas A&M University. 1997-2006.
- Venkataramanan, M.A. and A.D. Ross. "Southernmaid, Inc." Invited case for the Master's in Business Administration. The J.L. Kellogg Graduate School of Management-Northwestern University Program. 1996.

Conference Presentations/ Proceedings

- Otieno, W., Ross, A., Osman, A., and Omwando, T., "Labor Capacity Assignment Model for Remanufacturing Environments," 2015 International Conference on Remanufacturing (ICoR), pp. 235-246, June 2015.
- Aydas, O., Scanlon, M., Kuzu, K. Ross, A. "Nurse Allocation Policy Evaluation and Analysis of Admissions in an Intensive Care Unit", 2015 INFORMS Conference, Philadelphia.
- Ross, A. and Li, W. "Exploring Effective Solutions of CCDEA Using Initial Search Point Selection" POMS, Chicago, 2012.
- Agarwal, A., Jayaraman, V. Ross A. "Estimating Resources and Minimizing Penalties under Volatile Demand in Lean Supply Chains " POMS Chicago, 2012.
- Ross, A. and Li, W. "Supplier Evaluation and Resilient Base Identification in Presence of Supply Disruptions", 2012 INFORMS Conference, Phoenix.
- Parker, H. and Ross, A. "Logistics Infrastructure and Efficiency." *Proceedings of the International Symposium on Logistics*, Cape Town, South Africa. July, 2012.
- Ross, A., Buffa, F., Prahinski, C. and Page, T. "Incorporating Dyadic Effects Within The Supplier Evaluation Process." *Proceedings of the National Meeting of the Decision Science Institute*, San Diego, CA. 2010.
- Droge, C., Parker, H., & Ross, A. (2010). *An exploratory analysis of sustainability and supply chain logistics for emerging markets*. Paper presented at the 52nd Annual Meeting of the Academy of International Business (AIB), "International Business in Tough Times", Rio de Janeiro, Brazil, June 25-29. (Paper ID 111).
- Ross, A., and Parker, H. "Exploring Logistics Capability for Eighty-Nine Emerging and Developed Economies." *Proceedings of the 3rd International Life Cycle Management Conference*, Cape Town, South Africa. 2009.
- Mabaso, M., Parker, H., Ross, A. "Supplier Performance and Collaboration in South Africa's Transport Industry: A Transwerk Case Study" *CSCMP Supply Chain Management Conference*, Johannesburg, South Africa. March 2008.
- Ross, A., and Buffa, F. "A Model to Measure the Consequences of Using Diverse Supplier Evaluation Teams" Winner of E. Grosvenor Plowman Best Paper

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- Award, *Proceedings of the CSCMP Educators' Conference*, Denver, CO. 2008.
- Stading, G., Altay, N., and Ross, A. "Supply Chain Disruption: A Framework for Reconstruction." *Proceedings of the National Meeting of the Decision Science Institute*, 2007.
- Ross, A. and Buffa, F. "A Dyadic Model for Buyer-Seller Relationship Management." *Proceedings of the 8th Intl. Decision Sciences Institute Conference*, Barcelona, Spain. 2005.
- Ross, A. and Jayaraman, V. "An Evaluation of New Heuristics for the Location of Cross-docks and Distribution Centers in Supply Chain Network Design." *Proceedings of the 2004 National Meeting of the Decision Science Institute*, Boston, MA. 2004.
- Kull, T., and Ross, A. "A Comparison of MRP and ROP Inventory Control Logic Across Levels of Inventory Record Inaccuracy," *Proceedings of the 2004 National Meeting of the Decision Sciences Institute*, Boston, MA. 2004.
- Ross, A. "Managing E-procurement Adoption as a Strategic Option," *Proceedings of the 15th Annual Institute for Supply Management Conference*, Tempe, AZ. 2004.
- Ross, A. "An Exploratory Analysis of Resource Congestion: A Resource-based View," 2003 *National Meeting of the Production & Operations Management Society*, Savannah, GA. 2003.
- Ross, A. "Looking for Operations Efficiency in the Supply Chain." *Proceedings of the 2002 National Meeting of the Decision Sciences Institute*, San Diego, CA. 2002.
- Ross, A. "The Relationship Between Firm Performance, Coordination Productivity, and IT Competence Among Leading US Manufacturers." *Proceedings of the 2001 National Meeting of the Decision Sciences Institute*, San Francisco, CA. 2001.
- Ross, A., Venkataramanan, M., and Ernstberger, K. "Multi-Commodity, Multi-Echelon Distribution Planning: A DSS Approach with Application." *Proceedings of the 1997 National Meeting of the Decision Sciences Institute*, San Diego, CA. 1997.
- Ross, A. and Venkataramanan, M. "Simulated Annealing Approaches to Distribution Network Design and Management." *Proceedings of the 1996 National Meeting of the Decision Sciences Institute*, Orlando, FL. 1996.
- Ross, A. "A Methodology for Improving Distribution at CountryMark COOP," *Proceedings of the Third International Conference of the Decision Science Institute*, Puebla, Mexico. 1995.
- Ross, A. "Performance Evaluation of a TSP-based Heuristic for the Changeover Scheduling Problem," *Proceedings of the 1994 National Meeting of the Decision Sciences Institute*. Honolulu, HI. 1994.
- Ross, A. Blocher, J. and Venkataramanan, M.A. "A Network Formulation and Heuristic for the Changeover Scheduling Problem with Sequence Dependency." *Proceedings of the 1994 ORSA/TIMS Technical*

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Manufacturing Conference. Carnegie-Mellon University, Pittsburgh, PA. 1994.

Ross, A., Venkataramanan, M.A., and Murthy, I. "A Decision Support System for the Solid Waste Vehicle Routing Problem." *Proceedings of the National Meeting of the Decision Sciences Institute*. Washington, DC. 1994.

Awards

2021-2022 SEC Academic Leadership Development Fellow, University of Missouri

Each of the 14 SEC member universities selects two to four SEC ALDP fellows per year for a one-year development program. Participants attend two SEC ALDP workshops hosted by different SEC universities and engage in activities on their local campus.

2018 University Wisconsin Madison Chancellor's Community-University Partnership Award for Systems Approach to Food Waste Composting for Urban Agriculture, USDA Sustainable Agriculture Research and Education Grant. Recognizing collaborative work with Industry, Municipal Agencies in Madison and Milwaukee, and cross-disciplinary faculty from multiple UW campuses.

2017 Editor's Choice Research Paper Award at *European Journal of Operational Research*. with Khajehnezhad, M., Otieno W., and Aydas, O. "Integrated Location- Inventory Management under Forward and Reverse Product Flows in a Multi-Echelon Distribution System."

2016 Council of Supply Chain Management Professionals Best Teaching Case Award with M. Kosfeld for "Designing a Distribution System at Goodwill Industries."

2008 Nominee, Withrow Emerging Scholar Faculty Award in recognition of outstanding work done in the areas of teaching, research and service.

2008 Honorable Mention, AT&T All University Teaching Innovation Award for the development and delivery of fully-online capstone course in Global Logistics (this is was part of the premium tuition M.S. SCM degree program targeted for senior-level working professionals).

2008 E. Grosvenor Plowman Best Paper Award for Ross, A. and Buffa, F. "A Model to Measure the Consequences of Using Diverse Supplier Evaluation Teams" Council of Supply Chain Management Professionals Educators' Conference, Denver Colorado. Article is forthcoming in *Journal of Business Logistics*, 2010.

1998 Council of Supply Chain Management Professionals (formerly, Council of Logistics Management) Best Teaching Case Award with E.P. Robinson for "Coastal Logistics Inc.: Establishing 3rd Party Logistics Services," Case also appears in *Strategic Logistics Management*, J. Stock and D. Lambert 4th Ed., pps. 793-830.

Grants

Systems Approach to Food Waste Composting for Urban Agriculture, USDA Sustainable Agriculture Research and Education Grant \$199,000 (collaborators from UW-Madison and UW-Milwaukee), 2017-2019.

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Generate revenue to the Lubar School of Business (2014-present) through external engagement in executive and outreach education.

Corporate Gifts (2011-present) to support UW-Milwaukee Supply Chain Management Institute. Over US\$3 million raised.

Funded MBA Project for Harley-Davidson Motor Company (2012) project titled “A Decision Tool to Support Market Entry Analysis in Discrete Manufacturing” (2012).

DARPA Smart Manufacturing Grant Application (2012), not funded, titled “A Service System for the Real-time Command and Control of Supply Chains for Advanced Manufacturing Enterprises.”

Korean Rail Road Institute, “Investigation and Development of Packaging Standardization for Intermodal Transportation and Unit Load Systems in the United States” (2008), with MSU Professors Twede (PI), Singh, and Burgess.

CIBER Faculty Development in International Business Grant (2008) through Michigan State University Center for International Business Education and Research.

Michigan State University CIBER (2007) for “Dimensions of Change in Buyer-Supplier Relationships: A Multinational Study.”

Broad College Summer Research Grant (2007) for “Understanding Risk and Enhancing Efficiency in Global Supply Chain Networks.”

Broad College Summer Research Grant (2007) for project titled “Technology Deployment Options: A Simulation Analysis.”

Japan Society for the Promotion of Science (2007-2010), Tone, K. (Principal Investigator)

IBM Integrated Supply Chain Group (2004) for project titled “Radio Frequency Identification Technology: A Case Study and Simulation Analysis of Three Manufacturers Tangible and Intangible Returns on Investment,” (Co-PI with Drs. Bowersox and Keller).

Institute for Supply Management (2003) for “Real Options: Enhancing Strategic Flexibility and Value Creation in Supply Management Decisions.”

MSU Supply Chain Collaboratory (2000), research grant collaborator for “Michigan State Univ. Dynamic Simulation Supply Chain Research,” with principal investigators D. Bowersox, and D. Closs.

Center for Advanced Purchasing Studies (CAPS) Research (2000), for project titled “Investigating the Impact of Purchasing Technology Investment on Firm Productivity,” Co-PI with Drs. Narasimhan and Talluri.

Baker Energy Corp. (1999) for project titled “Putting Logistics Resource Sharing to Work in the Gulf of Mexico.”

Texas A&M University grant (1998) for research in logistics performance. \$5000.

CountryMark Co-op (1994) for project titled “Bulkplant Optimization,” with V. Cabot and M. Venkataramanan.

Editorial Activity

Editorial Board Memberships:

Associate Editor (2019-Present), *Decision Sciences Journal*

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Special Issue Co-Editor (2014-17), *International Journal of Production Research*.

Associate Editor (2014-2016), *Journal of Purchasing and Supply Management*.

Associate Editor (2010-2018), *Operations Management Research*.

Member, Editorial Review Board, for the following: *Journal of Operations Management* (2007-2010), *Decision Sciences Journal* (2007-present), *Journal of Business Logistics* (2005-present).

Ad-Hoc Reviewer for the following:

IEEE Transactions on Engineering Management

Journal of Operations Management

Decision Sciences

International Journal of Production and Operations Management

International Journal of Production Research

International Journal of Production Economics

European Journal of Operational Research

Journal of Business Logistics

Production and Operations Management Journal

OMEGA

National DSI Conferences

Academy of International Business Conferences

Doctoral Dissertation Awards Competition (CSCMP, DSI)

Courses Taught

Undergraduate

Supply Chain Cost Management

Supply Chain Strategy

Advanced Spreadsheet Analysis Tools

Procurement and Supply Management

Global Logistics and Trade

Logistics and Transportation Management

Manufacturing Planning and Control

Project Management

Graduate

Supply Chain Management

Competitive Supply Chain and Operations Management Strategy

Global Logistics and Trade

Manufacturing Planning and Control

Decision Support Models

Applied Data Analysis

Doctoral Seminars

Inventory Management, Purchasing Theory, Logistics Theory

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International Teaching Shanghai University-Suzhou (2015); Graduate School of Business, Shanghai China. Deliver new MBA course in supply chain management.

Donald Gordon Visiting Fellow (2007-2010, 2018): Graduate School of Business, University of Cape Town, Cape Town, South Africa. Deliver new supply chain coursework.

Faculty Program Leader (2006-2010): Global Supply Chain Management Study Abroad to Japan.

Program Co-Leader (2005-2006): Faculty Development in International Business Overseas Trip to South Africa and Botswana (FDIB) with Drs. John Metzler and Ernest Betts.

Executive Education

- Two-day Workshop on “Lean Management and Process Public Service Re-design” at Missouri Department of Workers’ Compensation, 2020.
- Two-day Workshop on “Value Stream Mapping and Process Mapping for Public Services” at Missouri Department of Higher Education and Workforce Development, 2019.
- “End-to-End Order Fulfillment and Value Stream Mapping”, Master Lock Company, 2017
- “Re-imaging Customer Service”, Johnson Controls, 2017
- “Supply Chain Fundamentals” (UWM Executive Education, 2011-present, day-long)
- “Supply Chain Trends in the 21st Century”, MWERC, 2015
- Panelist, Day-long International Business Simulation (UWM Strategic Leadership Series 2012-present).
- UWM Supply Chain Management Institute Noon Forum Series (2014-present)
- Kohler Company, Kohler Associates Week (Kohler Co. Sheboygan WI, 2014, 2015) Three-session supply chain program on:
 - “Supply Chain Fundamentals”
 - “Synchronized Procurement”
 - “Customer Focus and the Total Cost to Serve”
- Supply Chain Strategy (MSU Logistics Executive Education Program 2005-2007)
- Introduction to Supply Chain Management (OMSAN Logistics, Istanbul Turkey, 2005-2007)
- The Role of Radio Frequency Identification (RFID) in Supply Chain Management, (MSU Logistics Executive Education Program (2005)
- Six Sigma Design and Manufacturability (Texas A&M University Executive Education Program, 1999)

Conference Committees and Panels Elected National Secretary, Decision Sciences Institute, 2019 Chair, (2019-2021) Ad Hoc Committee for Code of Ethics Chair (2013), DSI New Faculty Development Workshop, Annual Meeting of the Decision Sciences Institute, Baltimore, MD.

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Invited Panelist (2012), DSI New Faculty Development Workshop, Annual Meeting of the Decision Sciences Institute, San Francisco, CA.

Invited Panelist (2011), Defining Markets Outlook Conference, University of Wisconsin-Milwaukee, Milwaukee, WI.

Program Committee Member (2011), Program Committee of DESRIST, Design Science Conference, University of Wisconsin-Milwaukee, Milwaukee, WI.

Invited Panelist (2010), Global Issues in Operations Management, Annual Meeting of the Decision Sciences Institute, Phoenix, AZ.

Program Co-Chair (2010), Mini-Conference on Globalization, Annual Meeting of the Decision Science Institute, San Diego, CA.

Program Chair (2009), SCMEC, Annual Meeting of the CSCMP Supply Chain Management Educators' Conference, September 2009, Chicago, IL.

Program Committee Member (2009), Portland International Center for Management and Engineering Technology Conference, Portland State University, Portland, OR.

Committee member (2008-2011), DSI Doctoral Student Affairs.

Proceedings Coordinator (2008), Annual Meeting of the Decision Science Institute, Baltimore, MD.

Proceedings Coordinator (2008), Council of Supply Chain Management Professionals Educators' Conference.

Track Chair (2007), Supply Chain Management, Annual Meeting of the Decision Science Institute, New Orleans, LA.

Track Chair (1999), Management Science/Operations Research, Annual Meeting of the Decision Science Institute.

Session Chair (1995-2006): Annual DSI Conferences.

Discussant and Reviewer (1994-2000), National DSI Conference

Graduate Advising & Supervising

Graduate Student Committees

Michigan State Doctoral Dissertations:

1. Eric Jackson (member)
2. WenMing Chung (member)

UW-Milwaukee Doctoral Dissertations:

1. Wanxi Li (Chair) "Production Scheduling in Integrated Steel Manufacturing", 2014
2. Osman Aydas (Chair) "Strategic Nurse Allocation Policies Under Dynamic Patient Demand", 2017
3. Thomas Omwando (member, Dept. Industrial Engineering) "A Fuzzy Inference System Approach for Evaluating the Feasibility of Product Remanufacture", 2017

Master's Thesis Committees:

Milad Khajehnezhad- UW-Milwaukee Dept. Industrial Engineering (member), 2015

University of Missouri-Columbia Doctoral Dissertations:

CURRICULUM VITAE

1. Rakmat Himawan (Member, Industrial and Mfg Sys. Engineering) “Material and Volunteer Convergence in Developing a Disaster Resource Portfolio”, 2021
2. Zeynab Oveysi (member, Industrial and Mfg. Sys. Engineering) December 2022

Master’s Thesis Committees:

Lucas Cato- UM Industrial and Mfg. Sys. Engineering (member, 2020)

Professional Affiliations

Member, Natl. Assoc. of Small Business International Trade Educators, NASBITE Intl
Production & Operations Management Society (POMS)
Decision Science Institute ((DSI)
American Productivity Improvement and Competitiveness Society (ASCM)
Council of Supply Chain Management Professionals (CSCMP)
Institute for Supply Management (ISM), Strategic Management Society (SMS)

Media Mentions

- January 2022 https://www.columbiaindianian.com/news/missouri_business/a-new-normal-international-markets-cope-with-the-effects-of-supply-chain-issues/article_9216bd56-68dd-11ec-a4f6-1f71beaa4895.html
- October 2021 <https://www.kshb.com/news/local-news/kansas-city-area-school-districts-find-viable-solutions-to-the-ongoing-food-supply-shortage>
- October 2021 https://www.columbiaindianian.com/news/missouri_business/christmas-in-october-holiday-shopping-looks-different-amid-supply-chain-strain/article_53b99eb2-167a-11ec-a617-7b4242d3bc0b.html
- February 2018 Focus on Manufacturing: Breakfast Panel, , Milwaukee Pfister Hotel. Sponsored by Milwaukee Business Journal and Wisconsin Manufacturers and Commerce (WMC).
- Automation World, October 2017, “UWM Starts Connected Systems Institute” <https://www.automationworld.com/article/uwm-starts-connected-systems-institute-17-million-rockwell-automation>
- August, 2017 Milwaukee Business Journal: “Wisconsin manufacturers shouldn’t bank on supply FoxxConn” by Rich Kirchen.
- July 2014 WUWM Radio Interview: “Remanufacturing,” <http://wuwm.com/post/it-better-refurbish-item-or-build-entirely-new-one>
- UWM Video; “Supply Chain Management Moves Goods, Grows Jobs” <https://www.youtube.com/watch?v=PqRDNK-2q4c>
- UWM Research Report, 2014, “To Manufacture or Re-manufacture” https://issuu.com/uwmnews/docs/2014_researchreport_pages/30.
Milwaukee Community Journal, March, 2014: “Brilliance Begins with an Idea” <https://communityjournal.net/at-uwm-brilliance-begins-with-an-idea/>
- Fox 6 News-Milwaukee Oct 2014: “Awareness of Supply Chain Careers” <http://fox6now.com/2014/10/03/skills-they-need-to-succeed-rockwell-automation-opens-doors-to-students/>

CURRICULUM VITAE

- October 2014 Milwaukee Business Journal: ‘Manufacturers Strengthen Relationships’
http://www.bizjournals.com/milwaukee/print-edition/2014/10/10/manufacturers-need-to-strengthen-supply-chain.html?iana=ind_man
- March 2011 WUWM Radio Interview; “What Supply Chain Management Means”
<http://wuwm.com/post/what-supply-chain-management-means-uwm-researchers-and-business-students>

Industry Training

Certified Global Business Professional (CGBP)
AACSB Curriculum Development Seminar
AACSB Leadership Development Seminar
Council for Advancement and Support of Education (CASE) fundraising seminar
Level-1 SAP, 2013-present, Fresh Connection, Cool Connection,
Six Sigma Design For Manufacturability (DFM)