

MEHDI AMINI, Ph.D.

CURRENT POSITIONS

- George Johnson Professor, Department of Marketing & Supply Chain Management, Fogelman College of Business & Economics, The University of Memphis, http://www.memphis.edu/mscm/faculty/mamini.php
- Associate Director, FedEx Center for Supply Chain Management, FedEx Institute of Technology, https://umdrive.memphis.edu/g-cscm/www/
- Founder & Director, enterprise Simulation & Optimization Laboratory (eSOL), FedEx Institute of Technology, http://www.memphis.edu/esol/
- Cyber Security Fellow, Cluster to Advance Cyber Security & Testing (CAST), FedEx Institute of Technology, The University of Memphis, http://www.memphis.edu/fedex/cast/
- **Biologistics Fellow**, FedEx Institute of Technology Biologistics Research Cluster, The University of Memphis, http://www.memphis.edu/fedex/biologistics/
- College Representative, University Research Council, The University of Memphis
- College Representative, Institutional Review Board (IRB), The University of Memphis

CONTACT INFORMATION

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EDUCATION

Ph.D. Southern Methodist University, Dallas, Texas

Major: Operations Research

Minors: Production Operation Management/Math/Statistics

M.S. Southern Methodist University, Dallas, Texas

Major: Operations Research

Minors: Production Operation Management

M.B.A. University of North Texas, Denton, Texas

Major: Operations Management

Minor: Economics

B.A. Tehran University, Tehran, Iran

Major: Business Administration Minor: Accounting/Economics

ACADEMIC AWARDS

Best Theoretical Paper Award 2016:

Awarded by the Fogelman College of Business and Economics in recognition of faculty best theoretical paper published in 2016.

Best Theoretical Paper Award 2015:

Awarded by the Fogelman College of Business and Economics in recognition of faculty best theoretical paper published in 2015.

George Johnson Professorship Award 2015:

Awarded by the Fogelman College of Business and Economics in recognition of a faculty excellence in teaching, research and service.

Teaching and Research Mentoring Award 2014-2015:

Awarded by the Fogelman College of Business and Economics in recognition of a faculty excellence in graduate teaching and graduate students research mentoring.

George Johnson Research Fellow 2012-2015:

Awarded by the Fogelman College of Business and Economics in recognition of a faculty excellence in research.

Best Theoretical Paper Award 2012:

Awarded by the Fogelman College of Business and Economics in recognition of faculty best theoretical paper published in 2012.

■ Dean's Service Award 2012-2013:

Awarded by the Fogelman College of Business and Economics in recognition of faculty service excellence.

Best Theoretical Paper Award 2011:

Awarded by the Fogelman College of Business and Economics in recognition of faculty best theoretical paper published in 2011.

Best Theoretical Paper Award 2007:

Awarded by the Fogelman College of Business and Economics in recognition of faculty best theoretical paper published in 2007.

Suzanne Palmer Professorship Award 2007-2008:

Awarded by Fogelman College of Business and Economics in recognition of faculty service excellence.

Tennessee Board of Region Research Excellence Award 2003:

Awarded to the FedEx Center for Supply Chain Management.

Awards of Excellence 1998:

Awarded by the National Association of Purchasing Management (NAPM)-Memphis, Inc.

Teaching Excellence Fellowship Award 1997-2000:

Awarded by the Fogelman College of Business and Economics in recognition of the excellence in teaching (\$10,000 annual award for three years).

Best Theoretical Paper Award 1994:

Awarded by the Fogelman College of Business and Economics in recognition of the best theoretical paper published by faculty.

Merit of Excellence Award 1990:

Awarded by the Fogelman College of Business and Economics in recognition of superior academic performance in the areas of teaching, research and service, The University of Memphis.

Christian Faculty/Staff Fellowship Award 1989-1990:

Awarded in recognition of being a favorite faculty, The University of Memphis.

Full Scholarship 1982-1986:

Southern Methodist University.

• Frederick Terman Award 1984:

Awarded by the School of Engineering and Applied Science to the outstanding graduate students whose scholastic attainments and contributions to the school are judged to be in the highest tradition, Southern Methodist University.

Graduate Council Award 1983:

Awarded to the outstanding graduate student upon recommendation by the faculty of each department in the School of Engineering and Applied Science, Southern Methodist University.

Best Faculty in the Executive MBA Program 1990-1997:

Voted as one of the Best faculty in the Executive MBA Program.

ACADEMIC HONORS

- Nominated for *The University of Memphis Alumni Association Award for Distinguished Research* in the Social Sciences, Business & Law, The University of Memphis, January 2015.
- Nominated for the George Johnson Professorship Award, The University of Memphis, January 2015.
- Nominated for *The Willard R. Sparks Eminent Faculty Award*, The University of Memphis, October 2014.
- Nominated for *The Willard R. Sparks Eminent Faculty Award*, The University of Memphis, October 2012.
- Nominated for *The First Tennessee Professorship*, The University of Memphis, February 2012.
- Finalist, 2011 *Outstanding Teaching Award*, Department of Marketing and SCM, The University of Memphis, April 2011.
- Nominated for the *Palmer Professorship Award in Research*, The University of Memphis, March 2007.
- Nominated for the *Palmer Professorship Award in Research*, The University of Memphis, March 2006.

- Nominated for the *Palmer Professorship Award in Research*, The University of Memphis, March 2005.
- Nominated for the *Palmer Professorship Award in Research*, The University of Memphis, March 2004.
- Nominated for the Palmer Professorship Award in Service, The University of Memphis, July 2003.
- Nominated for the *University Distinguished Teaching Service Awards*, The University of Memphis, March 1994.
- Nominated for the *University Distinguished Teaching Service Awards*, U of M, March 1993.

ACADEMIC & ADMINISTRATIVE POSITIONS

- 2015-Present George Johnson Professor of Operations/ Supply Chain Management, College of Business & Economics, The University of Memphis.
- 2011-2017 Visiting Professor, Luleå University of Technology, Sweden.
- 2011-2016 Affiliate Professor, Royal Institute of Technology, Sweden.
- 2009-2011 Affiliate Professor, Luleå University of Technology, Sweden.
- 2006-Present Founding Director, enterprise Simulation and Optimization Lab (eSOL).
- 2000-Present Associate Director, FedEx Center for Supply Chain Management, The University of Memphis.
- 1998-2015 Professor of Operations/ Supply Chain Management, College of Business & Economics, The University of Memphis.
- 1996-2000 Research Project Manager, FedEx Center for Supply Chain Management, The University of Memphis.
- 1994-1996 Faculty Director of the Master's Programs, Fogelman College of Business & Economics, The University of Memphis.
- 1994-1988 Associate Professor DS/POM, MIS/DS Department, Fogelman College of Business and Economics, The University of Memphis.
- 1989-1994 Assistant Professor of DS/POM, MIS/DS Department, Fogelman College Business and Economics, The University of Memphis.
- 1988-1989 Visiting Assistant Professor of DS/POM, MIS/DS Department, Fogelman College of Business and Economics, The University of Memphis.
- 1987-1988 Visiting Assistant Professor of Management Science, MIS Department, Cox School of Business, Southern Methodist University.

TEACHING IN UNITED STATES AND ABROAD

Teaching in United States and Abroad					
Period	Course Title	Program	Institution		
Undergraduate Programs					
2014-present	Business Analytics: Statistics	Undergraduate Regular & Honor	The University of Memphis		
2014-present	Business Analytics: Tools	Undergraduate Regular & Honor	The University of Memphis		

2008-present Supply Chain Manage 2000-Present Business Statistics 2000-Present Analytical Tools for B Decisions 1995-Present Operations Manageme 1988-2007 Business Statistics I 1988-2007 Business Statistics II	Undergraduate Regular & Honor usiness Undergraduate Regular & Honor	Luleå University Technology (Sweden) The University of Memphis The University of Memphis				
2000-Present Analytical Tools for B Decisions 1995-Present Operations Manageme 1988-2007 Business Statistics I	Regular & Honor usiness Undergraduate Regular & Honor	r ,				
Decisions 1995-Present Operations Manageme 1988-2007 Business Statistics I	Regular & Honor	The University of Memphis				
1988-2007 Business Statistics I	nt Undergraduate					
		The University of Memphis				
1000 2007 Duaing == C4-4:-4:- 11	Undergraduate	The University of Memphis				
1988-2007 Business Statistics II	Undergraduate	The University of Memphis				
1982-2007 Operations Research N	Iodels Undergraduate	The University of Memphis				
1982-86 Management Informat Systems I	on Undergraduate	Southern Methodist University				
1982-86 Management Informat Systems II	on Undergraduate	Southern Methodist University				
Professional, Customer-Driven, International and Executive MBA Programs						
2022-present Suppl Chain Analytics	MBA	The University of Memphis				
2016-present Quality Driven Manag	ement MBA	The University of Memphis (Offered to FedEx Management)				
2015-present Introduction to Busine Analytics	EMBA, PMBA, CDMAB & IMBA					
2014 Operations Manageme	nt Joint MBA	Luleå University Technology (Sweden) and Bahar Business School (Iran)				
Supply Chain Manage	ment Joint MBA	LUT & Institute of Training, Research and Operational Consultancy for Tourism (INSTROCT), Iran				
Supply Chain Manage	nent Joint MSMBA	LUT & Institute of Training, Research and Operational Consultancy for Tourism (INSTROCT), Iran				
2010 Supply Chain Manage	ment MBA	Chahbahar International University (Iran)				
2009-present Biomedical Supply Ch Management	ain Customer-Driver MBA	The University of Memphis				
Supply Chain Manage.	ment Executive MBA	The University of Education, Ghana				
eSupply Chain Manag	ement MBA	Luleå University Technology (Sweden)				
1990-2001 Simulation & Analysis Business Systems	of MBA/PhD	The University of Memphis				
1989-Present Model-Assisted Manag Decision Making: An Perspective		The University of Memphis				
1989-Present Quantitative Methods Business Decisions	Or Professional MBA Customer-Driver MBA					
	PhD Programs					
2009 eSupply Chain Manage	ement PhD	Luleå University Technology (Sweden)				
2003-Present Survey of Statistical T	echniques PhD	The University of Memphis				

	riate Analysis for s Research	PhD	The University of Memphis
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Recent Executive Education Programs:

- Quality Driven Management Involvement in program planning, design, and delivery, 2015present, FedEx.
- Innovation Management & New Product Development: Educational Program Involvement in program planning, design, and delivery, 2003-2008, FedEx.
- Integrated Supply Chain Management for Suppliers: Educational Program Involvement in program delivery, spring 2001, Federal Express Corporation. Supply Chain Management: Educational Program (SCM 202) Involvement in program delivery, 2001-2002, FedEx Express Corporation.
- Executive MBA program: Involvement in program planning, design, and delivery, 1989-present.

Ph.D. DISSERTATION COMMITTEES

Committee Chair/Co-Chair:

- Priyanka Singh, Examining Moderating Effects of Industry Dynamism and R&D Intensity on the Linkages between Digital Marketing Capability and Customer Data Breach, 2021-present.
- Dr. Jeandri Robertson, Lulea University of Technology, Sweden, Competitive Advantage Strategies in Industrial Marketing: Using an Ecosystem Approach, 2021.
- Dr. Rohini Daraboina, Consumers Green Behavior: Perception, Intention and Purchase of Green Products, 2019-2022.
- Dr. John Narcum, *The Impact of BJW, Similarity, and Justice Restoration on Victim Blaming, Anti-Social Consumption, and Donation Giving: A Social Cognitive & Just World Explanation.*, 2014-2018.
- Dr. Jighyasu Gaur, Closed-Loop Supply Chain Configuration: Am Optimization Model for new and Reconditioned Products, 2012-2014.
- Dr. Arash Abolghasemi, Incorporating Sustainability in Supplier Relationship Management: A Study of Swedish Manufacturing SMEs, Luleåu University of Technology, Sweden, June 2010-December 2012.
- Dr. Kaveh Peighambari, Sustainable Purchasing in the Retail Industry: A Model of Environmentally Responsible Purchasing, Luleåu University of Technology, Sweden, June 2010-December 2012.
- Dr. John Buffington, Conceptualization and Fulfillment of Discontinuous Innovation through Generative Customization of Product Design Process and Supply Chain, Luleåu University of Technology, Sweden, December 2010.
- Mr. Ralph Claffin, *Evolutionary Metaheuristics for Location Problems*.
- Dr. Lawrence J. Schmitt II, An Empirical Computational Study of Genetic Algorithms to Solve Order Based Problems: An Emphasis on TSP and VRPTC.

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Committee Member:

- Dr. Michelle Montague-Mfuni, *Exploring the influence of host country ethnic fractionalization*, 2020-2022.
- Dr. Scott Mooty, Activity-Specific Experience Spillover: From Alliances to Mergers and Acquisitions, 2016-present.
- Dr. Rama K. Reddy, *Emerging Market Investment Strategies in Advanced Markets: A Country of Origin Perspective*, 2015-2016.
- Dr. Mohammad Nejad, Innovation Diffusion: An Agent-Based Simulation Modeling Approach, 2008-2011.
- Dr. Deon Garrett, Multiobjective Fitness Landscape Analysis and the Design of Effective Memetic Algorithm, 2007-2008.
- Dr. Munsung Rhee, *Strategic Fit's Performance Implication in Banking Industry*.
- Dr. Ahmad Azmie, *Productivity Performance Measurements in JIT*.
- Dr. Joyce Hoffman, The Diffusion of Efficient Consumer Response Strategy in the Grocery Distribution Channel.
- Dr. Anil Kumar, *Global Executive Information Systems*.
- Dr. Danilo Sirias, A Comparison of Quantity Discount and Lead time-Dependent Discount as Coordination Mechanisms in a Decentralized Supply Chain Management.
- Dr. Balaji Rajagopalan, Proposing a New Class of Models for the Diffusion of Information Technology Innovations.
- Dr. Gregory Tuite, Determining the Alternative Effectiveness of a Theory of Constraint Simulation Model for a V-Type Plant in the Specialty Chemical Process Industry.

CURRENT RESEARCH INTERESTS

- Supply chain/business analytics.
- Sustainable supply chain design, configuration and management.
- Social networks.
- Cyber Security.
- Biologistics.
- Agent-based simulation-optimization methods and applications.

RESEARCH GRANTS SUBMITTED

- \$3,500,000, Center For Supply Chain Crisis Management and Policy, State of Tennessee Shovel Ready Projects Program, April 10, 2020.
- \$100,000-\$200,000, Agent-Based Modeling and Simulation of Disinformation Detection and Spread in Dynamic Social Networks, April 2012.
- \$45,000,000, Developing a Biomass/Biofuel Corridor along the MO/MS River Floodplain, 2011.

 \$3,943,086, Modeling and Simulation of disinformation Spread and Reversal in Dynamic Social Networks, DARPA, September 2011.

FUNDED RESEARCH GRANTS

External Funded Research Grants:

- \$20,000 Center for Autonomous and Electrified Transportation in Agile Freight Supply Chains (CEATAFS), Industry-University Cooperative Research Centers (IUCRC) Program, Planning Grant, NSF, 2022.
- \$20,000, *The Intermodal Transportation Institute*, Dynamic Transportation Capacity Planning for New Product Diffusion: An Integrated ABMS-Optimization Framework, summer 2011.
- \$170,000, Thomas and Betts Corporation, Global Supply Chain Assessment, 2008-2010.
- \$100,000, *The Urban Child Institute*, Application of Simulation and Optimization Modeling in Policy Development toward Improving Community Child Well-Being, summer-2007-summer 2014.
- \$235,000, US Navy, Simulation Modeling and Analysis of the Street-to-Contract-Renewal Supply Chain: AMEK Job Family, fall 2007-spring 2008.
- \$250,000, *US Navy*, Value-Stream Mapping (VSM) and Simulation Modeling of the Street-to-Fleet Supply Chain: The Builder Community, summer 2006-spring 2007.
- \$74,750, FedEx Institute of Technology, What's next for RFID? 2005.
- \$50,000, FedEx Corporation, Memphis Hub: Design & Development of a GIS for Traffic Network Analysis, 2002-2003.
- \$49,698, Office of Naval Research, NETFORM: A General Approach to Combinatorial Optimization Problems, summer 2001- Fall 2002.
- \$112,000, Office of Naval Research, Personnel Distribution and Assignment Process: Improving Stakeholders Satisfaction, spring 2000-2002.
- \$68,282, Office of Naval Research, A NETFORM Approach for the Constraint Satisfiability Problem, Spring 2000-Summer 2001.
- \$30,000, FedEx Corporation, Supply Chain Service Offerings: A Review of Processes & Toolkits, 2001.
- \$30,000, First Tennessee Financials, Improving Customer Service Quality: Modeling and Analysis of Financial Centers Telephone Calls Inquiries, 2000.
- \$50,000, FedEx Corporation, Autobahn Project: Developing a Business Plan for Supply Chain Service Offerings, 1999.
- \$50,000, Smith & Nephew, National Supply Chain Reengineering: Improving Products Inventory Management and Customer Service Quality, 1988.
- \$79,472, Office of Naval Research, An Evolutionary Metaheuristic for the Multi-Resource Generalized Assignment Problem: A Case Study of the Scatter Search, Spring 1988-2000.
- \$50,000, L.L. Bean, Reverse Logistics Process Reengineering: A Computer Simulation Modeling Approach, 1997.
- \$50,000, Roche International, Optimization Models for Maintenance Crew Location Problem & Supply Chain Management, 1996-1997.

- \$12,000, *The U of M Physical Plant & Planning*, Maintenance Spare Parts Inventory Management, Spring 1995.
- \$20,000, *Sun Microsystems Company*, Equipment grant, Fall 1991.
- \$200,000, *IBM*, Supercomputer time for business applications, Summer 1990.
- \$3,000, *IBM*, Supercomputing Applications in Business, Fall 1989.

Internal Funded Research Grants:

- \$7,000, Fogelman College of Business and Economics, Sustainable Closed-Loop Supply Chain Configuration: In Pursue of Economic and Environmental Sustainability, Summer 2020.
- \$50,000, Fogelman College of Business and Economics, Fogelman College of Business and Economics, Application of Biometric Measurement in Study of Consumer Information Processing, Decision-Making and Behavior, Spring 2020.
- \$8,000, Fogelman College of Business and Economics, An Integrated Optimization Approach to Global Supply Chain Energy Consumption: A Quest for Economic and Environmental Sustainability, Summer 2019.
- \$8,000, Fogelman College of Business and Economics, Closed-Loop Supply Chain Configuration (CLSCC) for New and Refurbished Products: The Impact of Dual Market, Summer 2018 Research Grant.
- \$10,000, FIT-IFIT Solicitation for Developmental Research Funding, U of M, Assessment of Biologistics Research and Practices: Proposing a Cutting-Edge Research Agenda, Spring 2017.
- \$11,000, CAST Solicitation for Developmental Research Funding, U of M, Impact of Privacy Data Events on Consumers, Spring 2017.
- \$8,000, Fogelman College of Business and Economics, Closed-Loop Supply Chain Configuration (CLSCC) for New and Refurbished Products: A Case Study of Multiple Sourcing Strategy, Summer 2016 Research Grant.
- \$29,886, FIT-IFIT Solicitation for Developmental Research Funding, U of M, Assessment of Biologistics Research and Practices: Proposing a Cutting-Edge Research Agenda, Spring 2016.
- \$10,000, CAST Solicitation for Developmental Research Funding, U of M, Impact of Privacy Data Events on Retail Consumers and Suppliers, Fall 2015.
- \$8,000, Fogelman College of Business and Economics, Supply Chain configuration for new Products with Dual-Market, Summer 2015 Research Grant.
- \$8,000, Fogelman College of Business and Economics, New Product Diffusion via Consumers Social Networks: A Case Study of Duopoly Environment, Summer 2013 Research Grant.
- \$7,000, Fogelman College of Business and Economics, Optimal Supply Chain Configuration for New Products: A Study of Two-Segment Market, Summer 2012 Research Grant.
- \$8,000, Fogelman College of Business and Economics, Supply Chain Configuration and Innovation Diffusion: A Hybrid Modeling Approach, 2009 Summer Faculty Grant.
- \$8,000, Fogelman College of Business and Economics, Mixed-Discrete Generalized Network Problem: A New Tailored Optimization Approach, summer 2006

- \$7,000, Fogelman College of Business and Economics, Ghost Image Processes: A New Approach to Optimal Network Design, summer 2005.
- \$6,000, Fogelman College of Business & Economics, Faculty Summer Research Grant, Summer 1999.
- \$5,000, Fogelman College of Business & Economics, Faculty Summer Research Grant, Summer 1997.
- \$3,500, Fogelman College of Business & Economics, MBA Curriculum Review, Summer 1997.
- \$4,000, *The University of Memphis*, Faculty Summer Research Grant, Summer 1996.
- \$3,000, *The University of Memphis*, Business applications of Parallel Computers, Summer 1990.
- \$5,000, Fogelman College of Business and Economics, Surveys on the status of the supercomputing in Corporate America and the Schools of Business, Summer 1989.

RECENT APPLIED RESEARCH PROJECTS

- Allenberg Cotton Co., Massive Shipment Consolidation Optimization Software System, July 2013 – Present.
- FedEx Corporation, Global Network Performance Improvement, December 2010.
- ServiceMaster Company, Study and Re-Design of Supplier Network, April-August 2010.
- Thomas and Betts, Assessment of Supply Management Strategies and Transportation Network Analysis, 2008-2010.
- *The Urban Child Institute*, Simulation and Optimization Modeling in Policy Analysis for Community Child Well-Being, summer 2007-summer 2009.
- The US Navy, Simulation Modeling and Analysis of Manpower Supply Chain, 2007-2008.
- The US Navy, Value Stream Mapping Approach for the Navy Manpower and Personnel Supply Chain, 2006-2007.
- AutoZone Corporation, Supply Chain Initiative, 2005-2006.
- *FedEx Corporation*, Memphis Hub: Design & Development of a GIS for Traffic Network Analysis, 2002-2003.
- Dunavant Enterprises, Design and Implementation of a Decision Support System for Improving Sales Commitments to Quality Adherence, 2002-2003.
- FedEx Corporation, Supply Chain Service Offerings: A Review of Processes & Toolkits, 2001.
- First Tennessee Financials, Improving Customer Service Quality: Modeling and Analysis of Financial Centers Telephone Calls Inquiries, 2000.
- FedEx Corporation, Autobahn Project: Developing a Business Plan for Supply Chain Service Offerings, 1999.
- Smith & Nephew Company, National Supply Chain Reengineering: Improving Products Inventory Management and Customer service Quality, 1988.
- L.L. Bean, Reverse Logistics Process Reengineering: A Computer Simulation Modeling Approach, 1997.
- Sun Microsystems, Order Process Reengineering, 1997.

 Roche International, Optimization Models for Maintenance Crew Location Problem & Supply Chain Management, 1996-1997

BOOK CHAPTERS

- Kordestani A., Amini M., Salehi-Sangari E., "Environmentally and Socially Responsible Buyer Supplier Relationship Management." In: Kubacki K. (eds) Ideas in Marketing: Finding the New and Polishing the Old. Developments in Marketing Science: Proceedings of the Academy of Marketing Science. Springer, 2015.
- Glover, F., G. Kochenberger, A. Alidaee, and M. Amini, "Solving Quadratic Knapsack Problems by Reformulation and Tabu Search, Single Constraint Case," *Combinatorial and Global Optimization*, Pardalos, Migdalas, and Bukard, Editors, World Scientific Publishing, 2002.
- Amini, M.M., B. Alidaee, and G. Kochenberger, A Scatter Search Approach to Unconstrained Quadratic Binary Programs, *New Ideas in Optimization*, Corne, Dorigo, and Glover (Eds.) McGraw-Hill, 2000.
- Glover, F., G. Kochenberger, B. Alidaee, M.M. Amini, A Tabu Search with Critical Event Memory: An Enhanced Application for Binary Quadratic Programs, *Meta-Heuristics: Advances and Trends in Local Search Paradigms for Optimization*, Edited by Voss et al., Kluwer Academic Publishers, pp 93-109,1998.

REFEREED JOURNAL PUBLICATIONS

- Amini, M., C. Bienstock, and M. Golias, "Management of Supply Chains with Attribute-Sensitive Products: A Comprehensive Literature Review and Future Research Agenda," The International Journal of Logistics Management, Vol. 31, No. 4, pp 885-903, https://doi.org/10.1108/IJLM-11-2019-0306, 2020.
- Gaur, J., M. Amini, and A.K. Rao, "The Impact of Supply Chain Disruption on the Closed-Loop Supply Chain Configuration Profit: A Study of Sourcing Policies," *International Journal of Production Research*, DOI: 10.1080/00207543.2019.1657244, 2019.
- Gaur, J., R. Gupta, P. Banerjee, M. Amini, "Influence of Cultural Divergence on Consumers' Perception Towards Reconstructed Products: A Qualitative Enquiry," *International Journal of Nonprofit and Voluntary Sector Marketing*, DOI: 10.1002/nvsm.1665, 2019.
- Gaur, J., V. Mani, P. Banerjee, M. Amini, and R. Gupta, "Towards Building Circular Economy: A Cross-Cultural Study of Consumers' Purchase Intentions for Reconstructed Products," *Management Decision*, Vol. 57, No. 4, pp 886-903, 2019.
- Amini, M., C. Bienstock, and J. Narcum, "Status of Corporate Sustainability: A Content Analysis of Fortune 500 Companies," *Journal of Business Strategy and the Environment*, Vol. 27, No. 8, pp 1450-1461, 2018.
- Gaur, J., M. Amini, and A.K. Rao, "Closed-Loop Supply Chain Configuration for New and Repurposed Product: An Integrated Optimization Model," *OMEGA: The International Journal of Management Science*, Vol. 66, Part B, pp 212-223, 2017.
- Nejad, M.G., M. Amini, and D. Sherrell, "The Profit Impact of Heterogeneity and Assortativity in the Presence of Negative Word-of-Mouth," *International Journal of Research in Marketing*, Vol. 33, No. 4, 2016.

- Amini, M. and H. Li, "The Impact of Dual-Market on Supply Chain Configuration for New Products," *International Journal of Production Research*, Vol. 53, No. 18, pp. 5669-5684, 2015.
- Gaur, J., M. Amini, P. Banerjee, and R. Gupta, "Drivers of Consumer Purchase Intentions for Remanufactured Products: A Study of Indian Consumers Relocated to USA," *Qualitative Market Research: An International Journal*, Vol. 18, No. 1, pp 30-47, 2015.
- Nejad, M.G., M. Amini, and E. Babakus, "Success Factors in Product Seeding: The Role of Homophily," *Journal of Retailing*, Vol. 91, No. 1, pp 68–88, 2015.
- Dehghan, M., J. A. Harrison, M. Scarbecz, S. E. Langham and M. Amini "Implementation of the "Comprehensive Care" Educational Model: Student Survey at University of Tennessee College of Dentistry," *Journal of Dental Education*, pp 133-139, 2015.
- Amini, M., and C. Bienstock, "Corporate Sustainability: An Integrative Definition and Framework to Evaluate Corporate Practice and Guide Academic Research," *Journal of Cleaner Production*, 76, pp 12-19, 2014.
- Allen, D., M. Amini, B. Janz, E. Nichols, and M. Racer, "The Human Supply Chain: Mapping and Modeling the Flow of Human Capital for Navy 'Seabees'," *Journal of Supply Chain and Customer Relationship Management*, 2013(2013), Article ID 175961, DOI: 10.5171/2013.175961, 2013.
- Amini, M., T. Wakolbinger, M. Racer, and M. Nejad, "New Product Diffusion in Presence of Supply Chain Capacity Constraint and Negative Word of Mouth: An Agent- Based Modeling and Simulation Approach," *European Journal of Operational Research*, Vol. 216, No. 2, pp 301-311, 2012.
- Buffington, J., M. Amini, and K. Timur, "Development of a Product Design and Supply-Chain Fulfillment System for Discontinuous Innovation," *International Journal of Production Research*, Vol. 50, No. 14, pp 3776-3785, 2012.
- Li, H., and M. Amini, "A Hybrid Optimization Approach to Configure Supply Chain for New Product Diffusion: A Case Study of Multiple-Sourcing Strategy," *International Journal of Production Research*, Vol. 50, No. 11, pp 3152-3171, 2012.
- Liu, G., M. Amini, E. Babakus, and M.R. Stafford "Handling Observations with Low Interrater Agreement Values," *Journal of Analytical Sciences, Methods and Instrumentation*, 1 (2), pp 9-18, 2011.
- Bienstock, C.C., M. Amini, and D.R. Retzlaff-Roberts, "Re-Engineering a Reverse Supply Chain for Product Returns Services," *International Journal of Business Performance and Supply Chain Modeling*, Vol. 3, No. 4, pp 335-352, 2011.
- Amini, M., and H. Li, "Supply Chain Configuration for Dynamic Diffusion of New Products: An Integrated Optimization Approach," *Omega: International Journal of Management Science*, Vol. 39, pp 313–322, 2011.
- Amini, M.M., R.F. Otondo, B.D. Janz, and M.G. Pitts, "Simulation Modeling and Analysis: A Collateral Application and Exposition of RFID Technology," *Journal of Production and Operations Management*, Vol. 16, No. 5, pp 586-598, 2007.
- Glover, F., M.M. Amini, and G. Kochenberger, "Parametric Ghost Image Processes for Fixed-Charge Network Problems: A Study of Transportation Networks," *Journal of Heuristics*, Vol. 11, pp 307-336, 2005.
- Amini, M.M., D. Retzlaff-Roberts, and C. Bienstock, "Designing a Reverse Logistics Operation for Short Cycle Repair Services," *International Journal of Production Economics*, Vol. 96,

- No. 3, pp 367-380, 2005.
- Alidaee, B., M.M. Amini, and G. Kochenberger, "A Greedy Solutions of Selection and Ordering Problems," *European Journal of Operational Research*, Vol. 134, No. 1, pp 203-215, 2001.
- Amini, M.M., and D. Retzlaff-Roberts, "Supply Chain Reengineering: Improved Inventory Management and Customer Service Quality," *Cycle Time Research Journal*, Vol. 6, No. 1, pp. 29-34, 2000.
- Amini, M.M., and D. Retzlaff-Roberts, "A Reverse Logistics Process Reengineering: Improving Customer Service Quality," *Cycle Time Research Journal*, Vol. 5, No. 1, pp 31-42, 1999.
- Amini, M.M., D. Retzlaff-Roberts, "A Multi-Facility Decisions for Meeting Customer Service," Cycle Time Research Journal, Vol. 5, No. 1, pp 13-20, 1999.
- Amini, M.M., and M. Racer, "Heuristic Sensitivity Analysis in a Combinatoric Environment: An Exposition and Case Study," *European Journal of Operational Research*, Vol. 108, No. 3, pp 604-617, 1998.
- Schmitt, L., and M.M. Amini, "Performance Characteristics of Alternative Genetic Algorithmic Approaches to the Traveling Salesman Problem: An Empirical Study, *European Journal of Operational Research*, Vol. 108, No. 3, pp 551-570, 1998.
- Retzlaff-Roberts, D., and M.M. Amini, "A Decision Support System for Integrated Part Inventory Management: Improving Customer Service Quality," *Cycle Time Research Journal*, Vol. 1, No. 1, pp 33-42, 1998.
- Amini, M.M., and S. Mehra, "The Impact of Inflation on the Optimal Lot Sizing with Regular Inspections," *International Journal of Operations and Quantitative Management*, Vol 2, No. 3, pp 191-204, 1996.
- Amini, M.M., and M. Racer, "A Hybrid Heuristic for the Generalized Assignment Problem," European Journal of Operational Research, Vol 87, pp 343-348, 1995.
- Amini, M.M., and M. Racer, "A Rigorous Computational Comparison of Alternative Solution Methodologies for the Generalized Assignment Problem," *Management Science*, Vol 40, No. 7, pp 868-890, 1994.
- Racer, M., and M.M. Amini, "A Robust Heuristic for the Generalized Assignment Problem," *Annals of Operations Research*, 50, pp 487-503, 1994.
- Amini, M. M., "Determining the Minimum Cost Bid for Asset Evaluation of Insolvent Saving and Loan Institutions," *Journal of Operational Research*, Vol 45, No. 9, pp 999-1010, 1994.
- Mehra, S., and M.M. Amini, "A Simulation Analysis of Ordering Policies Under Inflationary Conditions," *International Journal of Operations and Production Management*, Vol. 14, No. 10, pp 72-83, 1994.
- Amini, M. M., "Vectorization of an Auction Algorithm for Solving Linear Assignment Problem," Computers and Industrial Engineering, Vol. 26, No. 1, pp 141-149, 1994.
- Amini, M. M., and R. E. Schooley, "Supercomputing In Corporate America: A Sample Survey,"
 Information and Management, 24, pp 291-303, 1993.
- Amini, M. M., and G. Greer, "Determining the Minimum Bid Price for Projects Involving Analysts from Multiple Locations," *Journal of Real Estate Research*, Vol. 8, No. 2, pp 265-278, 1993.
- Amini, M. M. and R. S. Barr, "Network Reoptimization: A Statistically Designed Comparison," INFORMS Journal on Computing, Vol 5, No. 4, pp 395-409, 1993.
- Amini, M. M., R. Nath, and R. E. Schooley, "The Status of Supercomputing in the Schools of

OTHER PUBLISHED PAPERS

- Amini M., and C. Bienstock, "Corporate Sustainability: A Framework," Invited for publication by Editor of the *Environmental Leader: Report 2012*, pp 28-29, http://www.environmentalleader.com/2012-insider-knowledge-report/.
- Amini, M. M., "Supercomputing in Corporate America," *Supercomputing Review*, September 1991, 40-41.
- Amini, M. M. and R. E. Schooley, "Supercomputing Awareness in Corporate America," Supercomputing Review, February 1991, 34-37.
- Amini, M. M. and R. E. Schooley, "'MIS Romance' in a Business Plan," *Business Perspectives*, the U of M, Spring, 1989.

INVITED PROCEEDINS AND ABSTRACT PUBLICATIONS

- Chatterjee, P., Y. Liu, R. Pandey, and M. Amini, "Optimal Pricing Policy for Green Products under Supply Disruption," *Production and Operations Management Society (POMS)*, Orlando, May 21-25, 2023.
- Amini, M., and M. Golias, "BioSupply Chains Management (BioSCM): Research Framework & Opportunities," The State of Freight Conference, the Second Annual Symposium on Biologistic Supply Chains, and the 66th Annual Port of New Orleans Night, The University of Memphis, FedEx Institute of Technology, October 11, 2017.
- Amini, M., O. Cooper, and M. Racer, "A Stakeholder-Theory Based Employer Health Plan Selection Model," *INFORMS Annual Meeting*, Philadelphia, November 1-4, 2015.
- Barr, R., M. Amini, F. Glover, and G. Kochenberger, "Self-Organizing (Ghost Image) Algorithm for Fixed-Charge Network Flows," *INFORMS Annual Meeting*, Phoenix, October 14-17, 2012.
- Amini, M., T. Wakolbinger, M. Racer, and M. Nejad, "New Product Diffusion and Supply Chain Production-Sales Policies: A Comparative Study," 25th EURO Conference, July 8-11, in Vilnius, Lithuania, 2012.
- Li, Haitao, and M. Amini, "Supply Chain Configuration for Diffusion of New Products," *INFORMS Annual Meeting,* Charlotte, November 13-16, 2011.
- Amini, M. M., T. Wakolbinger, M. Racer, and M. Nejad, "New Product Diffusion in Presence of Supply Chain Capacity Constraint and Negative Word-of-Mouth: An Agent-Based Modeling and Simulation Approach," *Agent-Based Simulation of Diffusion Processes Workshop*, University of Vienna, Vienna, Austria, April 8-9, 2010.
- Amini, M. M., T. Wakolbinger, M. Racer, and M. Nejad, "Alternative Supply Chain Management Strategies for New Product Diffusion: An ABMS Approach," *INFORMS Annual Meeting*, San Diego, October 11-14, 2009.
- Bienstock, C., M. Amini, and D. Retzlaff-Roberts, "Reengineering a Reverse Supply Chain for Product Returns Services," *Academy of Marketing Science Annual Conference*, Baltimore, MD, May 20-23, 2009.
- Amini, M., M. Racer, D. Cashbaugh, and T. Blackstone, Thomas Jones, and Rodney Myers, "Simulation Modeling and Analysis of the Street-to-First-Contract-Renewal Supply Chain,"

- INFORMS Annual Meeting, Washington DC, October 12-15, 2008.
- Amini, M., M. Racer, T. Jones, R. Myers, D. Cashbaugh, and T. Blackstone, "Simulation Modeling and Analysis of the Navy "Street-to-First-Contract-Renewal" Supply Chain," Eighth Annual Navy Workforce Research and Analysis Conference, Washington DC, May 5-8, 2008.
- Amini, M., M. Nejad, E. Babakus, and D. Sherrell, "Agent-Based Modeling and Simulation: A Frontier Research Approach to the New Product Diffusion," *Managing Business Complexity* with Agent-Based Modeling and Simulation Conference, FedEx Institute of Technology, April 24, 2008.
- Amini, M., M. Racer, D. Cashbaugh, and T. Blackstone, "Simulation Modeling of the Street-to-Fleet Supply Chain for the Builder Community," *INFORMS Annual Meeting*, Seattle, November 4-7, 2007.
- Amini, M., M. Racer, B. Janz, D. Allen, E. Nichols, D. Cashbaugh, and T. Blackstone, "Simulation Modeling and Analysis of "Street-to-Fleet" Supply Chain: The Builder Community," *Seventh Annual Navy Workforce Research and Analysis Conference*, Washington DC, May 1-3, 2007.
- Amini, M.M., F. Glover, and G. Kochenberger, "Parametric Ghost Image Processes for Fixed-Charge Problems: A Study of Transportation Network," *INFORMS National Conference*, Denver, October 24-27, 2004.
- Amini, M.M., "Supply Chain Performance Improvement," Expo Logistica Norte 2003 Conference, Monterrey, Mexico, February 26-27, 2003 [Plenary Speaker, Conferencia Magistral)].
- Amini, M.M., F. Glover, and G. Kochenberger, "Discrete optimization Via Netform and Dynamic Branch and Bound," *INFORMS National Conference*, San Jose, November 16-20, 2002.
- Amini, M.M., new Modeling and Solution Approaches for Detailing Problem: Toward Enhancing Stakeholders' Satisfaction, Military Personnel Research Science Workshop, Sponsored by INFORMS Military application Society, Memphis, TN, June 3-5, 2002.
- Glover, F., M.M. Amini, and G. Kochenberger, A Discrete NETFORM Approach to Fixed-Charge Transportation Problem, *Military Personnel Research Science Workshop*, Sponsored by INFORMS Military Application Society, Memphis, TN, June 3-5, 2002.
- Amini, M.M., Personnel Distribution and Assignment Process: Improving Stakeholders Satisfaction by New Evolutionary Constraint Satisfaction Methodology, Military Personnel Research Science Workshop, Sponsored by INFORMS Military application Society, Memphis, TN, June 3-5, 2001.
- Glover, F., M.M. Amini, and G. Kochenberger, A NETFORM Approach for the Constraint Satisfaction Problem, *Military Personnel Research Science Workshop*, Sponsored by INFORMS Military Application Society, Memphis, TN, June 3-5, 2001.
- Alidaee, B., M.M. Amini, and G. Kochenberger, Greedy Solutions of Selection and Ordering Problems, *INFORMS National Conference*, Seattle, October 25-28, pp 25, 1998.
- Alidaee, B., M.M. Amini, and G. Kochenberger, Application of Tabu Search, Scatter Search and the Unconstrained Quadratic Binary Program, *INFORMS National Conference*, Seattle, October 25-28, pp 88, 1998.
- Amini, M.M., and R.S. Barr, Using Statistical Experimental Design Principles for Empirical Comparison of Network Optimization Software, INFORMS National Conference, Seattle,

- October 25-8, pp 28, 1998.
- Amini, M.M., B. Alidaee, F. Glover, G. Kochenberger, A New Evolutionary Heuristic Approach to the 0-1 Quadratic Optimization Problem: A Case Study of the Scatter Search, *INFORMS National Conference*, Seattle, October 25-28, pp 25, 1998.
- Racer, M., M.M. Amini, P. Ghandforoush, Heuristic Sensitivity Analysis in a Combinatorial Environment: An Exposition and Case Study, *INFORMS National Conference*, Seattle, October 25-28, pp 25, 1998.
- Kochenberger, G., B. Alidaee, and M.M. Amini, "Applying Scatter Search & Tabu Search to Quadratic Binary Programs," *INFOMRS National Conference*, Montreal, April 26-29, pp 20, 1998.
- Ghandforoush, P., and M.M. Amini, "Scheduling of Bloodmobiles," *INFOMRS National Conference*, Montreal, April 26-29, pp 57, 1998.
- Alidaee, B., M.M. Amini, and G. Kochenberger, "Scatter Search (Evolutionary) Method for the Zero-One Quadratic Optimization Problem," INFORMS Computer Science Technical Section Conference on Computer Science & Operations Research: Recent Advances in the Interface, Monterey, January 7-9, 1998.
- Amini, M.M., B. Alidaee, and M. Racer, "Alternative Metaheuristic Approaches to the Multi Resource Generalized Assignment Problem," *INFOMRS National Conference*, Dallas, October 26-29, pp 6, 1977.
- Glover, F., G. Kochenberger, B. Alidaee, and M.M. Amini, "Tabu with Search Critical Event Memory: An Enhanced Application for Binary Quadratic Programs," *Second Metaheuristic International Conference*, Paris, July 12-15, 1997.
- Amini, M.M., B. Alidaee, and G. Kochenberger, "Hybrid Metaheuristic Approaches to the Multi Resource Generalized Assignment Problem: A Case Study of Tabu Search, Search Space Smoothing, and Noising Methods," *Second Metaheuristic International Conference*, Paris, July 12-15, 1997.
- Gonzalez, M., M. Racer, and M. Amini, "A Nested Sampling Methodology for Quality Control of Spatial Data," *INFORMS National Conference*, San Diego, May 4-7, pp 42, 1997.
- Barr, R., and m. Amini, "On the use of Formal Statistical Methods for the Empirical Analysis of Algorithms," *INFORMS National Conference*, San Diego, May 4-7, pp 98, 1997.
- Amini, M.M., M. Racer, and L.J. Schmitt, "A TS/GA Hybrid Heuristic for the Multi-Resource Generalized Assignment Problem," *INFORMS National Conference*, Atlanta, November 3-6, pp 8, 1996.
- Amini, M.M., L.J. Schmitt, and M. Racer, "An Empirical Study of Algorithmic Alternatives for the Multi-Resource Generalized Assignment Problem," *IFORS International Conference*, Vancouver, July 8-12, pp 91, 1996.
- Amini, M.M., L.J. Schmitt, and M. Racer, "A Hybrid Heuristic Approach for Solving Multi Resource Generalized Assignment Problem," *INFORMS National Conference*, Washington DC, May 5-8, pp 17, 1996.
- Amini, M.M., L.J. Schmitt, "Genetic Algorithmic Approaches to vehicle Routing Problems with Time Window," *INFORMS National Meeting*, New Orleans, Oct. 29-Nov. 1, pp 62, 1995.
- Racer, M., and M. M. Amini, "A Tabu Search Approach to the Multi-Resource Generalized Assignment Problem," *INFORMS National Meeting*, Los Angeles, April 23-26, pp 81, 1995.
- Amini, M. M., and L.J. Schmitt, "Alternative Genetic Algorithms for the Traveling Salesman Problem," *TIMS/ORSA National Meeting*, Los Angeles, April 23-26, pp 81, 1995.

- Amini, M.M., and M. Racer, "Parametric Analysis of a Variable-Depth-Search Heuristic for the Generalized Assignment Problem (Part II)," TIMS International Meeting, Anchorage June 12-15, pp 32, 1994.
- Amini, M.M., and M. Racer, "Parametric Analysis of a Variable-Depth-Search Heuristic for the Generalized Assignment Problem (Part I)," ORSA/TIMS National Meeting, Boston, April, 1994.
- Amini, M. M., and M. Racer, "Generalized Assignment Problem: A Computational Comparison of the Leading Heuristic," *Proceedings of the DSI National Meeting*, Washington DC, November 21-23, 1993.
- Amini, M. M., and R.S. Barr, "Network Reoptimization through Relaxation: A Computational Analysis," ORSA/TIMS National Meeting, San Francisco, November 1-4, 1992.

COMPETITIVELY ACCEPTED PROCEEDINS AND ABSTRACT PUBLICATIONS

- Nejad, M. G., and Mehdi Amini, "The Effect of Targets Attributes, Consumer Homophily, and Social Network Properties on Innovation Diffusion," PDMA Annual Conference and JPIM Research Forum, Orlando, FL, November 12-15, 2022.
- Dulebenets, M. Golias and M. Amini, "Characterization of Supply Chains with Perishable Products: A Survey of Literature," *INFORMS Annual Meeting*, Nashville, November 13-16, 2016.
- Cooper, O., and M. Amini, "Employer Health Plan Selection Decisions: A Stakeholder-Theory Based Analytic Network Process (ANP)," *INFORMS Healthcare Conference*, Nashville, July 29-31, 2015.
- Amini, M., and H. Li, "Integrated Optimization Model of Supply Chain Configuration for New Products with Two-Segment Market," *INFORMS Annual Meeting*, San Francisco, November 9-12, 2014.
- Kordestani, A., M. Amini, and E. Salehi-Sangari, "Environmentally and Socially Responsible Buyer-Supplier Relationship Management," *Academy of Marketing Science Annual Conference*, Monterey, California, May 15-18, 2013.
- Peighambari, K., M. Amini, and E. Salehi-Sangari, "Sustainable Purchasing in the Retail Industry: A Model of Environmentally Responsible Purchasing," *Academy of Marketing Science Annual Conference*, Monterey, California, May 15-18, 2013.
- Gaur, J., M. Amini, P. Banerjee, and R. Gupta, "Factors Affecting Remanufactured Products Buying: A Grounded Theory Approach," Association of Indian Management Scholars (AIMS) Tenth Annual Conference, Bangalore, India, January 6-9, 2013.
- Bienstock, C., M. Amini, and H. G. Choi, "Corporate Sustainability: A Framework to Guide Future Academic Research and Corporate Practice," *Academy of Marketing Science Annual Conference*, Coral Gables, Florida, May 24-27, 2011.
- Gensheng, L., E. Babakus, and M. Amini, "Interrater Agreement: The Forest versus the Trees,"
 DSI National Conference, San Diego, November 19-22, 2010.
- Blomgren, H., M. Amini, and E. Salehi-Sangari, "Corporate Strategic Adaptability to Climate Change: An Explorative Study on 1,000 European Annual CEO Letters 2000-2008," EURAM Annual Conference, Rome, Italy, May 19-22, 2010.

- Gensheng, L., E. Babakus, and M. Amini, "Interrater Agreement in Survey Research: The Forest and the Trees," *Annual Production and Operations Society Conference*, Vancouver, Canada, May 7-10, 2010.
- Anwar, M., M.M. Amini, and M. Racer, "MS/OR & Us Too!" *INFORMS National Conference*, San Jose, November 16-20, 2002.
- Amini, M.M., and D. Retzlaff-Roberts, "Supply Chain Reengineering at Smith & Nephew: Improving Inventory Management and Customer Service Quality," DSI National Conference, Orlando, November 18-21, 2000.
- Retzlaff-Roberts, D., and M.M. Amini, "Using Computer Simulation to Reengineer a Reverse Logistics Process," *INFORMS National Conference*, Cincinnati, May 2-5 1999.
- Amini, M.M., and D. Retzlaff-Roberts, "Improving Service Quality within Roche's International Supply Chain: Optimization Models for Maintenance Crew Domicile Selection," *INFOMRS* National Conference, Montreal, April 26-29, pp 27, 1998.
- Retzlaff-Roberts, D., and M.M. Amini, "International Supply Chain Logistics for Achieving Service Quality," *INFOMRS National Conference*, Dallas, October 26-29, pp 11, 1997.
- Schmitt, L. and M.M. Amini,"Parametric Experimentation with a Genetic Algorithmic Configuration for Solving the Vehicle Routing Problem," DSI National Conference, Orlando, November 24-26, pp 31, 1996.
- Schmitt, L.J., and M.M. Amini, "An Empirical Study of Genetic Algorithm Crossover Functions for Solving the Traveling Salesman Problem," *DSI National Conference*, November 20-22, pp 599, 1995.
- Amini, M. M., and M. Racer, "Sensitivity Analysis Procedures for the Generalized Assignment Problem: A case Study of the Variable-Depth-Search Heuristic," *Proceedings of the DSI National Meeting*, Honolulu, November 20-22, 1994.
- Amini, M. M., and B. Pease, "Data Envelopment Analysis: Assessing Operating Efficiency of the USPS Facilities Department," *Proceedings of the DSI National Meeting*, Honolulu, November 20-22, 1994.
- Schmitt, L.J., and M. M. Amini, "A Survey of Genetic Algorithmic Approaches for Solving Vehicle Routing Problems," *Proceedings of the DSI National Meeting*, Honolulu, November 20-22, 1994.
- Amini, M. M., "A Minimum Bid Price Model and Algorithm for Projects Involving Analysts from Multiple Locations," *Proceedings of the DSI National Meeting*, Washington DC, November 21-23, 1993.
- Racer, M. and M. M. Amini, "Parametric Analysis of a Variable-Depth-Search Heuristic for the Generalized Assignment Problem," *ORSA/TIMS National Meeting*, Phoenix, October 31 November 3, 1993.
- Amini, M. M., and M. Racer, "Alternative Heuristic Approaches to the Generalized Assignment Problem: A Statistically Designed Comparison," *ORSA/TIMS National Meeting*, Chicago, May 16-19, 1993.
- Amini, M. M., and M. Racer, "Design and Performance Characteristics of a Variable-Depth Search Heuristic for the Generalized Assignment Problem," *Proceedings of the DSI National Meeting*, San Francisco, November 24-26, 1992.
- Amini, M. M., and S. Mehra, "Optimal Lot Sizing with Terminal Inspection to Check Quality and Productivity," *Proceedings of the DSI National Meeting*, San Francisco, November 24 26, 1992.

- Amini, M. M., and M. Racer, "A Two-Stage Heuristic for Solving the Generalized Assignment Problem," ORSA/TIMS National Meeting, San Francisco, November 1-4, 1992.
- Amini, M. M., W. A. Cunningham, and W. H. Kemnmsies, "An Expected Utility Approach to the Analysis of Transportation Model Choice," *Proceedings of the Annual Transportation Research Forum Conference*, Fall 1992.
- Amini, M. M., W. A. Cunningham, and W. H. Kemnmsies, "A Framework for the Analysis of an Individual's Choice of Urban Transportation Modes," *Proceedings of the Sixty-Second Annual Conference of the Southern Economic Association*, November 22-24, 1992.
- Amini, M. M., and M. Racer, "A Variable-Depth-Search Heuristic for the Generalized Assignment Problem," ORSA/TIMS National Meeting, Orlando, April 26-29, 1992.
- Amini, M. M., "Performance Characteristics of the Auction Algorithm on the IBM 3090", *Proceedings of the DSI National Meeting*, Miami, November 24-26, 1991.
- Amini, M.M., S. Mehra, "A Simulation Analysis of Ordering Policies Under Inflationary Conditions," *Proceedings of the DSI National Meeting*, Miami, November 24-26, 1991.
- Amini, M.M., S. Mehra, "The Impact of Inflationary Conditions on the Production Lot Sizing with Inspection," ORSA/TIMS National Meeting, Anaheim, November 3-6, 1991.
- Amini, M.M., S. Mehra, "Are Order Quantities Affected by Inflationary Conditions?" ORSA/TIMS National Meeting, Nashville, May 12-15, 1991.
- Amini, M.M., and R. E. Schooley, "Applications of Supercomputers in Corporate America," *Proceedings of the DSI National Meeting*, San Diego, November 19-21, 1990.
- Amini, M. M., and H. A. Zaki, "A Survey of Applications of Supercomputers on MS/OR Methodologies," *Proceedings of the DSI National Meeting*, San Diego, November 19-21, 1990.
- Amini, M.M., and R. E. Schooley, "Corporate Supercomputing: Issues and Trends," *ORSA/TIMS National Meeting*, Philadelphia, October 27-31, 1990.
- Amini, M. M., and R. S. Barr, "Vectorization of Auction Algorithm," ORSA/TIMS Joint National Meeting, Las Vegas, May 7-9, 1990.
- Amini, M. M., and R. S. Barr, "Methodological Applications of Network Reoptimization,"
 Proceedings of the 21st Annual Southwest Decision Science Conference, Dallas, February 29

 March 3, 1990.
- Amini, M.M., and R. E. Schooley, "High-Performance Computers: Are Business Schools Ready?" Proceedings of the 17th Annual North American Conference of the International Business Schools Computer Users Group, Hershey, July 23-26, 1989.
- Amini, M. M., R. S. Barr, and R. Gunst, "An Experimental Design for Comparing Algorithmic Implementations," ORSA/TIMS Joint National Meeting, Vancouver, Canada, May 6-10, 1989.
- Amini, M. M., and R. S. Barr, "Network Reoptimization: A Computational Comparison of Algorithmic Alternatives," *ORSA/TIMS Joint National Meeting*, Washington D.C., April 23 26, 1988.

OTHER INVITED ACADEMIC & CORPORATE PRESENTTAIONS

 Deitz, G., M. Amini, and S. Jha, "Impact of Privacy Data Events on Consumer," CAST Conversation, FedEx Institute of Technology, University of Memphis, December 1, 2017,

- Memphis, TN.
- Amini, M, and M. Golias, "Status of Biologistics Research and Practice: Proposing a Research Agenda," Cluster to Advance Biologistics Research, Revotek Company, FedEx Institute of Technology, The University of Memphis, April 19, 2017, Memphis, TN.
- Deitz, G., and M. Amini, "Privacy Data Impact on Retail Consumers and Suppliers," 1st Annual Research Workshop on Advances & Innovations in Cyber Security, FedEx Institute of Technology, The University of Memphis, June 9-10, 2016, Memphis, TN.
- Amini, M, and M. Golias, "Assessment of Biologistics Research and Practices: Proposing a Cutting-Edge Research Agenda," Cluster to Advance Biologistics Research, Lightning Talks, FedEx Institute of Technology, The University of Memphis, January 22, 2016, Memphis, TN.
- Dietz, G. and M. Amini, "Impact of Privacy Data Events on Retail Consumers and Suppliers,"
 Cluster to Advance Cyber Security & Testing (CAST), Lighting Talks, FedEx Institute of
 Technology, The University of Memphis, December 3, 2015, Memphis, TN.
- Amini, M., "Supply Chain Configuration in the Age of Socially Networked Consumers: Capturing Inherent Complexities in Diffusion of New and Reconstructed Products," Supply Chain Management Speaker Series, Vienna University of Economics & Business, June 1, 2015, Vienna, Austria.
- Amini, M., "Sustainable Supply Chain Management: Threats and Opportunities," Mid-South Council of Supply Chain Professionals Seminar, FedEx Institute of Technology, The University of Memphis, Memphis, April 17, 2014.
- Amini, M., "Sustainable Supply Chain Management: A Proposed Research Center," GS1 Corporation, Stockholm, Sweden, October 5, 2012.
- Amini, M., "Sustainable Supply Chain Management: A Proposed Research Center," Atlas Copco Corporation, Stockholm, Sweden, October 5, 2012.
- Amini, M., and M. Racer, "eSOL: Mission, Objectives, Past and Current Projects," *FedEx Corporation*, February 2, 2011.
- Amini, M., and M. Racer, "OptSource Project: An Optimization-Based Decision Support Systems: Strategic Sourcing, Collaborative Supply-Demand Forecasting and Planning, and Order Placement Planning," ServiceMaster Corporation, July 27, 2010.
- Amini, M., "Sustainable Supply Chain Management: A Review of the Mining Industry," *LKAB Company*, Lulea, Sweden, June 8, 2010.
- Amini, M., M. Racer, "Thomas and Betts Global Transportation Network Assessment: Final Report," Thomas and Betts Corporation Headquarter, Memphis, TN, January 15, 2010.
- Amini, M. M., "Sustainability: The New Norm in Supply Chain Management," Royal University of Technology, Stockholm, Sweden, January 11, 2010.
- Amini, M. M., "Supply Chain Management: Incorporating Sustainability Dimension," *Institute of Industrial Management*, Tehran Iran, December 20, 2009.
- Amini, M., M. Racer, "Thomas and Betts Global Transportation Network Assessment: Transshipment Data Modeling and Analysis," Thomas and Betts Corporation Headquarter, Memphis, TN, December 7, 2009.
- Amini, M., T. Wakolbinger, M. Racer, and M. Nejad, "Alternative Supply Chain Management Strategies for New Product Diffusion: An ABMS Approach," Fogelman College of Business and Economics, The University of Memphis, Memphis, October 23, 2009.
- Amini, M., M. Racer, "Thomas and Betts Global Transportation Network Assessment: Inbound

- Data Modeling and Analysis," Thomas and Betts Corporation Headquarter, Memphis, TN, August 17, 2009.
- Amini, M., "An Overview of Current Navy/eSOL Partnership," Navy Personnel Command Strategic Planning Session, FedEx Institute of Technology, The University of Memphis, June 19, 2009.
- Amini, M.M., "The Future Supply Chain Management: Research and Educational Opportunities, Luleå University of Technology, Sweden, March, 3, 2008.
- Cashman, G. and M. Amini, "The Urban Child Institute Simulation Modeling Initiative," Managing "Human" Supply Chains: Novel Applications of SCM and Simulation Modeling Research Forum, FedEx Institute of Technology, The University of Memphis, June 14, 2007.
- Amini, M., M. Racer, B. Janz, D. Allen, E. Nichols, D. Cashbaugh, and T. Blackstone, "The "Street-to-Fleet" Supply Chain for Sailors: Simulation Modeling to Address Challenges in the Navy's Manpower Recruitment and Development," *Managing "Human" Supply Chains: Novel Applications of SCM and Simulation Modeling Research Forum*, FedEx Institute of Technology, The University of Memphis, June 14, 2007.
- Amini, M., B. Otondo, B Janz, and M. Pitts, "The Human Supply Chain in Healthcare: Patient Tracking and Simulation Modeling at a Regional Trauma Center," *Managing "Human" Supply Chains: Novel Applications of SCM and Simulation Modeling Research Forum*, FedEx Institute of Technology, The University of Memphis, June 14, 2007.
- Amini, M. and M. Racer, "Simulation Modeling Applications in Healthcare: Two Case Studies and Expositions," *Healthcare Research Journal Club Meeting*, The University of Memphis, April 25, 2007
- Amini, M.M., M. Racer, B. Janz, D. Allen, and E. Nichols, "Value-Stream Mapping and Simulation Modeling of Street-to-Fleet Supply Chain," *The Navy Manpower Planning Command Summit*, Millington, TN, March 1, 2007.
- Amini, M.M., "Enterprise Simulation and Optimization Lab (eSOL): Inauguration," eSOL Inauguration, FIT, the University of Memphis, March 1, 2007.
- Amini, M.M., "Simulation Modeling in Healthcare and Human Resource Management," Presented to a group of managers from FedEx visiting FIT, FedEx institute of Technology, February 15, 2007.
- Amini, M.M., "Simulation Modeling Study: Preterm Births and its Associated Socio Economic Costs," The Urban Child Institute, Memphis, TN, January 10, 2006.
- Amini, M.M, M. Racer, B. Janz, D. Allen, and E. Nichols, "Value-Stream Mapping and Simulation Modeling of the Navy Manpower and Personnel Supply Chain: Progress Report III," December 2006.
- Amini, M.M., "Simulation Modeling in Healthcare Management," The Urban Child Institute, Memphis, TN, December 2006.
- Amini, M.M, M. Racer, B. Janz, D. Allen, and E. Nichols, "Value-Stream Mapping and Simulation Modeling of the Navy Manpower and Personnel Supply Chain: Progress Report II," October 2006.
- Amini, M.M, M. Racer, B. Janz, D. Allen, and E. Nichols, "Value-Stream Mapping and Simulation Modeling of the Navy Manpower and Personnel Supply Chain: Progress Report I," September 2006.
- Amini, M.M., and B.D. Janz, "The RFID Technology Application in Industry: A Case Study of

- Memphis MED Trauma Center," *Food for thought: Innovation Fund* Presentations, FedEx Institute of Technology, September 15, 2005.
- Janz, B.D., and M.M. Amini, "Status of Sensor Technology: A Panel Discussion," FedEx Institute of Technology, April 20, 2005.
- Amini, M.M., "Optimization in Supply Network Design and Operations," First Anniversary of the FedEx Institute of Technology, November 15, 2004.
- Amini, M.M., "The FedEx Center for Supply Chain Management," Presentation to the TBR, June 26, 2003.
- Amini, M.M., "It's About Time! Optimization Models and Cycle Time reduction," Presentation to the Memphis Chapter of *Institute of Industrial Engineering*, February 27, 2001.
- Amini, M.M., "Personnel Distribution and Assignment Process: Improving Stakeholders Satisfaction by a New Evolutionary Constraint Satisfaction Methodology," Presentation to the ONR visiting group, March 17, 2000.
- Amini, M.M., and D. Retzlaff-Roberts, "Smith and Nephew Supply Chain Reengineering: Improving Inventory Management and Customer Service Quality, Presentation to a group of managers with Smith & Nephew, Memphis, June 1999.
- Amini, M.M., "Teaching Excellence Fellowship Award: Reengineering of the Pedagogy of Production & Operations Management," The College Executive Advisory Board, Fogelman College of Business & Economics, The University of Memphis, March 27, 1998.
- Amini, M.M., "Teaching Excellence: Reengineering of the Pedagogy of Production & Operations Management," Faculty & Graduate Students of the Fogelman College of Business & Economics, The University of Memphis, March 26, 1998.
- Amini, M.M., "Effective Lectures," Center for Academic Excellence, The University of Memphis, March 5, 1998.
- Amini, M.M., "Federal Express Center for Supply Chain Management: Logistics Research Projects," Council of Logistics Management, Memphis, January 1998.
- Amini, M.M., and D. Retzlaff-Roberts, "A Simulation Model for the Reengineering of the Reverse Logistics Process at the LL Bean," Presentation to a group of managers with L.L. Bean, Freeport, August 1997.
- Amini, M.M., and D. Retzlaff-Roberts, "A Simulation Model for Reengineering of the Reverse Logistics Process at the LL Bean," Presentation to a group of Managers with L.L. Bean, Freeport, December 1997.
- Amini, M.M., "Optimization Models for Supply Chain Management: The Complex Frontier," The American Production and Inventory Control Society and National Association of Purchasing Management Joint Annual Memphis Chapters' Meeting, Memphis, November 1997.
- Amini, M.M., B. Blair, and T. Toomey, "Improving School Busing in Shelby County: A Comparative Study between Memphis & Little Rock," Presentation to a group of managers with the Shelby County School System, May 1997.
- Amini, M.M., and D. Retzlaff-Roberts, "Optimization Models for Maintenance Crew Domicile Selection at the Roche Diagnostic Systems, Inc.," Presentation to a group of managers with Federal Express and Roche, May 1997.
- Amini, M.M., "Review and Design of a New MBA Program at The University of Memphis," Presentation to the Dean's Executive Advisory Board, April 1997.
- Amini, M.M., and J. Jarrell, "A Proposal on the Center of Logistics at The University of Memphis," Presentation to a group of managers at the Tennessee Department of

Transportation, Fall 1996.

- Amini, M.M., "Productivity Measurement Systems in the Service Industry," Presentations to various management groups at the United States Postal Services, 1992-1995.
- Amini, M.M., "Supercomputing in the Business World," Presentation to the University Research Board of Visitors, October 1992.

ACADEMIC SERVICES

Research Centers Leadership Roles:

- Founder & Director, enterprise Simulation and Optimization Lab (eSOL), 2006-Present.
- Associate Director, FedEx Center for Supply Chain Management, 1997- Present.

University Boards, Councils & Committee Committees:

- College Representative, Institutional Review Board (IRB), 2019-present
- College Representative, University of Memphis Research Council, 2018-present.

University/College/Department Committees:

- Chair, College Research Council, 2018-2019
- Member, University Research Council 2018-present
- Dean Appointee, College Tenure and Promotion Committee, 2017-2020
- Chair, Business Analytics Adhoc Committee, 2012-present.
- Member, Department Tenure and Promotion Committee, 2000- Present.
- Member, Department Graduate Program Curriculum Committee, 2000- Present.
- Member, Department PhD Program and Research Committee, 2000- Present.
- Member, Department Journal Ranking Standing Committee, 2004-Present.
- Chair, Department Tenure-Promotion Committee, 2013-2014, 2021-2022.
- Member, Marketing & Operations Behavioral Lab (MOBL) Advisory Committee, 2013-present.
- Chair, Faculty Recruiting Committee, 2010-2011, 2021-2022.
- Member, College Continuous Improvement Committee, 2009-2013, 2019-present
- Member, College AACSB PMBA/EMBA Programs Assessment Committee, 2009-2010.
- Member, College Honor Program Committee, 2009-2010.
- Member, BioMed MBA Track Program Design Committee, fall 2007.
- Member, Suzan Palmer Professorship Award Committee, 2008-2014.
- Member, Department Chairperson Recruiting Committee, spring 2006.
- Member, Department Faculty Recruiting Committee, fall 2005-spring 2006.
- Member, Department Faculty Recruiting Committee, spring 2005.
- Member, College MBA/AACSB Committee, 2005-2009.
- Member, College Tenure and Promotion Committee, 2002-2004.
- Member, College Intellectual Contribution Committee, spring 2001-2003.
- Member, College Restructuring Committee, spring 2001-2003.
- Member, Executive MBA Faculty Advisory Board, 1992-2003.

- Member, MBA Curriculum Review Committee, 2001-2002.
- Chair, MBA Curriculum Review Committee, March 1996-1998.
- Member, College Graduate Council, 1990-1992 &1998-2003.
- Member, College Committee on Tenure and Promotion Guidelines Review and Redesign, 1996-1997.
- Member, International MBA Curriculum Review Committee, October 1996-1997.
- Member, College Council for Graduate Studies, 1996-1997.
- Member, College Alternative Curriculum Models Committee 1992-1993.
- Member, MIS/DS Dept. Chairman Recruiting Committee, Spring-Summer 1993.
- Chair, Research Seminar Committee, MIS/DS Dept., 1990-1991.
- Member, Credit-By-Exam Committee, MIS/DS Dept., 1992-1993.
- Member, Research Seminars Committee, MIS/DS Dept., 1988-1992 & 1993-1994.
- Member, Undergraduate Recruiting Committees, MIS/DS Dept., 1988-1989.

PROFESSIONAL SERVICES

Journal Editorial Review Board Memberships:

- Operations Research Journal
- Omega: International Journal of Management Science
- European Journal of Operational Research
- International Journal of Production Research
- International Journal of Operations Management
- Journal of Production Operations Management
- International Journal of Production Economics
- International Journal of Operations Research and Information Systems.
- International Journal of Applied Logistics (IJAL)
- Naval Research Logistics Quarterly
- IIE Transactions on Engineering Operations
- International Journal of Heuristics
- International Transactions in Operational Research Journal
- IIE Transaction
- INFORMS Journal on Computing
- International Journal of Operations and Quantitative Management
- Journal of Business Research
- POM/DS Area Editor, Production Operations Management, Journal of Applied Mathematics and Decision Sciences, 1999-2006
- Journal of Transportation and Logistics

Other Professional Services:

- Session Chair, Ist Annual Research Workshop on Advances & Innovations in Cyber Security, FedEx Institute of Technology, The University of Memphis, June 9-10, 2016, Memphis, TN.
- Track Chair, Organizing Committee, Academy of Marketing Science Conference, Monterey Bay,

- CA, May 15-18, 2013.
- Session Chair, Academy of Marketing Science Conference, Monterey Bay, CA, May 15-18, 2013.
- Member, Organizing Committee, Mid-South Logistics Security Seminar, FedEx Institute of Technology, March 25, 2010.
- Member, Organizing Committee, Managing Business Complexity with Agent-Based Modeling and Simulation, FedEx Institute of Technology, April 24, 2008.
- Member, Organizing Committee, Developing Trends in the Supply Chain, FedEx Institute of Technology, February 21, 2008.
- Member, Organizing Committee, Managing "Human" Supply Chain: Novel Applications of SCM and Simulation, FedEx Institute of Technology, June 14, 2007.
- Member, Organizing Committee, eSOL Inauguration, FedEx Institute of Technology, March 1, 2007.
- Member, Organizing Committee, Supply Chain Management Summit, The New Millennium, Memphis, May 2004.
- Session Chair, INFORMS National Conference, October 25-28, 1998.
- Session Chair, INFORMS National meeting, Montreal, April 26-29, 1998.
- Session Chair, IFORS International Conference, Vancouver, Canada, July 8-12, 1996.
- Session Organizer & Chair, ORSA/TIMS National Meeting, Los Angeles, spring 1995.
- Session Chair, Annual DSI National Conference, Honolulu, fall 1994.
- Papers Discussant, DSI National Conference, Honolulu, fall 1994.
- Session Chair, Annual DSI National Conference, Washington DC, fall 1993.
- Papers Discussant, DSI National Conference, Washington DC, fall 1993.
- Member, National USPS Productivity Assessment Committee, 1992-1993.
- Session Chair, ORSA/TIMS National Meeting, San Francisco, fall 1992.
- Publication Chair, ORSA/TIMS National Meeting- Nashville, spring 1991.
- Coeditor, 2nd Annual IRMA Conference Proceedings, Spring 1991.
- Coeditor, 21st Annual Southwest Region Decision Sciences Institute Conference Proceedings, Spring 1990.
- Special Issue Editor of the spring, 1990 edition of *Business Perspectives Journal*.
- Organizing and chairing a session on "Supercomputing in MS/OR," for National DSI Meeting, fall, 1990.

PROFESSIONAL ORGANIZATIONS MEMBERSHIPS

- Institute for Supply Management (ISM).
- Institute for Operations Research and the Management Science (INFORMS)
- Production and Operations Management Society (POMS)
- Decision Sciences Institute (DSI).
- Alfred P. Sloan Foundation and the Industry Studies, Affiliate Member.

