

Cuihong Li

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EDUCATION

Ph.D., Management of Manufacturing and Automation, Carnegie Mellon University, 2005
M.S., Industrial Administration, Carnegie Mellon University, 2002
M.S., Systems Engineering, Tsinghua University, 2000
B.S., Automation, Tsinghua University, 1998

EMPLOYMENT

2005 – present	University of Connecticut, School of Business, Storrs, CT
06/2022 – present	Robert Cizik Chair in Manufacturing & Technology Management
08/2020 – present	Professor of Operations and Information Management Department Head, Operations and Information Management
06/2020 – 08/2020	Interim Department Head, Operations and Information Management
08/2018 – 08/2020	Academic Co-Director, Management and Engineering for Manufacturing (MEM) Program
08/2012 – 08/2020	Associate Professor of Operations and Information Management
08/2005 – 08/2012	Assistant Professor of Operations and Information Management
06/2002 – 08/2002	Internship, IBM T.J. Watson Research Center, Hawthorne, NY

RESEARCH

Journal Publications

- Cuihong Li and Brian Tomlin. 2022. After-Sales Service Contracting: Condition Monitoring and Data Ownership. *Manufacturing and Service Operations Management* 24(3) 1494-1510.
- Laurens Debo and Cuihong Li. 2021. Design and Pricing of Discretionary Service Lines. *Management Science* 67(4) 2251-2271.
- Cuihong Li. 2020. Supplier Competition and Cost Reduction with Endogenous Information Asymmetry. *Manufacturing and Service Operations Management* 22(5) 869-1106. (Honorable Mention for Best Paper Award, School of Business, University of Connecticut, 2020)

- Hsiao-Hui Lee and Cuihong Li. 2018. Supplier Quality Management: Investment, Inspection, and Incentives. *Production and Operations Management* 27(2) 304-322.
- Cuihong Li and Zhixi Wan. 2017. Supplier Competition and Cost Improvement. *Management Science* 63(8) 2460-2477.
- Cuihong Li. 2013. Sourcing for Supplier Effort and Competition: Design of the Supply Base and Pricing Mechanism. *Management Science* 59(6) 1389-1406. (Best Paper Award, School of Business, University of Connecticut, 2013)
- Cuihong Li and Fuqiang Zhang. 2013. Advance Demand Information, Price Discrimination, and Pre-order Strategies. *Manufacturing and Service Operations Management* 15(1) 57-71.
- Cuihong Li and Alan Scheller-Wolf. 2011. Push or Pull? Auctioning Supply Contracts. *Production and Operations Management* 20(2) 198-213.
- Cuihong Li, Katia Sycara and Alan Scheller-Wolf. 2010. Combinatorial Coalition Formation and Cost Sharing for Group-buying. *Decision Support Systems* 49(1) 1-13. (Lead article)
- Cuihong Li and Laurens Debo. 2009. Strategic Dynamic Sourcing from Competing Suppliers with Transferable Capacity Investment. *Naval Research Logistics* 56(6) 540-562.
- Cuihong Li and Laurens Debo. 2009. Second Sourcing versus Sole Sourcing with Capacity Investment and Asymmetric Information. *Manufacturing and Service Operations Management* 11(3) 448-470.
- Cuihong Li, Bin Yu and Katia Sycara. 2009. An Incentive Mechanism for Message Relaying in Unstructured Peer-to-Peer Systems. *Electronic Commerce Research and Applications* 8(6) 315-326.
- Guoming Lai, Katia Sycara and Cuihong Li. 2008. A Decentralized Model for Automated Multi-attribute Negotiations with Incomplete Information and General Utility Functions. *Multiagent and Grid Systems* 4(1) 45-65.
- Guoming Lai, Cuihong Li and Katia Sycara. 2006. Efficient Multi-Attribute Negotiation with Incomplete Information. *Group Decision and Negotiation* 15(5) 511-528.
- Cuihong Li, Joseph Giampapa and Katia Sycara. 2006. Bilateral Negotiation Decisions with Uncertain Dynamic Outside Options, *IEEE Transaction on System, Man, and Cybernetics, Part C* 36(1) 31-44.
- Cuihong Li, Shuchi Chawla, Uday Rajan and Katia Sycara. 2004. Mechanism Design for Coalition Formation and Cost Sharing in Group-Buying Markets, *Electronic Commerce Research and Applications* 3(4) 341-354.

Refereed Conference Proceedings

- Ravi Bapna, Paulo Goes, Cuihong Li and Sarah Rice. A Comparative Study of Uniform Price Auction and Multiple Simultaneous Auctions. *Conference on Information Systems and Technology (CIST)*. Seattle, WA, November 2007.
- Cuihong Li, Bin Yu and Katia Sycara. An Incentive Mechanism for Message Relaying in Unstructured Peer-to-Peer Systems. *Proceedings of the Sixth International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS)*, pages 259-266, Honolulu, 2007. (Acceptance rate: 22.8%)
- Guoming Lai, Cuihong Li and Katia Sycara. A Pareto Optimal Model for Automated Multi-attribute Negotiations. *Proceedings of the Sixth International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS)*, pages 1044-1046, Honolulu, 2007.
- Guoming Lai, Cuihong Li and Katia Sycara. A general model for Pareto optimal multi-attribute negotiations. *Proceedings of the 2nd International Workshop on Rational, Robust, and Secure Negotiations in Multi-agent Systems (RRS)*, 2006.
- Guoming Lai, Katia Sycara, Laurens Debo and Cuihong Li. A pie or a pitfall: an analysis on price matching policy. *Proceedings of the Eighth International Conference on Electronic Commerce (ICEC)*, pages 451-462, Fredericton, Canada, 2006.
- Guoming Lai, Katia Sycara and Cuihong Li. A decentralized model for multi-attribute negotiations. *Proceedings of the Eighth International Conference on Electronic Commerce (ICEC)*, pages 3-10, Fredericton, Canada, 2006.
- Cuihong Li, Katia Sycara, Joseph Giampapa. Dynamic Outside Options in Alternating-Offers Negotiations. *Proceedings of Hawaii International Conference on Systems Sciences (HICSS)*, Hawaii, 2005. (Best paper nominee)
- Cuihong Li, Bin Yu, Katia Sycara. An Incentive Mechanism for Message Relaying in Peer-to-Peer Discovery. *Second Workshop on the Economics of Peer-to-Peer Systems*, Boston, MA, 2004.
- Bin Yu, Cuihong Li, Munindar Singh, Katia Sycara. A Dynamic Pricing Mechanism for P2P Referral Systems. *Proceedings of Third International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS)*, pages 1426-1427, New York, NY, 2004.
- Cuihong Li, Uday Rajan, Shuchi Chawla, Katia Sycara. Mechanisms for coalition formation and cost sharing in an electronic marketplace. *Proceedings of the 5th International Conference on Electronic Commerce (ICEC)*, pages 68-77, Pittsburgh, PA, 2003.
- Cuihong Li, Gerald Tesauro. A Strategic Decision Model for Multi-Attribute Bilateral Negotiation with Alternating Offers. *Proceedings of ACM Conference on Electronic Commerce*, pages 208-209, San Diego, CA, 2003.

- Mor Harchol-Balter, Cuihong Li, Takayuki Osogami, Alan Scheller-Wolf, and Mark S. Squillante. Cycle Stealing under Immediate Dispatch Task Assignment. *Fifteenth ACM Symposium on Parallelism in Algorithms and Architectures (SPAA)*, pages 274-285, 2003.
- Mor Harchol-Balter, Cuihong Li, Takayuki Osogami, Alan Scheller-Wolf, and Mark S. Squillante. Analysis of Task Assignment with Cycle Stealing under Central Queue. *23rd International Conference on Distributed Computing Systems (ICDCS)*, pages 628-637, 2003. (Acceptance rate: 17.7%)
- Cuihong Li and Katia Sycara. Algorithm for Combinatorial Coalition Formation and Payoff Division in Electronic Markets. *Proceedings of First International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS)*, Bologna, Italy, 2002. (Acceptance rate: 26.8%)

Other Publications

- Cuihong Li. We Can Get Vaccines To People Faster: A Supply Chain Management Perspective. *UConn Today*, February 1, 2021.
- Cuihong Li and Katia Sycara. 2004. A Stable and Efficient Scheme for Task Allocation via Agent Coalition Formation, in *Algorithms for Cooperative Systems*, eds. Don Grundel, Robert Murphey and Panos M Pardalos, World Scientific Publishing Company.

AWARDS AND GRANTS

- Best Paper Award (Honorable Mention), School of Business, University of Connecticut, 2020, for Li (2020)
- Most Favorite Professor (Spring semester), voted by 1st-year full-time MBA students, School of Business, University of Connecticut, 2017
- Outstanding Teacher Award (OPIM), voted by full-time MBA students, School of Business, University of Connecticut, 2016
- Teaching Innovation Award, School of Business, University of Connecticut, 2015.
- Best Paper Award, School of Business, University of Connecticut, 2013, for Li (2013)
- *Management Science* Distinguished Service Award. 2015.
- *Management Science* Meritorious Service Award. 2011, 2012, 2013, 2018.
- *Manufacturing and Service Operations Management* Meritorious Service Award. 2008, 2009, 2010, 2015, 2016, 2018.
- CIBER Grant for International Business Research, 2006, 2007, 2009, 2013, 2015.
- UConn Large Faculty Research Grant, 2007, 2008.

- Gerald L. Thompson Doctoral Dissertation Award, Carnegie Mellon University, 2005.
- William Larimer Mellon Fellowship, Carnegie Mellon University, 2000 – 2005.

TEACHING

- OPIM 5110 Operations Management (full-time MBA core). 2014 -
- OPIM 5641 Business Decision Modeling (MSBAPM core). 2014 - 2019
- OPIM 3803 Spreadsheet Modeling for Business Analysis (undergraduate elective). 2014 – 2019
- OPIM 6202 Ph.D. Seminar in Operations Management, 2019 S
- OPIM 3104 Operations Management (undergraduate core)
- MEM 3231 Computers in Manufacturing and Management (MEM major). 2013 S
- Production (undergraduate core), Summer 2004, Carnegie Mellon University

MEDIA MENTIONS

- “Local businesses face shortages amid supply chain issues,” The Day, October 23, 2021
- “Supply Delays, Tight Workforce Shape Hot Housing Market in Connecticut,” CT Examiner, July 31, 2021
- “Gov. Ned Lamont says hospitals ‘overpromised,’ as UConn Health blames canceled vaccine appointments on decreased supply from state,” Hartford Courant, February 01, 2021
- “Supplier Optimization Key to Manufacturer Success,” School of Business Research News, February 28, 2019

PROFESSIONAL ACTIVITIES AND SERVICE

Seminar Presentations

- University of Miami, Herbert Business School, October 2020
- Rutgers University, School of Business, May 2018
- Hong Kong Polytechnic University, School of Business, May 2017
- Centre for European Economic Research (ZEW), Workshop on Market Design, February 2017
- University of Illinois at Urbana-Champaign, College of Business, February 2016
- Dartmouth College, Tuck School of Business, January 2015
- Hong Kong University of Science and Technology, Business School, November 2014
- University of Michigan, Ross School of Business, December 2012
- University of Maryland, Smith School of Business, September 2011

- Department of Justice, EAG Seminar Series at the Antitrust Division, September 2011
- University of Chicago, Booth School of Business, November 2010
- Washington University in St. Louis, Olin School of Business, March 2010
- University of Connecticut, School of Business, February 2007
- Tsinghua University, School of Economics and Management, December 2006
- University of Connecticut, School of Business, December 2004

Conference Presentations (invited or refereed)

- INFORMS Annual Meeting, Online, October 24-27, 2021
- MSOM Conference, Online, June 5-10, 2021
- POMS Conference, Online, April 30 - May 5, 2021
- INFORMS Annual Meeting, Online, November 8-11, 2020
- INFORMS Annual Meeting, Seattle, WA, October 20-23, 2019
- INFORMS Annual Meeting, Seattle, WA, October 20-23, 2019
- MSOM Conference, Singapore, June 30-July 2, 2019
- INFORMS Annual Meeting, Phoenix, AZ, November 4-7, 2018
- MSOM Conference, Dallas, TX, July 1-3, 2018
- INFORMS Annual Meeting, Huston, TX, October 22-25, 2017
- INFORMS Annual Meeting, Nashville, TN, November 13-16, 2016
- POMS Conference, Orlando FL, May 6-9, 2016
- INFORMS Annual Meeting, Philadelphia, PA, November 1-4, 2015
- POMS Conference, Washington DC, May 8-11, 2015
- INFORMS Annual Meeting, San Francisco, CA, November 9-12, 2014
- POMS Conference, Atlanta, GA, May 8, 2014
- INFORMS Annual Meeting, Minneapolis, MN, October 6-9, 2013
- MSOM Conference, INSEAD, Fontainebleau, France, July 28-30, 2013
- POMS Conference, Denver, CO, May 3-6, 2013
- INFORMS Annual Meeting, Phoenix, AZ, October 14-17, 2012
- INFORMS International Meeting, Beijing, China, June 24-27, 2012
- POMS Conference, Chicago, IL, April 20-23, 2012
- INFORMS Annual Meeting, Charlotte, NC, November 13-16, 2011
- Seventh Conference on Integrated Risk Management (INTRIM) in Operations and Global Supply Chains, Montreal, Canada, July 31-August 1, 2011
- MSOM Conference, University of Michigan, MI, June 26-28, 2011

- POMS Conference, Reno, NV, April 29-May 2, 2011
- INFORMS Annual Meeting, Austin, TX, November 7-10, 2010
- MSOM Supply Chain Management SIG Conference, Technion, Haifa, Israel, June 27, 2010
- MSOM Conference, Technion, Haifa, Israel, June 28-29, 2010
- POMS Conference, Vancouver, BC, Canada, May 7-9, 2010
- INFORMS Annual Meeting, San Diego, CA, October 11-14, 2009
- MSOM Conference, Massachusetts Institute of Technology, Boston, MA, June 28-30, 2009
- Michael Rothkopf Memorial Conference, Penn State Smeal College of Business, June 1-3, 2009
- INFORMS Annual Meeting, Washington DC, October 12-15, 2008
- INFORMS Annual Meeting, Seattle, WA, November 3-7, 2007
- INFORMS Annual Meeting, Pittsburgh, PA, November 5-8, 2006
- INFORMS Annual Meeting, San Francisco, CA, November 13-15, 2005
- INFORMS Annual Meeting, Denver, CO, October 23-27, 2004
- INFORMS Annual Meeting, Atlanta, GA, October 19-22, 2003
- Second Workshop on the Economics of Peer-to-Peer Systems, Harvard University, Boston, MA, 2004.
- Fifth International Conference on Electronic Commerce (ICEC), Pittsburgh, PA, Sep 30-Oct 03, 2003.
- First International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS), Bologna, Italy, July 15-19, 2002.

Professional Service

- Associate Editor, *Manufacturing and Service Operations Management*, 2019 –
- Associate Editor, *Manufacturing and Service Operations Management* special issues, 2018-2019
 - Special Issue on “Sharing Economy and Innovative Marketplaces”
 - Special Issue on “People-centric Operations”
- Senior Editor, *Production and Operations Management*, 2013 –
- Senior Editor, *Decision Support Systems*, 2020 – 2021
- Associate Editor, *Decision Support Systems*, 2014 – 2019
- Judge for MSOM Student Paper Competition 2014, 2015, 2016, 2017, 2018
- Invited conference session/track chairs
 - Supply Chain Management with Disruptive Technologies, M&SOM cluster, INFORMS 2022
 - Innovation and Procurement, Manufacturing Operations track, POMS 2022
 - Operations in the Digital Era of Industry 4.0, M&SOM/SCM cluster, INFORMS 2019
 - Emerging Topics in Operations Management track, POMS 2019

- Sourcing and Innovation, M&SOM/SCM cluster, INFORMS 2018
- Auctions and Mechanism Design, Auctions cluster, INFORMS 2017
- OM/Marketing Interface, Supply Chain Management cluster, POMS 2016
- OM/Marketing Interface, Operations/Marketing Interface cluster, INFORMS 2015
- Sourcing, Procurement, and Entry Strategies, M&SOM/SCM cluster, INFORMS 2013
- Sourcing and Supply Chain Management, Supply Chain Contracting track, POMS 2013
- Competitive Sourcing and Procurement, Auctions/M&SOM cluster, INFORMS 2012
- Sourcing and Supply Chain Management, Product and Technology track, POMS 2012
- Procurement and Supply Chain Management, M&SOM/SCM cluster, INFORMS 2011
- Procurement and Supply Chain Management, Negotiations, Contracts, and Conflicts in Decentralized Supply Networks track, POMS 2011
- Procurement/Sourcing, Supply Chain Management track, POMS 2010
- Strategic Sourcing and Supplier Improvement, M&SOM cluster, INFORMS 2009
- Procurement and Supply Chain Management, M&SOM cluster, INFORMS 2009
- Procurement Auctions, Auction cluster, INFORMS 2009
- Reviewer for Business Studies Panel, *Research Grants Council of Hong Kong*, 2013, 2014, 2019
- Reviewer for Decision, Risk and Management Science Program, *National Science Foundation*, 2019
- Conference reviewer for MSOM Supply Chain Management SIG Conference 2016; MSOM Conference 2008, 2010, 2011; PACIS 2010
- Journal reviewer for *Decision Science*, *Decision Support Systems*, *Information Systems Research*, *Journal of Economics & Management Strategy*, *Management Science*, *Manufacturing and Service Operations Management*, *Naval Research Logistics*, *Operations Research*, *Production and Operations Management*
- Discussant for Mini-Conference on “Customer-Oriented Operations Models,” Olin Business School, Washington University in St. Louis, 2007
- Program committee member of Workshop on Contract Architectures and Languages (CoALa) 2005, Second IEEE International Workshop on Electronic Contracting (WEC’05), IADIS e-Commerce Conference 2004

INTERNAL SERVICE

- Center & Institute Review Committee, University of Connecticut, 2020-2023
- Provost Search Committee, University of Connecticut, 2020
- Business and Human Rights Faculty Hiring Committee, School of Business, 2020.

- Faculty member, Engineering for Human Rights Initiative, University of Connecticut, 2019-
- Academic Co-Director of Management and Engineering for Manufacturing (MEM) Program, School of Business, 2018-2020
- Teaching and Research Excellence Committee, School of Business, 2015-2018
- Faculty advisor to UConn MBA teams in APICS Northeast Supply Chain Business Case Competition, 2014 (first prize), 2015 (first prize), 2016, 2017 (first prize)
- Master Program Committee, School of Business, 2014-2015, 2018-2019
- Judge, UConn MBA Case Challenge, School of Business, 2016
- Judge, UConn International Case Challenge, School of Business, 2017
- Faculty Hiring Committee, OPIM department, 2009-2010, 2015-2016, 2017-2020
- Academic Integrity Committee, OPIM department, 2018-2019
- MEM program committee, OPIM department, 2009-2014, 2016-2019
- MEM internship coordinator, OPIM department, 2011-2013
- PhD qualifying exam (OM) coordinator, OPIM department, 2018-2020
- PhD qualifying paper committee, OPIM department, 2011-2013, 2017-2018, 2019-2020
- PhD admission committee, OPIM department, 2007-2012, 2014-2015
- PhD program development committee, OPIM department, 2012-2013
- PhD website redesign, OPIM department, 2009-2010
- MSBAPM admission committee, OPIM department, 2011-2015
- Undergraduate committee, School of Business, 2013 Spring
- Commencement committee, School of Business, 2010-2012