

CURRICULUM VITAE

MEI CAO

School of Business and Economics
Transportation and Logistics Research Center
University of Wisconsin – Superior
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EDUCATION

Ph.D.	Manufacturing Management & Engineering, College of Business, University of Toledo, 2007
M.B.A.	Information Systems, College of Business, University of Toledo, 2001
Graduate Diploma	Finance, Faculty of Commerce, University of New South Wales, Sydney, Australia, 1999
B.A.	English, Guangdong University of Foreign Studies, China, 1991

EMPLOYMENT

Professor	School of Business & Economics, University of Wisconsin-Superior, 2017 – Present
Associate Professor	School of Business & Economics, University of Wisconsin-Superior, 2012 – 2017
Assistant Professor	Department of Business & Economics, University of Wisconsin-Superior, 2008 – 2012
Instructor	Department of Computer & Information Technology, College of Business, Arkansas State University, 2004 – 2007

SELECTED PUBLICATIONS

BOOK & CHAPTERS

- *Supply Chain Collaboration: Roles of Inter-Organizational Systems, Trust, and Collaborative Culture*, ISBN: 9781447145905, Springer-Verlag, London, 197 pages, 2013, with Zhang, Q.
- *Visual Analytics and Interactive Technologies: Data, Text and Web Mining Applications* (eds.), ISBN: 1-60960-102-5, Information Science Publishing of IGI Global, 2011, with Zhang, Q. and Segall, R.
- “Web Design Quality and Usability in E-Commerce”, Chapter VI (pp. 108-125), in *Web Systems Design and Online Consumer Behavior*, Y. Gao (ed.), ISBN: 1591403278, Idea Group Publishing, 2005, with Zhang, Q.

PEER-REVIEWED JOURNAL PAPERS

- “Exploring Antecedents of Supply Chain Collaboration: Effects of Culture and Interorganizational Systems Appropriation”, *International Journal of Production Economics*, 195, 146-157, 2018, with Zhang, Q.
- “Supply Chain Collaboration: Impact on Collaborative Advantage and Firm Performance”, *Journal of Operations Management*, 29(3), 163-180, 2011, with Zhang, Q. (Highly Cited Paper; JOM Best Paper Award)
- “Supply Chain Collaborative Advantage: A Firm’s Perspective”, *International Journal of Production Economics*, 128(1), 358-367, 2010, with Zhang, Q.
- “Supply Chain Collaboration: Conceptualization and Instrument Development”, *International Journal of Production Research*, 48(22), 6613-6635, 2010, with Vonderembse, M., Zhang, Q., and Ragu-Nathan, T.
- “Product Concept and Prototype Flexibility in Manufacturing: Implications for Customer Satisfaction”, *European*

Journal of Operational Research, 194(1), 143-154, 2009, with Zhang, Q. and Vonderembse, M. A.

- “Exploring the Absorptive Capacity to Innovation/Productivity Link for Individual Engineers Engaged in IT Enabled Work”, *Information & Management*, 45(2), 75-87, 2008, with Deng, X. and Doll, W.
- “A Path Analytical Analysis of Organizational Integration Practices: Effects on Manufacturing Flexibility and Competitive Advantage”, *Journal of Systems Science and Systems Engineering*, 17(3), 277-296, 2008, with Zhang, Q.
- “Achieving Flexible Manufacturing Competence: The Roles of Advanced Manufacturing Technology and Operations Improvement Practices”, *International Journal of Operations and Production Management*, 26(6), 580-599, 2006, with Zhang, Q. and Vonderembse, M. A.
- “Level of End-User Computing Moderates the Impact of Time-Based Product Development Practices on Performance”, *International Journal of Product Development*, 1(3/4), 280–300, 2005, with Rondeau, P., Vonderembse, M. A. and Ragu-Nathan, T. S.
- “B2C E-Commerce Web Site Quality: An Empirical Examination”, *Industrial Management & Data Systems*, 105(5/6), 645-661, 2005, with Zhang, Q. and Seydel, J.
- “Learning and Knowledge Creation in Product Development: A LISREL Analysis”, *International Journal of Product Development*, 1(1), 107-129, 2004, with Zhang, Q. and Lim, J.
- “Innovation-Driven Learning in Product Development: A Conceptual Framework”, *Industrial Management & Data Systems*, 104(3), 252-261, 2004, with Zhang, Q. and Lim, J.
- “Human-Machine Web Interface Design for Electronic Commerce: A Review of Design Perspectives, Objectives, Dimensions, and Techniques”, *International Journal of Services Technology and Management*, 4(4), 442-463, 2003, with Zhang, Q.
- “Business Process Reengineering for Flexibility and Innovation in Manufacturing”, *Industrial Management & Data Systems*, 102(3), 146-152, 2002, with Zhang, Q.
- “Building Flexibility into the Organization”, *APICS: The Performance Advantage*, 11(11), 46-49, 2001, with Zhang, Q.

PEER-REVIEWED CONFERENCE PROCEEDINGS

- “Impact of Emotional Intelligence and Justice on Job Satisfaction”, *Proceedings of The 15th International Conference on Service Systems and Service Management*, Hangzhou, July 21-22, 2018.
- “System-wide Sustainability Factors and Strategies for Big Data Center”, *Proceedings of The 15th International Conference on Service Systems and Service Management*, Hangzhou, July 21-22, 2018.
- “Drivers and Consequences of Green Supply Chain Management: An Empirical Examination”, *Proceedings of the 14th International Conference on Service Systems and Service Management*, Dalian, China, June 16-18, 2017.
- “Impact of Corporate Social Responsibility on Organizational Attractiveness: A Customer’s Perspective,” *The 7th POMS-HK Conference*, Macao, January 9-10, 2016.
- “Impact of Power Distance on Supply Chain Collaboration Efforts and Outcomes”, *Proceedings of the 75th Academy of Management Annual Meeting*, Vancouver, Canada, August 7-11, 2015
- “Impact of Supply Chain Long-Term Orientation on Product Quality: An Empirical Examination”, *Proceedings of 2015 Conference on Logistics, Informatics and Services Sciences*, Barcelona, Spain, July 27-29, 2015
- “Effect of Supply Chain Cultural Orientation on Product Quality: Mediating Roles of Goal and Communication”, *Proceedings of 45th Decision Sciences Institute Annual Meeting*, Tampa, FL, November 22-25, 2014
- “Effect of Long-term Oriented Culture on Communication and Process Efficiency in Supply Chain”, *Proceedings of the Joint 19th Asia-Pacific Decision Sciences Institute Conference (APDSI 2014) and the 8th International Conference on Operations and Supply Chain Management (ICOSCM 2014)*, Yokohama, Japan, July 18-22, 2014
- “Effects of Culture and Inter-organizational System Use on Supply Chain Collaboration Including Shippers and Carriers”, *Proceedings of the 93rd Transportation Research Board Annual Meeting*, Washington D.C., January 12-16, 2014

- “Impact of Power Distance on Communication and Knowledge Creation in Supply Chain”, *Proceedings of the 3rd International Conference on Logistics, Informatics and Service Science*, Reading, UK, August 21-24, 2013
- “Supply Chain Sustainability: Drivers, Practices, and Outcomes”, *Proceedings of POMS 24th Annual Conference*, Denver, Colorado, May 3-6, 2013
- “Impacts of IT Capability and Trust on Supply Chain Collaboration”, *Proceedings of the 43rd Annual Meeting of the Decision Sciences Institute*, San Francisco, CA, November 17-20, 2012
- “Trust-Based Supply Chain Collaboration: An Empirical Examination”, *Proceedings of the 4th P&OM World Conference*, Amsterdam, Netherland, July 1-5, 2012.
- “An Invariance Analysis of the Instruments of Product Development Flexibility under Environmental Uncertainty”, *Proceedings of POMS 23rd Annual Conference*, 025-1089, Chicago, Illinois, April 20 – 23, 2012
- “Collaborative Culture Driven Supply Chain Collaboration: An Empirical Examination”, *Proceedings of the 42nd Annual Meeting of the Decision Sciences Institute*, Boston, MA, November, 19-22, 2011
- “An Invariance Analysis of Supply Chain Collaboration's Impact on Collaborative Advantage and Performance”, *Proceedings of Academy of Management 71st Annual Meeting*, San Antonio, Texas, August 12-16, 2011
- “Mediating Effect of Supply Chain Collaboration on IOS Enabled Innovation”, *Proceedings of POMS 22nd Annual Conference*, 020-0966, Reno, Nevada, April 29 – May 2, 2011
- “IOS Appropriation and Net Enablement”, *INFORMS Annual Meeting*, Austin, Texas, November 6-10, 2010
- “A Path Analysis of IOS Appropriation’s Impact on SC Collaboration and Collaborative Advantage”, *Proceedings of the 4th International Conference on Management and Service Science (MASS)*, Wuhan, China, August 24-26, 2010
- “Supply Chain Collaboration: Antecedents and Consequences”, *Proceedings of Joint Conference of the 4th International Conference of Operations and Supply Chain Management (ICOSCM) and the 15th Asian Pacific Decision Sciences Institute (APDSI)*, Hong Kong and Guangzhou, China, July 25-31, 2010
- “Web-Based Text Mining of Hotel Customer Comments Using SAS® Text Miner and Megaputer Polyanalyst®”, *Proceedings of the SWDSI 2009 Annual Conference*, Oklahoma City, Oklahoma, February 27-28, 2009
- “Achieving Collaborative Advantage and Firm Performance through Supply Chain Collaboration”, *Proceedings of the 39th Annual Meeting of the Decision Sciences Institute*, Baltimore, Maryland, November 22-25, 2008
- “Supply Chain Collaborative Advantage: A Firm’s Perspective”, *Proceedings of the IEEE International Conference on Service Operations and Logistics, and Informatics*, Beijing, China, October 12-15, 2008
- “An Empirical Analysis of Collaborative Advantage in the Context of Supply Chain”, *INFORMS Annual Meeting*, Washington DC, October 12-15, 2008
- “Supply Chain Collaboration: Conceptualization and Instrument Development”, *Proceedings of the 38th Annual Meeting of the Decision Sciences Institute*, Phoenix, Arizona, November 17-20, 2007
- “Investigation of Integration Practices Impact on Manufacturing Flexibility and Competitive Advantage”, *Proceedings of the 38th Annual Meeting of the Decision Sciences Institute*, Phoenix, Arizona, November 17-20, 2007
- “Impact of Integration Practices on Manufacturing Flexibility and Customer Satisfaction”, *Proceedings of the Annual Meeting of the INFORMS Society on Manufacturing and Service Operations Management (MSOM)*, Beijing, China, June 18-19, 2007
- “Impact of Infusion of Technology and Learning on Manufacturing Flexibility and Customer Satisfaction: An Empirical Examination”, *Proceedings of the 37th Annual Meeting of the Decision Sciences Institute*, San Antonio, Texas, November 18-21, 2006
- “Measuring Logistics Flexibility: A Confirmatory LISREL Analysis”, *Proceedings of IEEE International Conference on Service Operations, Logistics, and Informatics*, Beijing, China, August 10-12, 2005
- “Web Services and Virtual Communities”, *Proceedings of the International Conference on Services Systems and Services Management*, Chongqing, China, June 13-15, 2005
- “End-User Computing Skills and Involvement: Antecedents of Time-Based Product Development Practices”,

Proceedings of the 35th Annual Meeting of the Decision Sciences Institute, Boston, Massachusetts, November 22-25, 2004

- “The Impact of IT Learning Capabilities on Computer-Mediated Engineering Work”, *Proceedings of the 35th Annual Meeting of the Decision Sciences Institute*, Boston, Massachusetts, November 22-25, 2004
- “e-Commerce Web Site Quality: An Empirical Examination”, *Proceedings of America’s Conference on Information Systems (AMCIS)*, New York City, New York, August 6-8, 2004.
- “e-Commerce Web Site Quality: A Conceptual Framework”, *Proceedings of the Midwest Business Administration Association Annual Meeting*, Chicago, Illinois, March 17-20, 2004
- “Advanced Manufacturing Technology Induced Flexible Manufacturing Competencies: The Role of Improvement Practices”, *Proceedings of the 34th Annual Meeting of the Decision Sciences Institute*, Washington, D.C., November 22-25, 2003
- “Product Concept and Prototype Flexibility: Implications for Customer Satisfaction”, *Proceedings of the 7th International Conference of the Decision Sciences Institute*, Shanghai, China, July 04-08, 2003
- “Factors Affecting the Attractiveness of E-Commerce Website”, *Proceedings of the 6th World MultiConference on Systemics, Cybernetics, & Informatics*, Orlando, Florida, July 14-17, 2002
- “Evaluating E-Commerce Website Design: A Customer's Perspective”, *Proceedings of the 33rd Annual Meeting of the Decision Sciences Institute*, San Diego, California, November 17-21, 2002
- “Human Machine Web Interface Design for Electronic Commerce: A Review of Design Perspectives, Objectives, Dimensions, and Techniques”, *Proceedings of the 1st International Conference on Electronic Business*, Hong Kong, China, December 19-21, 2001

Work in Progress

- “Fuzzy Front End of Innovation: A Dual Theoretical Rationale”, under 4th round review by *Journal of Business and Industrial Marketing*
- “Effects of Corporate Social Responsibility on Customer Satisfaction and Organizational Attractiveness: A Customer and Job-Seeker’s Perspective”, under 4th round review by *Business Ethics: A European Review*
- “Impact of marketization on the evolution of firms’ R&D efficiency: Evidence from China’s high-tech industry”, under review by *International Journal of Production Research*
- “Impact of Interorganizational System Appropriation on Innovation: Mediating Role of Supply Chain Collaboration”, ready for submission

COURSES TAUGHT

At UW-Superior (2008 – Present)

- TRSP 300 Supply Chain Management
- TRSP 401 Advanced Supply Chain Management
- TRSP 315 Land Transportation
- TRSP 305 Air Transportation
- BUS 270 Business Statistics
- BUS 306 Quantitative Models for Productions & Operations Management
- SMGT 370 Logistics, Supply Chain Management & Sustainability (Online)

At Arkansas State University (2004 – 2007)

- QM 2113 Business Statistics
- QM 3523 Operations Management
- CIT 3403 Database Management
- CIT 3413 Advanced Database Concepts
- CIT 1503 Micro-Computer Applications
- MIS 3013 Management Information Systems
- MIS 6413 Management Information Systems (Graduate Level)

HONORS AND AWARDS

- Jack Meredith Best Paper Award by *Journal of Operations Management*, 2016
- Wisconsin Teaching Scholar in the Wisconsin Teaching Fellows & Scholars Program, 2016-2017
- Certificate of Recognition in grateful appreciation for 5+ Years of Service by the Decision Sciences Institute (DSI) Board of Directors, November 2015
- Scholarship for Professional Development Program in “Introduction to Railroad Engineering and Operations”, offered by University of Wisconsin – Madison, 2013
- Mentor of Summer Undergraduate Research Fellow (SURF), University of Wisconsin – Superior, 2013
- Research Fellowship, University of Wisconsin-System Libraries, 2012-2014
- Max H. Lavine Award for Scholarly Contributions to Contemporary Concerns, University of Wisconsin – Superior, 2012
- Scholarship for taking Summer Short Course in “Modeling and Simulation of Transportation Networks”, offered by Massachusetts Institute of Technology, 2012
- Excellence in Scholarship Performance Award, University of Wisconsin – Superior, 2011
- C.T.L. (Certification in Transportation & Logistics) designation by *American Society of Transportation and Logistics (AST&L)*, 2011
- Scholarship for Material Handling Teachers Institute, sponsored by the *College Industry Council on Material Handling Education (CICMHE)* and *Material Handling Industry of America (MHIA)*, 2011
- Scholarship for Professional Development Program in “Proven Strategies for Successful Operations” and “Engineering Fundamentals of Rail Freight Terminals Yards And Intermodal Facilities”, offered by University of Wisconsin – Madison, 2010
- Scholarship for Professional Development Program in “Light Rail – Rapid Transit – Commuter Rail: Engineering Fundamentals for Modern Mass Transportation Systems”, offered by University of Wisconsin – Madison, 2009
- Distinguished Paper Award at the *Midwest Business Administration Association (MBAA) Annual Meeting*, Chicago, 2004.
- Decision Sciences Institute Doctoral Consortium, 2002.
- The Certificate of the Basics of Supply Chain Management, certified by *The Association for Operations Management (APICS)*, 2002.

GRANT ACTIVITIES

External Grants

- Co-Principal Investigator – *The Governance Mechanism of Sustainable Supply Chain Based on the Triple Bottom Line of Economic, Environmental and Social Performance: Are Formal Contract and Relational Governance Complementary?* funded under the auspices of National Science Foundation of China (NSFC), Grant Number 71572115, with Zhang, Q., 2016-2019, Amount: CNY ¥600,000 (about USD \$90,000).
- Principal Investigator – *Simulating the Effect of Gate Strategies in Emissions Reduction*, funded under the auspices of National Center for Freight and Infrastructure Research and Education (CFIRE), CFIRE 04-19, with Golias, M., 2010-2012, Total Amount: \$142,926.
- Investigator – *The Study of Greenhouse Gas Savings Associated with Congestion Reduction Using Multi-Modal Optimization of Timber Shipments in the North Central United States*, funded under the auspices of Midwest Regional University Transportation Center (MRUTC), with Stewart, R.D., Ogard, L., and Lautala, P., 2009-2010, Total Amount: \$250,000.
- Principal Investigator – *Writing a Land Transportation Textbook*, funded under the auspices of National Center for Freight and Infrastructure Research and Education (CFIRE), CFIRE 02-27, 2009, Total Amount: \$5,788.

- Principal Investigator – *Using a Rail Simulator in Teaching Land Transportation*, funded under the auspices of National Center for Freight and Infrastructure Research and Education (CFIRE), CFIRE 02-26, 2009, Total Amount: \$5,788.
- Principal Investigator – *Using Supply Chain Operations Reference (SCOR) in Supply Chain Education*, funded under the auspices of National Center for Freight and Infrastructure Research and Education (CFIRE), CFIRE 02-25, 2009, Total Amount: \$4,100.
- Principal Investigator – *Evaluation of Air Emission Modal Models: For Use in Optimizing Log Transport*, funded under the auspices of National Center for Freight and Infrastructure Research and Education (CFIRE), CFIRE 02-24, 2009, Total Amount: \$18,274.

Internal Grants

- URSCA Undergraduate Summer Research Stipend, 2017, Amount: \$1,000.
- Faculty Development Grant, awarded by UWS, 2013, Amount: \$500.
- URSCA Undergraduate Summer Research Stipend, 2013-2014, Amount: \$1,000.
- CETL Jumpstart or Moving Ahead Scholarly Grant, UWS, 2012, Amount: \$750.
- Faculty Development Grant, awarded by UWS, 2011, Amount: \$1,000.
- Summer Research Grant, awarded by T&L Research Center, UWS, 2008-2015.

SERVICES

University Services

- University Graduate Council, UWS, 2017 – Present
- University Athletics Advisory Committee, UWS, 2017 – Present
- Provost’s Taskforce on Guided Pathways for Student Success, UWS, 2017
- Faculty Advisor of Chinese Students and Scholars Association, UWS, Fall 2013 & Spring 2014, Spring 2017 – Present
- University Undergraduate Academic Affairs Council (UAAC), UWS, 2011– 2013
- Grant Administrator Search & Screen Committee, UWS, 2010
- University Technology Committee, UWS, 2009-2010, 2012-2013
- Faculty advisor for undergraduate students, UWS, 2009 – Present
- Departmental & College Committees, Arkansas State University, 2004 – 2007
- Faculty advisor for undergraduate students, Arkansas State University, 2004 – 2007

School Services at UWS

- Director, School of Business & Economics, UWS, Fall 2016 – Present
- Chair, Department of Business & Economics, Fall 2015
- Academic Director, MS Health & Wellness Program, Spring 2017 – Present
- SBE Bylaw Revision Task Force, 2016 – Present
- Economics Search & Screen Committee, 2013
- Chair, T&L Search & Screen Committee, 2012
- T&L Search & Screen Committee, 2010, 2011
- Personnel Committee, 2012 – Present
- Curriculum Committee, 2008 – Present

- Awards Committee, 2011 – 2014, 2017
- Assessment Committee, 2011– Present
- Strategic Planning Committee, 2008 – 2009

PROFESSIONAL ACTIVITIES

Editorial Board Member

- *International Journal of Operations Research and Information Systems*, 2008 – 2013
- *International Journal of Information Technology Project Management*, 2007 – 2013
- *Handbook of Research on Information Security and Assurance*, Gupta, J. & Sharma, S. (eds.), Idea Group Publishing, 2006-2007

Reviewer

- *Conference on Logistics, Informatics and Services Sciences*, 2015
- *Journal of Operations Management*, 2015
- *Production and Operations Management*, 2012, 2015
- *Decision Sciences Journal*, 2012 (twice)
- *Decision Sciences Institute Annual Conference*, 2003-2006, 2012
- *European Management Journal*, 2011
- *International Journal of Procurement Management*, 2011
- *International Journal of Information Technology Project Management*, 2009, 2011
- *International Journal of Operations Research and Information Systems*, 2008, 2009, 2010, 2011
- *Journal of Cleaner Production*, 2010
- *Electronic Commerce Research Journal*, 2009, 2010
- *Asia Pacific Management Review*, 2009
- *Association for Information Systems Annual Conference*, 2005

Conference Session Chair/Panelist

- Organizing committee member, Session chair, *Conference on Logistics, Informatics and Services Sciences*, Barcelona, Spain, 2015
- Panelist, *Global Logistics Education Cooperation Forum*, Beijing, 2013
- Session chair, *POMS 22nd Annual Conference*, Reno, Nevada, 2011
- Session chair, *Decision Sciences Institute Annual Meeting*, 2008, 2014

PROFESSIONAL MEMBERSHIPS

- Decision Sciences Institute (DSI)
- Academy of Management (AOM)
- Institute for Supply Management (ISM)
- Production and Operations Management Society (POMS)
- Association of Supply Chain Management (ASCM. aka. APICS)
- Council of Supply Chain Management Professionals (CSCMP)
- Institute for Operations Research and the Management Sciences (INFORMS)