

FARZAD MAHMOODI
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ACADEMIC & ADMINISTRATIVE EXPERIENCE

Joel Goldschein '57 Endowed Chair Professor in Supply Chain Management, Director of Global Supply Chain Management Program, Clarkson University, Potsdam, NY (7/2011-present).

Clarkson's undergraduate Global Supply Chain Management Program has been ranked as a Top-20 program in the nation by U.S. News & World Report for 17 years.

Professor of Operations Management, Director of Global Supply Chain Management Program, Clarkson University, Potsdam, NY (7/2004-6/2011). On sabbatical leave from Clarkson University; Visiting Professor at the University of Ottawa- Canada (8/2004-6/2005).

Clarkson's undergraduate Production / Operations Management Program has been ranked 19th in the nation by U.S. News & World Report in 2010.

Professor of Operations Management, Associate Dean for Graduate and Executive Programs, School of Business, Clarkson University, Potsdam, NY (7/2005-12/2007).

Professor of Operations Management, Director of Center for Global Competitiveness and Director of Engineering and Global Operations Management Graduate Program, Clarkson University, Potsdam, New York (7/2000-6/2004).

Professor of Operations Management, Director of Engineering and Manufacturing Management Graduate Program, Clarkson University, Potsdam, New York (7/99-6/2000).

Associate Professor of Operations Management, Director of Engineering and Manufacturing Management Graduate Program and Director of Graduate Business Programs, Clarkson University, Potsdam, New York (7/98-6/99).

Associate Professor of Operations Management and Director of Undergraduate Business Programs, Clarkson University, Potsdam, New York (7/96-6/98).

Associate Professor of Operations Management, School of Business, Clarkson University, Potsdam, New York (7/95-6/96).

Assistant Professor of Operations Management, School of Business, Clarkson University, Potsdam, New York (7/89-6/95).

Instructor of Operations Management, School of Business, Clarkson University, Potsdam, New York (1/89-6/89).

Instructor, Industrial Engineering Division, University of Minnesota, Minneapolis, Minnesota. (1/88-12/88).

Research Assistant, Industrial Engineering Division, Computer Integrated Manufacturing (CIM) Consortium, University of Minnesota, Minneapolis, Minnesota (4/86-12/88).

Instructor, School of Business Administration, University of Washington, Seattle, Washington (9/84-3/86).

Teaching Assistant, Industrial Engineering Division, University of Minnesota, Minneapolis, Minnesota (1/82-6/84).

Note: The detailed description of the administrative responsibilities is provided on pages 26 and 27.

EDUCATION

Ph.D. (September 1989), Industrial Engineering, minor in Production/Operations Management, University of Minnesota, Minneapolis, Minnesota.

University of Washington, College of Business Administration, Seattle, Washington. Ph.D. course work in Production/Operations Management completed, (9/84-3/86).

M.S. (August 1983), Industrial Engineering, minor in Production/Operations Management, University of Minnesota, Minneapolis, Minnesota.

B.S. (December 1981), Mechanical Engineering, minor in Industrial Engineering, University of Minnesota, Minneapolis, Minnesota.

ACADEMIC AWARDS & HONORS

Recipient of the **Professor of the Year- MBA Module**, May 2019. (Awarded to the best professor in the MBA program by selection of the MBA students).

Recipient of the **Professor of the Year- MBA Module**, May 2018. (Awarded to the best professor in the MBA program by selection of the MBA students).

Recipient of the **Professor of the Year- MBA Module**, May 2017. (Awarded to the best professor in the MBA program by selection of the MBA students).

Recipient of the **Professor of the Year- MBA Module**, May 2016. (Awarded to the best professor in the MBA program by selection of the MBA students).

Recipient of the **Clarkson University Student Association Outstanding Teaching Award**, May 2015. (Awarded to the one faculty member at Clarkson University by selection of the senior class).

Recipient of the **Professor of the Year- MBA Module**, May 2015. (Awarded to the best professor in the MBA program by selection of the MBA students).

Recipient of the Beta Gamma Sigma **Ralph Janaro Memorial Faculty Award**, March 2014. (Awarded to the best faculty member in the Clarkson University School of Business by

selection of the student members of the local chapter of Beta Gamma Sigma International Business Honor Society).

Recipient of the **Professor of the Year- MBA Module**, May 2013. (Awarded to the best professor in the MBA program by selection of the MBA students).

Recipient of the Beta Gamma Sigma **Ralph Janaro Memorial Faculty Award**, April 2012. (Awarded to the best faculty member in the Clarkson University School of Business by selection of the student members of the local chapter of Beta Gamma Sigma International Business Honor Society).

Recipient of the **Professor of the Year- MBA Module**, May 2011. (Awarded to the best professor in the MBA program by selection of the MBA students).

Recipient of the **Professor of the Year- MBA Module**, May 2010. (Awarded to the best professor in the MBA program by selection of the MBA students).

Recipient of the **Professor of the Year- MBA Module**, May 2007. (Awarded to the best professor in the MBA program by selection of the MBA students).

Inducted to **Phalanx** at the University Recognition Day, April 2004. (Established in 1929, Phalanx is Clarkson's highest recognized honor society. It consists of a group of selected members of the Clarkson Community who have demonstrated leadership skills, along with outstanding character, and high morals).

Recipient of the **Commendable Leadership Award**, April 2004. (Awarded to individuals who have demonstrated outstanding leadership abilities and quality participation in organizations associated with Clarkson University.)

Included in the Sixth Edition of **Who's Who Among America's Teachers**, October 2000. (Faculty members are selected based on student nominations.)

Inducted to **Beta Gamma Sigma Honor Society**, May 1999. (Beta Gamma Sigma is an Honor Society for Collegiate Schools of Business. Faculty members are selected on the basis of high scholastic achievement.)

Recipient of 1999 **Excellent Director Award**. (Award was voted on by the graduating MBA/MS students to recognize outstanding service to the graduate business programs.)

Recipient of 1998 **Clarkson University Distinguished Teaching Award**. (This is the highest teaching award in the university, awarded once a year to only one Clarkson University faculty member for outstanding teaching accomplishments by selection of the Clarkson University alumni.)

Recipient of 1997 **School of Business Faculty Leadership Award**. (Awarded every other year to School of Business faculty members who have achieved excellence in research, teaching and service).

Recipient of 1995 **Clarkson University John W. Graham Jr. Faculty Research Award**.

(This is the highest faculty research award, awarded once a year to only one Clarkson University faculty member for outstanding research accomplishments and promise of future achievements.)

Recipient of 1995 **School of Business Faculty Leadership Award**. (Awarded every other year to School of Business faculty members who have achieved excellence in research, teaching and service.)

Recipient of 1994 **Tau Delta Kappa Teacher's Excellence Award**. (Awarded every year to a Clarkson University faculty member for excellence in teaching by the Tau Delta Kappa fraternity.)

Recipient of 1990 **Clarkson University Personal Computer Curriculum Award**. (Awarded in recognition of curriculum development accomplishments by selection of the students.)

TEACHING INTERESTS

Have taught supply chain management, global sourcing & supply chain design, production & operations management, statistical quality control, quality management and process control and design of experiments at undergraduate and graduate levels since 1989. Also, taught extensively in Engineering & Global Operations Management graduate program for working professionals (since 1991), University of Ottawa Executive MBA Program in Canada (2005-2018), Reims School of Management International MBA Program in France (2006-2017), and University of Applied Sciences Upper Austria (2021). The student teaching evaluations have consistently been excellent.

Have successfully directed and conducted executive development seminars in global supply chain management for mid to high-level executives at Clarkson University since 2001. Participating companies include: Accenture, Alcoa, Allan Chemical Corporation, Amazon, Assa Abloy, Avon Products, Bank of America, Boeing, Car Freshner, Carrier Corporation, Corning Inc., Crane Company, Cybex, Dell Computer Corporation, Delta Air Lines, Dressor-Rand Company, Eastman Kodak Company, Emtek, Frito-Lay (Division of Pepsi Co.), General Dynamics, General Electric, General Motors Corporation, Grainger Inc., Handheld Products, Hewlett-Packard Company, Honeywell International, IBM, IDEX Corporation, Intervet/Schering-Plough, ITT Industries Inc., JHP Pharmaceuticals, Johnson & Johnson, Klein Steel Service, Kraft Foods, Lockheed Martin, Lutron Electronics, Medeco, National Grid, New York Air Brake, Northrop Grumman, O'Brien & Gere, Osram Pemko, Sylvania Inc., Raymond Corporation, Rockwell International, Saint-Gobain, Sargent Manufacturing, Sikorsky Aircraft, Stanley Black&Decker, Texas Instruments, Toyota, TRW Automotive, Welch Allyn, Wyeth Pharmaceuticals, and Xerox Corporation.

RESEARCH INTERESTS

Sourcing decisions and supply chain design, measuring the supply chain financial performance, shop floor control, scheduling, and design of cellular manufacturing and flexible manufacturing systems, order releasing and due date assignment in manufacturing shops, lot splitting in

bottlenecked production systems, systems modeling and simulation, and quality management.

REFEREED JOURNAL PUBLICATIONS

- Mahmoodi, F., Blutinger, E., Echazú, L., and Nocetti, D. "COVID-19 and Health Care Supply Chain: Impacts and Lessons Learned," *CSCMP's Supply Chain Quarterly*, Vol. 15, Q. 1, 2021, 18-23.
- Nourbakhsh, V., Mahootchi, M., Ahmadi, A., and Mahmoodi, F., "Integration of Data Envelopment Analysis with Decision Maker Preference for Supplier Selection," *International Journal of Industrial Engineering*, 2021, forthcoming.
- Ahmed, M. U., Shafiq, A., and Mahmoodi, F., "The Role of Supply Chain Analytics Capability and Adaptation in Unlocking Value from Supply Chain Relationships," *Production Planning & Control*, 2021, forthcoming.
- Shafiq, A., Ahmed, M. U., and Mahmoodi, F., "Impact of Supply Chain Analytics and Customer Pressure for Ethical Conduct on Socially Responsible Practices and Performance: An Exploratory Study," *International Journal of Production Economics*, vol. 225, July 2020.
- Williams, W., and Mahmoodi, F., "SKU Rationalization: Finding the Right Balance Between Too Many and Too Few," *CSCMP's Supply Chain Quarterly*, Vol. 13, Q. 4, 2019, 32-37.
- Ruiz-Torres, A., Mahmoodi, F., and Ohmori, S., "Joint Determination of Supplier Capacity and Returner Incentives in a Closed-Loop Supply Chain," *Journal of Cleaner Production*, Vol. 215, 2019, 1351-1361.
- Ruiz-Torres, A., Paletta, G., Mahmoodi, F., and Ablanedo-Rosas, J., "Scheduling Assemble-to-Order Systems with Multiple Cells to Minimize Costs and Tardy Deliveries," *Computers & Industrial Engineering*, Vol. 115, 2018, 290-303.
- Nocetti, D., Mahmoodi, F., and Wasserman, M., "Navigational Aids for an Uncertain World," *CSCMP's Supply Chain Quarterly*, Vol. 12, Q. 1, 2018, 34-38.
- Ruiz-Torres, A., Mahmoodi, F., and Kuula, M., "Quality Assurance Laboratory Planning System to Maximize Worker Preference Subject to Certification and Preference Balance Constraints," *Computers & Operations Research*, vol. 83, 2017, 140-149.
- Wasserman, M., and Mahmoodi, F., "Using a Structured Method to Proactively Manage Disruptive Technologies Impacting the Supply Chain," *CSCMP's Supply Chain Quarterly*, Vol. 11, Q. 1, 2017, 24-29.
- Mahmoodi, F., Hofer, P., and Losbichler, H., "Influence of Supply Chain Management Initiatives on the Basic Drivers of the European Manufacturers Profitability," *Journal of International & Interdisciplinary Business Research*, vol. 3, 2016, 84-99.
- Ruiz-Torres, A., Ablanedo-Rosas, J., Alomoto, N., Mahmoodi, F., and Zeng, A., "Production Planning of Parallel Resources Considering Yields, Failures and Production Cost,"

International Journal of Applied Management Science, vol. 6, no. 2, 2014, 99-117.

Ruiz-Torres, A., Mahmoodi, F., and Zeng, A., "Supplier Selection Model with Contingency Planning for Supplier Failures," *Computers & Industrial Engineering*, vol. 66, 2013, 374-382.

Losbichler, H., and Mahmoodi, F., "Why Working Capital Should Matter to You," *Supply Chain Management Review*, vol. 16, no. 6, 2012, 26-33.

Mahapatra, S., Yu, D., and Mahmoodi, F., "Impact of the Pull and push-pull Policies on the Performance of a Three-Stage Supply Chain," *International Journal of Production Research*, vol. 50, no. 16, 2012, 4699-4717.

Ruiz-Torres, A., Mahmoodi, F., and Ayala-Cruz, J., "Supply Chain Management Research in Latin America: A Review," *Supply Chain Forum: an International Journal*, vol. 13, no. 1, 2012, 20-36.

Frascatore, M., and Mahmoodi, F., "Cost-Sharing Contracts and Efficiency in a Two-Stage Supply Chain," *International Journal of Integrated Supply Management*, vol. 6, no. 1, 2011, 3-19.

Graves, S., Graham, M., and Mahmoodi, F., "The Important Role of Change Management in Environmental Management System Implementation," *International Journal of Operations & Production Management*, vol. 31, no. 6, 2011, 631-647.

Ruiz-Torres, A., Mahmoodi, F., and Lopez, F.J., "Supplier Allocation and Safety Stock determination Based on Supplier Reliability," *International Journal of Logistics Systems and Management*, vol. 7, no. 4, 2010, 412-430.

Ruiz-Torres, A., and Mahmoodi, F., "Safety Stock Determination Based on Parametric Lead Time and Demand Information," *International Journal of Production Research*, vol. 48, no. 10, 2010, 2841-2857.

Ruiz-Torres, A., and Mahmoodi, F., "Analysis of Multi-Cell Production Systems Considering Cell Size and Worker Flexibility," *International Journal of Industrial Engineering*, vol. 15, no. 4, 2008, 360-372.

Losbichler, H., Mahmoodi, F., and Rothboeck, M., "Creating Greater Shareholder Value from Supply Chain Initiatives" *Supply Chain Forum: an International Journal*, vol. 9, no. 1, 2008, 82-91.

Ruiz-Torres, A., and Mahmoodi, F., "Outsourcing Decision in Manufacturing Supply Chains Considering Production Failure and Operating Costs," *International Journal of Integrated Supply Management*, vol. 4, no. 2, 2008, 141-158.

Frascatore, M., and Mahmoodi, F., "Long-Term Penalty Contracts in a Two-Stage Supply Chain with Stochastic Demand," *European Journal of Operational Research*, vol. 184, no. 1, 2008, 147-156.

- Ruiz-Torres, A., and Mahmoodi, F., "Impact of Worker and Shop Flexibility on Assembly Cells," *International Journal of Production Research*, vol. 45, no. 6, 2007, 1369-1388.
- Ruiz-Torres, A., and Mahmoodi, F., "The Optimal Number of Suppliers Considering the Costs of Individual Supplier Failures," *International Journal of Management Science (Omega)*, vol. 35, no. 1, 2007, 104-115.
- Ruiz-Torres, A., and Mahmoodi, F., "A Supplier Allocation Model Considering Delivery Failure, Maintenance and Supplier Cycle Costs," *International Journal of Production Economics*, vol. 103, 2006, 755-766.
- Mahmoodi, F., Wasserman, M.E., and Pant, S., "The Evolution of Supply Chain Management Education in North America," *International Journal of Integrated Supply Management*, vol. 2, no. 4, 2006, 316-329.
- Mahmoodi, F., Wasserman, M.E., and Pant, S., "Supply Chain Management Program at Clarkson University: A Systems Approach," *International Journal of Integrated Supply Management*, vol. 2, no. 3, 2006, 285-291.
- Ritchey, J.R., Mahmoodi, F., Frascatore, M.R., and Zander, A.K., "A Framework to Assess the Economic Viability of Remanufacturing," *International Journal of Industrial Engineering*, vol. 12, no. 1, 2005, 89-100.
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- Mosier, C.T., and Mahmoodi, F., "Work Sequencing in a Manufacturing Cell with Limited Labour Constraints," *International Journal of Production Research*, vol. 40, no. 12, 2002, 2883-2899.
- Farling, B., Mosier, C.T., and Mahmoodi, F., "Analysis of Automated Guided Vehicle Configurations in Flexible Manufacturing Systems," *International Journal of Production Research*, vol. 39, no. 18, 2001, 4239-4260.
- Ruben, R.A., and Mahmoodi, F., "Lead Time Prediction in Unbalanced Production Systems," *International Journal of Production Research*, vol. 38, no. 7, 2000, 1711-1729.
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- Mahmoodi, F., Mosier, C.T., and Morgan, J.R., "The Effects of Scheduling Rules and Routing Flexibility on the Performance of a Random Flexible Manufacturing System," *International Journal of Flexible Manufacturing Systems*, vol. 11, no. 3, 1999, 271-289.
- Ruben, R.A., and Mahmoodi, F., "Lot Splitting in Unbalanced Production Systems," *Decision Sciences Journal*, vol. 29, no. 4, 1998, 921-949.

- Kelly, C.M., Mosier, C.T., and Mahmoodi, F., "An Analysis of Maintenance Policies in a Group Technology Environment," *International Journal of Production Research*, vol. 35, no. 3, 1997, 767-787.
- Mahmoodi, F., and Martin, G.E., "A New Shop Based and Predictive Group Scheduling Heuristic for Cellular Manufacturing," *International Journal of Production Research*, vol. 35, no.2, 1997, 313-326.
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- Mosier, C.T., and Mahmoodi, F., "Simultaneous Identification of Group Technology Machine Cells and Part Families Using a Multiple Solution Framework," *International Journal of Computer Integrated Manufacturing*, vol. 9, no. 5, 1996, 402-416.
- Mahmoodi, F., Mosier, C.T., and Guerin, R.E., "The Effect of Combining Simple Priority Heuristics in Flow-Dominant Shops," *International Journal of Production Research*, vol. 34, no. 3, 1996, 819-839.
- Ross, E.A., Mahmoodi, F., and Mosier, C.T., "Tandem Configuration Automated Guided Vehicle Systems: A Comparative Study," *Decision Sciences Journal*, vol. 27, no. 1, 1996, 81-102.
- Mahmoodi, F., "Quality Management Based on ISO 9000 International Standards," *Research and Engineering* (in Farsi language), vol. 3, no. 21, 1995, 19-25.
- Mahmoodi, F., and Martin, G.E., "Optimal Supplier Delivery Scheduling to JIT Buyers," *The Logistics and Transportation Review*, vol. 30, no. 4, 1994, 353-361.
- Starr, P.J., and Mahmoodi, F., "Development and Teaching a Computer-Assisted Course in Production Planning," *International Journal of Production Planning and Control*, vol. 5, no. 2, 1994, 199-205.
- Wirth, G., Mahmoodi, F., and Mosier, C.T., "An Investigation of Group Scheduling Heuristics in a Dual-Constrained Manufacturing Cell," *Decision Sciences Journal*, vol. 24, no. 4, 1993, 761-788.
- Ruben, R.A., Mosier, C.T., and Mahmoodi, F., "A Comprehensive Analysis of Group Scheduling Heuristics in a Job Shop Cell," *International Journal of Production Research*, vol. 31, no. 6, 1993, 1343-1369.
- Mahmoodi, F., and Dooley, K.J., "Group Scheduling and Order Releasing: Review and Foundations for Research," *International Journal of Production Planning and Control*, vol. 3, no. 1, 1992, 70-80.
- Mahmoodi, F., Tierney, E.J., and Mosier, C.T., "Dynamic Group Scheduling in a Flow-Through Cell Environment," *Decision Sciences Journal*, vol. 23, no. 1, 1992, 61-85.
- Dooley, K.J., and Mahmoodi, F., "Identification of Robust Scheduling Heuristics: Application of Taguchi Methods in Simulation Studies," *Computers and Industrial Engineering*, vol. 22,

no. 4, 1992, 359-368.

Mahmoodi, F., and Dooley, K.J., "A Comparison of Exhaustive and Non-exhaustive Group Scheduling Heuristics in a Manufacturing Cell," *International Journal of Production Research*, vol. 29, no. 9, 1991, 1923-1939.

Mahmoodi, F., Dooley, K.J., and Starr, P.J., "An Evaluation of Order Releasing and Due Date Assignment Heuristics in Cellular Manufacturing," *Journal of Operations Management*, vol. 9, no. 4, 1990, 548-573.

Mahmoodi, F., Dooley, K.J., and Starr, P.J., "An Investigation of Dynamic Group Scheduling Heuristics in a Job Shop Manufacturing Cell," *International Journal of Production Research*, vol. 28, no. 9, 1990, 1695-1711.

REFEREED BOOK CHAPTER PUBLICATIONS

Losbichler, H., and Mahmoodi, F., "Linking Supply Chain Management to Financial Performance," *Global Logistics – New Directions in Supply Chain Management*, 8th Edition, edited by E. Sweeney and D. Waters, KoganPage Ltd., 2021, 14-35.

Losbichler, H., and Mahmoodi, F., "Linking Supply Chain Management to Shareholder Value," *Global Logistics – New Directions in Supply Chain Management*, 7th Edition, edited by S. Rinsler and D. Waters, KoganPage Ltd., 2014, 138-156.

Losbichler, H., and Mahmoodi, F., "Creating Shareholder Value Through Supply Chain Management," *Global Logistics – New Directions in Supply Chain Management*, 6th Edition, edited by D. Waters, KoganPage Ltd., 2010, 143-163.

Losbichler, H., and Mahmoodi, F., "Metrics for Measuring Supply Chain Performance," *The Handbook of Technology Management*, edited by H. Bidgoli, John Wiley & Sons, Inc., 2009, 194-205.

Mahmoodi, F., Mosier, C.T., and Burroughs, A.T., "Framework for Cellular Manufacturing Evaluation Process Using Analytical and Simulation Techniques," *Handbook of Cellular Manufacturing Systems*, edited by S. Irani, John Wiley & Sons, Inc., 1999, 179-194.

Ruben, R.A., and Mahmoodi, F., "Scheduling Cellular Manufacturing Systems," *Handbook of Cellular Manufacturing Systems*, edited by S. Irani, John Wiley & Sons, Inc., 1999, 141-154.

Mahmoodi, F., and Mosier, C.T., "Scheduling Rules for Cellular Manufacturing," *Group Technology / Cellular Manufacturing: A State-of-the-Art Synthesis of Research and Practice*, edited by N.C. Suresh, and J.M. Kay, Kluwer Academic Publishers, 1998, 321-338.

Mosier, C.T., and Mahmoodi, F., "Design Quality: The Untapped Potential of Group Technology," *Planning, Design, and Analysis of Cellular Manufacturing Systems*, edited by A.K.

Kamrani, H.R. Parsaei, and D.H. Liles, Elsevier Science B.V., 1995, 63-71.

REFEREED PROCEEDINGS

Shafiq, A., Ahmed, M.U., and Mahmoodi, F., "Justice & Transparency: Improving Supplier Social Performance," *Proceeding of Decision Sciences Institute National Conference*, Chicago, IL, 2018.

Ahmed, M.U., Shafiq, A., and Mahmoodi, F., "The Relational Implications of Supply Chain Analytics Capability," *Proceeding of Decision Sciences Institute National Conference*, Washington D.C., 2017.

Ahmed, M.U., and Mahmoodi, F., "The Role of Cost Pressure and Fairness on Supplier Innovation Sharing in Buyer-Supplier Relationships," *Proceedings of Decision Sciences Institute National Conference*, Austin, TX, 2016.

Ruiz-Torres, A.J., Mahmoodi, F., Zeng, A., and Nieves-Rodriguez, E., "Dynamic Intelligent System for Sourcing Contingency Planning Considering Supplier Failures," *Proceedings of the International Conference on Intelligent Systems and Informatics*, Bandung, Indonesia, 2012.

Mahapatra, S., Yu, D., and Mahmoodi, F., "Impact of Push, Pull, and Push/Pull Operations Strategies on the Performance of a Multi-Stage Supply Chain," *Proceedings of Decision Sciences Institute National Meeting*, Baltimore, MD, 2008.

Ruiz-Torres, A.J., and Mahmoodi, F., "Performance Evaluation of Multi-Cell Production Systems," *Proceedings of Decision Sciences Institute National Meeting*, Boston, MA, 2004, 2631-2636.

Mahmoodi, F., "Design and Delivery of an Interdisciplinary Executive Program," *Proceedings of Decision Sciences Institute National Meeting*, Washington D.C., 2003.

Mahmoodi, F., and Hosack, B., "Deadlock Avoidance in Flexible Manufacturing Systems," *Proceedings of Decision Sciences Institute National Meeting*, San Diego, CA, 2002.

Mahmoodi, F., Ruben, R.A., Salcedo, E., and Montabon, F., "ISO 9000, Business Performance and the Use of Quality Management Tools: An Empirical Study," *Proceedings of Decision Sciences Institute National Meeting*, San Francisco, CA, 2001, 1278.

Ritchey, J.R., Mahmoodi, F., Frascatore, M.R., and Zander A.K., "A Framework to Assess the Technical and Economic Feasibility of Remanufacturing," *Proceedings of Operations & Production Management Society Conference*, Orlando, FL, 2001, 1-8.

Mosier, C.T., Hosack, B., and Mahmoodi, F., "Deadlock Avoidance as an Order Review/Release Mechanism in a FMS," *Proceedings of National Decision Sciences Institute*, Orlando, FL, 2000, 1109-1111.

Mosier, C.T., and Mahmoodi, F., "Analysis of Scheduling Policies in a Dual-Constrained

- Automated Manufacturing Cell," *Proceedings of Group Technology/Cellular Manufacturing World Symposium*, San Juan, Puerto Rico, 2000, 113-118.
- Blair, B., and Mahmoodi, F., "A Strategic Framework for Implementing ISO 9000," *Proceedings of National Decision Sciences Institute*, New Orleans, LA, 1999, 1405.
- Lockwood, W.T., Mahmoodi, F., Mosier, C.T., and Ruben, R.A., "Scheduling Production in an Unbalanced Manufacturing Cell," *Proceedings of Decision Sciences Institute's 5th International Conference*, Athens, Greece, 1999, 1650-1652.
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- Ruben, R.A., and Mahmoodi, F., "Predicting Flow Times in Bottleneck Constrained Production Systems with Lot-Splitting," *Proceedings of National Decision Sciences Institute*, San Diego, CA, 1997, 3.
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- Starr, P.J., and Mahmoodi, F., "Teaching the Integrated Aspect of Integrated Manufacturing Systems," *Proceedings of IBM Academic Information Systems University Conference*, Boston, MA, 1987, 311-324.

PUBLISHED ABSTRACTS

- Yu, D., Mahmoodi, F., and Ruiz-Torres, A., "A Supplier Selection and Capacity Allocation Model with Supply Disruption Risk," *Production and Operations Management Society National Meeting*, Seattle, WA, 2017.

- Mahapatra, S., Yu, D., and Mahmoodi, F., "Performance of Push, Pull, and Push/Pull Policies under Demand and Lead Time Uncertainty in a Multi-Stage Supply Chain," *Production and Operations Management Society National Meeting*, Vancouver, Canada, 2010.
- Ruiz-Torres, A., and Mahmoodi, F., "Outsourcing Decision Considering Production Failure and Operating Costs," *Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting*, Seattle, WA, 2007.
- Graves, S.K., Graham, M.E., and Mahmoodi, F., "The Important Role of Change Management in Environmental Management System Implementation," *Academy of Management Annual Meeting*, Philadelphia, PA, 2007.
- Ruiz-Torres, A., and Mahmoodi, F., "The Optimal Number of Suppliers Considering the Costs of Individual Supplier Failure," *Production and Operations Management Society National Meeting*, Boston, MA, 2006.
- Frascatore, M., and Mahmoodi, F., "Optimal Contracts in a Collaborative Supply Chain," *Production and Operations Management Society National Meeting*, Cancun, Mexico, 2004.
- Mahmoodi, F., and Ruiz-Torres, A., "Analysis of Dual-Resource Constrained Multi-Cell System Configurations," *Production and Operations Management Society National Meeting*, Savannah, GA, 2003.
- Mosier, C.T., and Mahmoodi, F., "A Simulation Study of Virtual Cells in Circuit Board Assembly," *Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting*, Cincinnati, 1999.
- Lockwood, W.T., Mahmoodi, F., Ruben, R.A., and Mosier, C.T., "Lot Splitting in a Bottlenecked Manufacturing Cell," *Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting*, Montreal, Canada, 1998.
- Ruben, R.A., and Mahmoodi, F., "Lot Splitting in Bottleneck Constrained Production Systems," *Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting*, San Diego, CA, 1997.
- Mosier, C.T., and Mahmoodi, F., "Analysis of Scheduling Policies in a Limited Labor Constrained Manufacturing Cell," *Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting*, Washington, D.C., 1995.
- Mosier, C.T., and Mahmoodi, F., "Simultaneous Identification of Group Technology Machine Cells and Part Families Using a Multiple Solution Framework," *Production and Operations Management Society National Meeting*, Boston, MA, 1993.
- Mahmoodi, F., Wirth, G., and Mosier, C.T., "An Investigation of Group Scheduling Heuristics in a Dual-Constrained Manufacturing Cell," *Production and Operations Management Society National Meeting*, Orlando, FL, 1992.
- Mahmoodi, F., Ruben, R.A., and Mosier, C.T., "Analysis of Group Scheduling Heuristics in a Job Shop Cell," *TIMS/ORSA Joint National Meeting*, Orlando, FL, 1992.

Mahmoodi, F., and Dooley, K.J., "An Evaluation of Order Releasing and Due Date Assignment Heuristics in a Manufacturing Cell," *TIMS/ORSA Joint National Meeting*, Nashville, TN, 1991.

Tierney, E.J., and Mahmoodi, F., "A Comparative Analysis of Group Scheduling Heuristics in a Flow-Through Cell," *Production and Operations Management Society National Meeting*, Washington D.C., 1990.

Mahmoodi, F., and Dooley, K.J., "Application of Taguchi Methods and Strategies in Job Shop Scheduling," *TIMS/ORSA Joint National Meeting*, Las Vegas, NV, 1990.

Mahmoodi, F., and Dooley, K.J., "A Comparison of Group Scheduling Heuristics in a Job Shop Cell," *TIMS/ORSA Joint National Meeting*, Vancouver, Canada, 1989.

INVITED PRESENTATIONS

"Supply Chain Disruptions: Lessons from the COVID-19 Pandemic", Presented at the Clarkson University webinar to university alums, Nov. 12, 2020.

"Managing Inventories in the Supply Chain & Its Impact on Working Capital", Presented at the International Teaching Days, University of Applied Sciences Upper Austria, Steyr, Austria, May 2016.

"Linking Supply Chain Initiatives to Firm's Financial Performance", Presented at the APICS Rochester, NY Chapter's "Top Management Night", October 2014.

"Emerging Trends in Strategic Supply Chain Management", Presented at Beacon Institute / Council of Industry, Beacon, New York, June 2013.

"World-Class Supply Chain Management Seminar", Presented at Stanley Black & Decker Leadership Program, New Britain, Connecticut, May 2013; also presented online to Asian participants, June 2013.

"Global Sourcing and Supply Chain Integration", Presented at Young President's Organization Development Day, Ottawa, Ontario, Canada, June 2012.

"Global Supply Chain Management in Bio-Pharmaceutical Industry", Presented at Human Genome Sciences, Inc., Rockville, Maryland, May / June 2011.

"Global Supply Chain Management Seminar", Presented at Stanley Black&Decker Leadership Program, New Britain, Connecticut, October 2010.

"World Class Supply Chain Management", Presented at General Dynamics Armament & Technical Products, Inc., Burlington, Vermont, April 2010.

"Linking the Development Chain and the Supply Chain", Presented at Corning Inc., Corning, New York, September 2008.

- "Total Supply Chain Management Costs" Presented at Xerox Corporation, Webster, New York, March 2007.
- "Data-Driven Decision Making" Presented at Canton-Potsdam Hospital Leadership Development Institute, Potsdam, New York, November 2005.
- "New Trends in Supply Chain Management" Presented at Texas A&M Supply Chain Systems Laboratory Consortium Meeting, College Station, Texas, April 2005.
- "Impact of Worker Flexibility and Product Mix Variability on Different Cellular Manufacturing Shops" Presented at Steyr University of Applied Sciences, Steyr, Austria, April 2003.
- "Analysis of Dual-Resource Constrained Multi-Cell System Configurations in the Presence of Resource Flexibility and Product Mix Variability" Presented at CONAIR Conference, San Juan, Puerto Rico, April 2003.
- "Academic Programs in Supply Chain Management," Presented at Northeast Decision Sciences Institute Conference, Providence, RI, March 2003.
- "Supply Chain Management: Your Value-Add, " Presented at National Industrial Belting Association National Convention, Nashville, TN, September 2002.
- "Supply Chain Management and the Bullwhip Effect," Presented at Clarkson University Chemical Engineering Graduate Seminar, Potsdam, NY, February 2002.
- "Assessing the Economic Viability of Remanufacturing," Presented at Clarkson University Symposium on Sustainability, Potsdam, NY, June 2001.
- "A Study of CAMP's Impact and Customer Satisfaction," Presented at the Clarkson University's Center for Advanced Materials Processing (CAMP) Technical Meeting, Lake Placid, NY, May 1996.
- "Concept of Variation," Presented at the Seaway Valley Subsection of the American Society for Quality (ASQ), Potsdam, NY, November 1995.
- "New Trends in Quality Management," Presented at the Industrial Management Institute, Tehran, Iran, August 1994.
- "Quality Management Using the ISO 9000 Quality Standards," Presented at the National Iranian Industries Organization, Tehran, Iran, August 1994.
- "Manufacturing Competitiveness Through Computer Based Tools," Presented at the induction ceremonies of the Sigma Tau Iota Honorary Society, Potsdam, NY, March 1994.
- "The Application of Semiconductor Manufacturing Simulation Research to the Classroom Environment," Presented at the Teacher/Scholar: The Interaction of Teaching and Research Conference, sponsored by the Associated Colleges of the St. Lawrence Valley, Potsdam, NY, November 1993.

"Cell Design and Evaluation," Presented to the Computer Integrated Manufacturing (CIM) Consortium, Productivity Center, University of Minnesota, Minneapolis, MN, September 1988.

WORK IN PROGRESS

"Suppliers Reservation Capacity and Returner Incentives Decisions in a Closed-Loop Supply Chain under Multiple Scenarios".

"Supply Chain Disruptions in the Healthcare System: Lessons from the COVID-19 Pandemic".

"Integration of Data Envelopment Analysis with Decision Maker Preference for Supplier Selection".

THESIS ADVISING & THESIS COMMITTEE ACTIVITY

Graves, S., M.S., (2006), *Environmental Management Systems and the Perceived Environmental performance of Firms: The Important Role of Change Management*, Environmental Manufacturing Management, School of Business.

Ritchey, J.R., (2001), *A Framework to Assess The Economic Viability of Remanufacturing*, M.S., Environmental Manufacturing Management, School of Business (Committee Chair).

Lockwood, W.T., (1998), *Lot Splitting in a Bottlenecked Manufacturing Cell*, M.S., Management Systems, School of Business (Committee Chair).

Kelly, C., (1995), *An Analysis of Maintenance Policies in a Cellular Manufacturing Environment*, M.S., Management Systems, School of Business.

Willett, S.R., (1995), *Engineering Growth: A Systems View of Organization, Market, and Employee*, M.S., Management Systems, School of Business.

Nallani, M., (1994), *Analysis of Group Scheduling Heuristics in a Dual-Constrained Manufacturing Cell*, M.S., Management Systems, School of Business (Committee Chair).

Morgan, J., (1994), *An Investigation of Scheduling Schemes in a Random Flexible Manufacturing System*, M.S., Management Systems, School of Business (Committee Chair).

Ross, E., (1994), *Tandem Configuration Automated Guided Vehicle Systems: A Comparative Study*, M.S., Management Systems, School of Business (Committee Chair).

- Gilbert, R.A., (1994), *Study of Performance Enhancement in Unbalanced Lines*, M.S., Management Systems, School of Business.
- Crosby, J., (1993), *An Analysis of the Interaction Between Order Review and Release Policies and Group Scheduling Heuristics*, M.S., Management Systems, School of Business.
- Pike, R., (1993), *The Bowl Phenomenon in Unpaced Lines*, M.S., Management Systems, School of Business.
- Guerin, R., (1992), *The Effects of Combining Simple Priority Heuristics in a Job Shop Environment*, M.S., Management Systems, School of Business (Committee Chair).
- Wirth, G., (1992), *Labor Allocation Strategies in a Dual Constrained Job Shop Cell*, M.S., Management Systems, School of Business (Committee Chair).
- Ruben, R.A., (1991), *Simulation Investigation of Group Scheduling Heuristics in a Job Shop Cell*, M.S., Management Systems, School of Business.
- Chadwick, J., (1991), *Mitigation of Bottleneck Effects Through Buffer Design in Unpaced Production Lines*, M.S., Management Systems, School of Business.
- Hallas, J., (1991), *Design and Control of Clean Room Material Handling System*, M.S., Management Systems, School of Business.
- Tierney, E., (1990), *Dynamic Group Scheduling Heuristics in a Flow-Through Cell Environment*, M.S., Management Systems, School of Business (Committee Chair).
- Patraw, R., (1990), *An Evaluation of the Efficiency of MRP as a Material Ordering System in a Government Defense Contracting Environment*, M.S., Management Systems, School of Business.
- Eichler, E., (1989), *Group Technology Analysis of Assembly Processes*, M.S., Management Systems, School of Business.

GRADUATE PROJECTS SUPERVISED

- Boniello, J., 2009, *Application of Strategic Sourcing to the Portfolio Management of Printed Circuit Boards at IBM*, Engineering and Global Operations Management.
- Kuhn, D., 2009, *Quality Improvement in Zirconia Slip Production Using Design of Experiments*, Engineering and Global Operations Management.
- Hewey, E., 2006, *Alcoa Business System: Anode Assembly Implementation*, Engineering and Global Operations Management.
- Dworaczyk, L., 2006, *Product Development for a New Printer*, M.S., Engineering and Global Operations Management.

- Raymond, D., 2006, *The Application of Lean Six Sigma Methodology to the Outsourcing of the Xerox Product Delivery Process*, Engineering and Global Operations Management.
- Roth, J., 2004, *Using Six Sigma Techniques to Reduce Curl Defects*, M.S., Engineering and Global Operations Management.
- VonHaven, C., 2003, *Maintaining Stability Through Business Downsizing: A Case Study of the GE Gas Turbines Maintenance Department*, M.S., Engineering and Global Operations Management.
- Blake, M., 2003, *Improving Machine Utilization Using Six Sigma Methodology*, M.S., Engineering and Global Operations Management.
- Tremblay, M., 2003, *Integration of Lean Production and Six Sigma Methodology*, M.S., Engineering and Global Operations Management.
- Simpson, R., 2002, *Application of Six Sigma to Product Development Critical Parameter Management*, M.S., Engineering and Manufacturing Management.
- Christman, K., 2002, *Operationalizing the Clean Air Act: Implementing Title V in the Production Environment*, M.S., Engineering and Manufacturing Management.
- Miller, D., 2002, *Case Study: Lean Manufacturing in Ortho-Clinical Diagnostics Equipment Manufacturing*, M.S., Engineering and Manufacturing Management.
- Barry, J., 2002, *Lean Manufacturing and the Implementation of Heijunka Level Load Planning at Eastman Kodak Professional Film Finishing*, M.S., Engineering and Manufacturing Management.
- Hosack, B., 2001, *A Comparison of Deadlock Avoidance Policies in Flexible Manufacturing Systems*, M.S., Management Systems, School of Business.
- Salcedo, E., 2001, *ISO 9000, Business Performance and the Use of Quality Management Tools: An Empirical Study*, M.S., Management Systems, School of Business.
- Champlin, T., 2000, *Operational Quality Applied in an Administrative Process*, M.S., Engineering and Manufacturing Management.
- Bulger, B., 2000, *The Strategic Role of Production-Purchasing in Extended Enterprise*, M.S., Engineering and Manufacturing Management.
- Watts, J., 2000, *Lean Manufacturing at Corning Incorporated*, M.S., Engineering and Manufacturing Management.
- Fetterman, V., 2000, *Implementing Statistical Quality Control at Lucent's Columbus Works*, M.S., Engineering and Manufacturing Management.
- Moreno, M., 2000, *Leading Change: A Case Study of the Eastern Product Distribution Center*.

M.S., Engineering and Manufacturing Management.

Capwell, D., 2000, *Why Are Companies Incorporating Product Data Management Into Their Business*, M.S., Engineering and Manufacturing Management.

Krohn, J., 1999, *Application of Reward, Recognition, and Discipline in a Union Environment*, M.S., Engineering and Manufacturing Management.

Kelly, H., 1999, *Aligning Supplier with Total Quality Management Initiatives: The Xerox Supplier Quality Assurance Model*, M.S., Engineering and Manufacturing Management.

Eberth, K., 1999, *Just-In-Time Production Systems*, M.S., Management Systems, School of Business.

Kelly, H., 1999, *Aligning Supplier with Total Quality Management Initiatives: The Xerox Supplier Quality Assurance Model*, M.S., Engineering and Manufacturing Management.

Ricci, A., 1998, *Solder Paste Screen Print Experiment*, M.S., Engineering and Manufacturing Management.

Lever, J., 1988, *Reduction of Fiber Breaks in Fiber Optic Cable Manufacture Using Quality Principles*, M.S., Engineering and Manufacturing Management.

Maxfield, D., 1998, *Technology Transfer Through Applied Experimental Design*, M.S., Engineering and Manufacturing Management.

Williams, R., 1998, *Optimization of Wire Adhesion and Water Penetration in Lucent Technologies' LXE Design Fiber Optic Cable*, M.S., Engineering and Manufacturing Management.

Willnow, A., 1998, *Implementing a Supervisory Control and Data Acquisition System in a Photoreceptor Manufacturing Plant*, M.S., Engineering and Manufacturing Management.

Winterberger, C., 1997, *Quality Improvement Through Characterization and Control of the Assembly Process*, M.S., Engineering and Manufacturing Management.

Moskal, D., 1997, *Using ISO 9002 Standards to Help Implement a Cost of Quality Program*, M.S., Engineering and Manufacturing Management.

Pierce, D., 1997, *Application Packages: Making the Build Vs. Buy Decision*, M.S., Engineering and Manufacturing Management.

Blair, B., 1997, *A Strategic Planning Model to Implement ISO 9000*, M.S., Engineering and Manufacturing Management.

Eckstrom, L., 1996, *Reengineering: The Transformation of a Lab at Xerox*, M.S., Engineering and Manufacturing Management.

Bennett, B., 1996, *Inpatient Customer Satisfaction at Hepburn Medical Center: Creation*

and Testing of a Questionnaire, M.S., Engineering and Manufacturing Management.

Burroughs, A., 1996, *Evaluation of Manufacturing Cells*, M.S., Engineering and Manufacturing Management.

Ensbly, M., 1996, *Beginning the Strategic Planning Process with a Small Technical Services and Engineering Firm*, M.S., Engineering and Manufacturing Management.

Lampl, B., 1996, *Implementing ISO9001 at Mitel Inc.*, M.S., Engineering and Manufacturing Management.

Marsh, S., 1996, *Implementing Statistical Process Control at Mitel, Inc.*, M.S., Engineering and Manufacturing Management.

Sheets, T., 1995, *A. Barton Hepburn Hospital: Quality Teams and Data*, M.S., Management Systems.

Benedetto, T., 1995, *Product and Process Improvement at Eastman Kodak Company Using the Six Sigma Methodology*, M.S., Engineering and Manufacturing Management.

Lankton-Weisshaar, L., 1995, *Total Quality: Corporate America's Answer*, M.S., Engineering and Manufacturing Management.

Moore, J., 1995, *Student-Centered Services Implementation Team Computing Survey*, M.S., Management Systems.

Osika, J., 1994, *Measuring and Monitoring the Mainframe Customer Satisfaction Process*, M.S., Engineering and Manufacturing Management.

Ceglinski, B., 1994, *Cause and Analysis of TQM Failures and Potential Solutions*, M.S., Engineering and Manufacturing Management.

Belknap, R., 1993, *An ISO9000 Overview*, M.S., Engineering and Manufacturing Management.

Cole, K., 1993, *Total Quality Control in the Surface Mount Reflow Process at AT&T Little Rock Operations Center*, M.S., Engineering and Manufacturing Management.

EXTERNAL FUNDING

"Aligning the Supply Chain Through Contracting and Achieving Flexibility to Cope with Supply Chain Risk in the Aerospace Industry," \$45,100, U.S. Air Force (Prime), Connecticut Center for Advanced Technology (Contractor), (with M. Frascatore), 2009.

"Lean Supply Chain Simulation," \$10,000 (simulation games), WPI/NSF, (with R. Janaro, and S. Mahapatra), 2008.

"Global Supply Chain Management Program – Center for Global Competitiveness," \$250,000, Eastman Kodak Corporation, 2000-2006.

- "*Integrating Quality Principles in the Tech Prep Business Educational Partnership Program*," \$2,150, The American Society for Quality (ASQ) Seaway Valley Subsection, (with M. Ensby), 2000.
- "*Integrating Certified Quality Manager (CQM) Body of Knowledge Across Business School's Introductory Core Sequence*," \$20,000, The Biomedical Division of American Society for Quality-ASQ, (with M. Ensby), 1999.
- "*Environmental Manufacturing Management*," \$1,949,200, National Science Foundation, Integrative Graduate Education and Research Training (IGERT) Program, (with T. Theis-PI, R. Baltus, M. Bommer, A. Busnaina, G. Campbell, S. Grimberg, P. Hopke, W. Karis, R. Mackay, F. Menz, S. Powers, A. Rossner, W. Vitek, T. Young, A. Zanders), 1998.
- "*Research in Theory and Application of Neural Computing*," \$99,000 (in software), Aspen Technology University Grant Program, (with J. Davis, J. MacDonald, C. Mosier, C. Tamon, D. Penumadu), 1998.
- "*Teaching Theory and Applications of Neural Computing*," \$25,000 (in software), Aspen Technology University Grant Program, (with J. Davis, J. MacDonald, C. Mosier, C. Tamon, D. Penumadu), 1998.
- "*Integrating Quality Management Principles and Concepts Across the Business School's Experiential Curriculum*," \$15,000, The Biomedical Division of American Society for Quality (ASQ), 1995.
- "*A Program of Collaboration with Canadian Partners in the Application of Animated Computer Simulation Technologies to Manufacturing*," \$1,500, funded by Center for Canadian-U.S. Business Studies (with C. Mosier), 1993.

CONSULTING & BUSINESS EXPERIENCE

- Momentive Performance Materials, Inc., Waterford, NY, Improving Forecast Accuracy by Utilizing the Sales & Operations Planning (S&OP) Process (7/19-9/19).
- ASSA ABLOY Americas, New Haven, CT, Supply Chain Excellence Seminar Development and Consulting (Customized executive seminars delivered at: Berlin, CT- October 2014; Phoenix, AZ- June 2015; New Haven, CT- November 2015; Charlotte, NC- November 2016).
- Stanley Black & Decker, New Britain, CT, Reviewed the Global Supply Management Excellence Program and provided recommendations for improvement (10/13-12/13).
- AERCO International Inc., Blauvelt, NY, Reviewed the procurement and sourcing practices and provided recommendations for improvement (10/13-11/13).
- Human Genome Sciences, Inc., Rockville, MD, Supply Chain Management Executive Development and Consulting (10/10- 6/11).

Corning Inc., Corning, NY, Supply Chain Management Consulting. Design and implementation of a supply chain system for a new laser-based optic project for the consumer market. Work completed included supply chain design, optimizing supply chain analysis, linking the development chain and the supply chain, and implementations planning (9/06-12/09).

Hand Held Products, Inc. (Division of Honeywell International), Skaneateles Fall, NY, Supply Chain Management Executive Development and Consulting. Re-designing the supply chain for an existing product line as well as developing supply chains for two new product lines (10/07-11/07).

Lutron Electronics Co., Inc. Coopersburg, PA, Supply Chain Management Consulting. Conducting a large scale project in the areas of product segmentation and supply chain improvements (9/06-1/07).

Xerox Corporation, Webster, NY, Supply Chain Management Consulting. Conducting a large consulting project in the area of multi-echelon inventory management in manufacturing and distribution of consumables products (4/05-8/05).

Wyeth Pharmaceuticals, Rouses Point, NY, Supply Chain Management Corporate Trainer. Conducted corporate training sessions on supply chain management and quality management related topics to senior executives, managers, engineers, and supervisors. Also, consulted with the management to improve the efficiency of the New Premarin process (1/04-10/05).

Microwave Filter Company, Inc., East Syracuse, NY, Quality Management Consultant and Trainer. Provided consulting and training services on quality management related topics to senior executives, managers, engineers, and supervisors (1/98-4/98).

Internet Consulting Group (ICG), School of Business, Clarkson University, Potsdam, NY, Quality Management Consultant. Trained members of ICG in quality management tools and developed an effective organizational structure for ICG. This work was supported by a FIPSE grant (9/97-6/98).

Center for Advanced Materials Processing (CAMP), Clarkson University, Potsdam, NY, Consultant. Developed a quality system and a survey instrument to obtain ongoing feedback from various industrial customers concerning CAMP's economic impact and customer satisfaction (10/95-6/96).

Industrial & Engineering Inspection Company, The Hague, Netherlands, Freelance Quality Control Auditor. Conducted quality control audits on a variety of industrial and consumer products at more than 60 American and Canadian companies to ensure high quality standards are met before being exported overseas (1/91-6/95).

American Computer Assembly (CompAS) Inc., Ogdensburg, NY, and Brockville, Ontario, Canada, Management Consultant and Trainer. Conducted seminars and training classes on total quality management and statistical quality control for managers, engineers, and line workers (3/92-6/92).

- Penski, Inc.'s Training and Consulting Services, Potsdam, NY, Management Consultant and Trainer. Conducted seminars and training classes on total quality management and statistical quality control for managers and engineers in industry (1/92-3/92).
- St. Lawrence County Psychiatric Center, Ogdensburg, NY, Management Consultant. Designed distribution and inventory systems for housekeeping supplies and the facility's laundry operation. Also, consulted with the Psychiatric Center board regarding personnel problems and conducted team building sessions with staff (8/89-12/89).
- E.L. Barnett & Co., Minneapolis, MN, Management Consultant. Consulted with a variety of manufacturing companies on topics such as design and evaluation of cellular manufacturing, application of simulation to industrial problems, productivity improvement programs, labor standards, cost analysis, and capital investment economical justification (4/84-9/84).
- Powers Dry Goods Co., Minneapolis, MN, Assistant to Vice President of Operations. Assisted the Vice President of Operations on materials handling, cost analysis, inventory control and information system projects (6/83-4/84).

PROFESSIONAL ACTIVITIES

- Editorial Board Member, *International Journal of Integrated Supply Management*, June 2002-present.
- Editorial Board Member, *International Journal of Industrial Engineering*, June 2000-present.
- Co-Chair of the Manufacturing Operations Track, 25th Annual Production & Operations Management Society (POMS) Conference, Atlanta, GA, May 2014.
- Co-Chair of the Manufacturing Operations Track, 24th Annual Production & Operations Management Society (POMS) Conference, Denver, CO, May 2013.
- Scientific Board Member, *1st International Conference on Value Chain Management*, Upper Austria University of Applied Sciences, Steyr, Austria, May 2011.
- Editorial Board Member, *International Journal of Production Research*, January 2002-December 2007.
- Guest Associate Editor, *Journal of Operations Management* Special Issue on Simulation Modeling.
- Co-editor, *IEEE Engineering Management Review*, Special Issue on Beyond TQM, vol. 26, no. 3, Fall 1998.
- Guest Co-editor, *IEEE Engineering Management Review*, Special Issue on Quality Management, vol. 24, no. 1, Spring 1996.
- External Reviewer for Industrial Management Master's Program at Texas A&M University- Kingsville, Spring 2021.
- External Reviewer for Tenure, Illinois Institute of Technology, October 2015.
- External Reviewer for Promotion to Full Professor, Indiana University at South Bend, August 2014.
- External Reviewer for Tenure, The University of Texas at El Paso, September 2013.
- External Reviewer for Promotion to Full Professor, WPI, December 2010.
- External Reviewer for Promotion to Senior Professor Status, Long Island University,

January 2008.
 External Reviewer for Tenure, The University of Texas at El Paso, September 2007.
 External Reviewer for Promotion to Full Professor, Indiana University South Bend, August 2006 and August 2007.
 External Reviewer for Promotion to Full Professor, Utah State University, November 2004.
 External Reviewer for Tenure, North Dakota State University, October 2003.
 External Reviewer for Promotion to Full Professor, University of Nevada at Las Vegas (UNLV), September 2002.
 External Reviewer for Tenure and Promotion, Utah State University, November 2000.
 Reviewer, *National Science Foundation, Decision, Risk & Management Science Program*.
 Reviewer, *National Science Foundation, Transformation to Quality Organizations Program*.
 Reviewer, *International Journal of Production Research*.
 Reviewer, *Journal of Operations Management*.
 Reviewer, *Production and Operations Management Journal*.
 Reviewer, *Decision Sciences Journal*.
 Reviewer, *European Journal of Operational Research*.
 Reviewer, *International Journal of Production Economics*.
 Reviewer, *Naval Research Logistics*.
 Reviewer, *Journal of Computers & Industrial Engineering*.
 Reviewer, *International Journal of Production Planning & Control*.
 Reviewer, *International Journal of Operations and Quantitative Management*.
 Reviewer, *International Journal of Flexible Manufacturing System*.
 Reviewer, *Journal of Cost Analysis*.
 Reviewer, *International Journal of Applied Decision Sciences*.
 Reviewer, *Planning, Design, and Analysis of Cellular Manufacturing Systems*, edited by Parsaei, Kamrani, and Liles, Elsevier Science (Amsterdam Publishing Division, The Netherlands).
 Reviewer, *Encyclopedia of Information Systems*, edited by Hossein Bidgoli, Academic Press (San Diego, CA).
 Reviewer, Tenure & promotion review file, Industrial Engineering Division, Mechanical Engineering Department, University of Minnesota.
 Reviewer, Promotion review file, Department of Management, Worcester Polytechnic Institute.
 Reviewer, 1995 Production and Operations Management Society Best Doctoral Dissertation Competition.
 Reviewer, 1991 Decision Sciences Institute Ph.D. Dissertation Competition.
 Reviewer, *IEEE Engineering Management Review's "Great Books"* (1998).
 Reviewer, *ASQ's Quality Management Division Academic Excellence Scholarship* (1998).
 Reviewer, National and Northeast Decision Sciences Institute Meetings (P/OM: Manufacturing, and Quality and Productivity Tracks).
 Book Reviewer, McGraw-Hill, Inc., Chicago, Illinois.
 Book Reviewer, PWS-Kent Publishing Co., Boston, Massachusetts.
 Book Reviewer, The Dryden Press, Fort Worth, Texas.
 Book Reviewer, West Educational Publishing, Austin, Texas.
 Book Reviewer, Richard D. Irwin, Burr Ridge, Illinois.
 Book Reviewer, South-Western, Mason, Ohio.
 Faculty Advisor, Student Chapter of APICS at Clarkson University.
 Campus Representative, Decision Sciences Institute.

Session Chair, National and Northeast Decision Sciences Institute Meetings (P/OM: Manufacturing, and Quality and Productivity Tracks).

Session Chair, The Institute for Operations Research and the Management Sciences National Conference.

Discussant, National and Northeast Decision Sciences Institute Meetings (P/OM: Manufacturing, and Quality and Productivity Tracks).

Member, Beta Gamma Sigma, The Honor Society for Collegiate Schools of Business, Clarkson University Chapter (Inducted on May 4, 1999).

Member, Decision Sciences Institute (DSI).

Member, The Institute of Operations Research and the Management Sciences (INFORMS).

Member, Council of Supply Chain Management Professionals (CSCMP)

Member, American Society for Quality (ASQ).

Member, Production and Operations Management Society (POMS).

Member, Institute of Industrial Engineers (IIE).

Member, The Association for Operations Management (APICS)

DESCRIPTION OF THE ADMINISTRATIVE ACTIVITIES

Director, Global Supply Chain Management Program, Clarkson University (7/2004-present). Responsibilities include: engaging in continuous curricular improvement of our nationally recognized global supply chain management program (*our undergraduate GSCM program has been ranked as a Top-20 program in the nation for 17 years by U.S. News & World Report*), establishing close working relationships with a variety of corporate leaders and government agencies to further enhance the reputation of the program, recruiting and mentoring junior faculty, engaging in a variety of activities to enhance the reputation of the undergraduate and graduate global supply chain management programs, develop and deliver on-campus and on-site executive education to a variety of leading companies, providing research grants in the supply chain management area to the School of Business faculty. Reporting to the Dean of School of Business.

Associate Dean for Graduate and Executive Business Programs, Clarkson University (7/2005-12/2007). Responsibilities include: supervising the professional staff for the MBA program, as well as the Engineering & Global Operations Management (EGOM) graduate program for working professionals, developing and delivering Global Supply Chain Management Executive Seminars, conducting a variety of academic affairs (e.g., chairing the MBA and EGOM faculty committees, verifying graduation requirements, issuing dean's exceptions, reviewing all applications to the graduate programs), coordinating and redesigning graduate curricula, overseeing the recruiting and admissions efforts for the graduate programs, and monitoring the graduate programs budgets. Reporting to the Dean of School of Business.

Director, Center for Global Competitiveness, Clarkson University (7/00-6/04). Responsibilities include: establishing a center of excellence for the scholarly and practical investigation into interdisciplinary engineering and business problems and opportunities in a global context, supervising and coordinating the activities of the four major elements of the Center, i.e., the Global Supply Chain Management (GSCM) program, the Interdisciplinary Engineering & Management (IE&M) undergraduate program, the Engineering & Global Operations Management (EGOM) graduate program for working professionals, and the Center for Canadian-U.S. Business Studies program, working

closely with faculty to develop the GSCM curricula for a variety of undergraduate, graduate and executive, representing the center in a variety of public forums to discuss the center's mission, goals and objectives, establishing effective working relationships with other academic and administrative offices as well as outside agencies, supervising the professional, secretarial, graduate assistant, and student support staff. Reporting to the Dean of School of Business as well as an interdisciplinary administrative committee that includes Dean of Engineering and the Provost.

Director, Engineering and Global Operations Management Graduate Program for Working Professionals, Clarkson University (7/98-6/04). Responsibilities include: conducting a variety of academic affairs (e.g., student advising, verifying graduation requirements, student complaints, reviewing all applications to the program), coordinating curriculum efforts including the development of innovative web-based distance learning courses, developing and monitoring the program budget, staffing and scheduling program courses and activities, arranging for speakers, workshops and plant tours, traveling extensively to a variety of corporations to recruit students, developing promotional materials for the program, and participating in a variety of conferences and workshops to promote the program. Reporting to the Dean of School of Business.

Director, Clarkson University Graduate Business Programs (7/98-6/99). Responsibilities included: supervising the graduate office staff, conducting a variety of academic affairs (e.g., chairing the MBA and MS committees, student advising, verifying graduation requirements, student complaints, dean's exceptions, reviewing all applications to the graduate programs), coordinating curriculum efforts for the MBA and MS programs, conducting graduate student orientations, overseeing the recruiting, admissions and the financial aide processes for the graduate programs, traveling extensively to a variety of universities, graduate fairs and forums, monitoring the graduate office budget, and supervising the activities of the graduate career services. Reporting to the Dean of School of Business.

Director, Clarkson University Undergraduate Business Programs (7/96-6/98). Responsibilities included: conducting a variety of academic affairs (e.g., student advising, verifying graduation requirements, transfer evaluations, dean's exceptions, process readmits and continuances, students complaints, off-campus permission form approvals, internal transfers), working closely with the faculty to schedule and staff all business courses, act as the primary School of Business liaison with several university administrative and academic offices (e.g., freshman and transfer admissions, career development center, student administrative services, university publications, Arete and Engineering & Management interdisciplinary academic programs, Higher Education Opportunity and Honors programs), meeting with prospective students and their families on campus, coordinating curriculum efforts, conducting student orientations, open houses and advising workshops. Reporting to the Dean of School of Business.

SERVICE & COMMITTEE ACTIVITIES

Member, Reh School Strategic Planning Committee's Engagement Subcommittee (9/20-9/12)

Member, Reh School Faculty Development Committee (7/20-present)

Member, Reh School 3rd-year Faculty Review Committee (Spring 2021)

Faculty Mentor, Reh School Faculty Mentor (2020-2021)
 Co-chair, Endowed Chair / Professorship in Entrepreneurial Leadership Search Committee (10/20-3/21)
 Member, Reh Graduate Policy Committee (8/18-12/18)
 Member, Supply Management Faculty Search Committee (8/17-5/18)
 Co-Chair, School of Business Strategic Planning Committee (9/13-5/16)
 Member, Admissions Committee, Master of Science in Engineering Management graduate program (9/13-5/16)
 Co-chair, Logistics Faculty Search Committee (9/13-5/14)
 Co-chair, Project Management Faculty Search Committee (9/13-5/14)
 Chair, University Promotions Committee (5/11-9/12)
 Member, University Promotions Committee (9/09-5/11)
 Member, Engineering & Global Operations Management Academic Advisory Committee (12/07-6/13)
 Member, School of Business Committee on Committee (7/07-6/13)
 Chair, Ad-Hoc Committee on Developing Master of Science Program in Supply Chain Management (10/12-5/13)
 Chair, Ad-Hoc Committee on Developing the Engineering & Management journal list (10/12-5/13)
 Chair, Engineering & Global Operations Management Search Committee (10/08-01/09)
 Member, Middle State Re-Accreditation Committee (9/05-5/08)
 Member, Chief Financial Officer Advisory Committee (1/08-5/09)
 Chair, School of Business Operations Management/Supply Chain Management Search Committee (9/05-5/07)
 Member, School of Business Executive Committee (7/05-12/07)
 Ex-officio, Graduate Policy Committee (7/05-12/07)
 Member, Clarkson University Administrative Council (7/05-12/07)
 Chair, Center for Global Competitiveness Academic Advisory Committee (7/00-6/04)
 Chair, Supply Chain Management and e-Commerce Curriculum Steering Committee (7/03-6/04)
 Chair, Clarkson University Communications Graduation Requirements Implementation Committee (1/00-1/01)
 Chair, Clarkson University Awards Committee (7/98-6/03)
 Co-chair, IS Integrated Business Core Committee (9/00-1/01)
 Member, School of Business Graduate Policy Committee (9/01-6/02)
 Member, School of Business Executive Committee (7/00-6/04)
 Chair, Engineering & Manufacturing Management Academic Advisory Committee (7/98-6/00)
 Member, School of Business Educational Partnership Recruiting Committee (9/00-12/00)
 Member, School of Business Research Committee (10/00-5/01)
 Member, School of Business Dean Search Committee (7/99-4/00)
 Chair, CUSB Work Load Committee (10/99-6/00)
 Member, School of Business, Global Supply Chain Management Committee (5/99-6/00)
 Member, School of Business, Accounting Recruiting/Program Committee (5/99-12/99)
 Member, School of Business, SAP Implementation Committee (7/99-6/00)
 Member, School of Business, Distance Learning Committee (1/99-6/99)
 Member, School of Business AACSB Committee (7/98-6/99)

Member, Clarkson University Academic Administrative Structure Review Committee (10/98-6/99)

Chair, School of Business MBA Committee (7/98-6/99)

Chair, School of Business MS Committee (7/98-6/99)

Member, School of Business Administrative Committee (7/96-6/97; 7/98-6/99)

Member, School of Business Executive Committee (7/96-6/99)

Member, Clarkson University Graduate, Research, and Intellectual Property Committee (7/98-6/99)

Member, Clarkson University Administrative Council (7/96-6/99)

Member, Clarkson University chapter of PINNACLE (non-traditional student's honorary society) Selection Committee (3/96-6/99)

Chair, School of Business Administrative Committee (8/97-8/98)

Member, Class Scheduling Advisory Committee (6/96-6/98)

Member, Clarkson University Minors Committee (8/96-6/98)

Chair, School of Business Undergraduate Curriculum Committee (3/97-8/97)

Member, Clarkson University VP of Academic Affairs Search Committee (10/96-4/97)

Member, Clarkson University Honors Program Committee (8/96-7/97)

Member, Clarkson University Freshman Year Experience Committee (7/96-6/97)

Member, MS in Manufacturing Systems Academic Advisory Committee (8/91-11/96)

Member, Clarkson University Ad-Hoc Research Focus Committee (12/95-10/96)

Member, Clarkson Quest Committee (5/96-6/97)

Member, Undergraduate Studies Transition Committee (5/96-8/96)

Member, Clarkson University Business Process Redesign Team (8/95-6/96)

Member, Ad-Hoc Committee to Evaluate Administrative Personnel (9/95-6/96)

Member, School of Business CAP Committee (9/95-6/96)

Member, School of Business Faculty Work Load Committee (9/95-6/96)

Member, Clarkson University Disciplinary Hearing Committee (8/93-9/95)

Member, Clarkson University Student Centered Services Implementation Team (5/94-6/95)

Member, Department of Management Recruiting Committee (9/93-6/94)

Member, Clarkson University Committee on Improvement of Teaching (8/90-8/93)

Member, Clarkson University Teaching Assistant Committee (8/91-8/92)

Member, Ad hoc Committee to Review MS Program Standard and Procedures (8/91-8/92)

References Available upon Request.