

JIAN YANG

Department of Management Science and Information Systems
1 Washington Park Room 1074
Business School, Rutgers University
Newark, NJ 07102
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Home Page: <https://sites.rutgers.edu/jian-yang>

EDUCATION

Doctor of Philosophy in Management Science, 2000
Department of Management Science and Information Systems, University of Texas, Austin, TX
Dissertation: A Priori Planning and Real-time Resource Allocation

Master of Science in Physics, 1996
Department of Physics, Texas A&M University, College Station, TX

Bachelor of Science in Physics, 1994
Department of Modern Physics, University of Science and Technology of China, P.R. China

ACADEMIC, GOVERNMENT, MILITARY AND PROFESSIONAL POSITIONS

Professor, Department of Management Science and Information Systems, Rutgers Business School: Newark and New Brunswick, Rutgers University, July 2018—present

Vice Chair, Department of Management Science and Information Systems, Rutgers Business School: Newark and New Brunswick, Rutgers University, July 2018—June 2020

Associate Professor, Department of Management Science and Information Systems, Rutgers Business School: Newark and New Brunswick, Rutgers University, September 2012—June 2018

Associate Professor, Department of Mechanical and Industrial Engineering (formerly Department of Industrial and Manufacturing Engineering), New Jersey Institute of Technology, July 2006—August 2012

Assistant Professor, Department of Industrial and Manufacturing Engineering, New Jersey Institute of Technology, September 2000—June 2006

COURSES TAUGHT

Undergraduate

IE439—Deterministic Topics in Operations Research
IE440—Stochastic Topics in Operations Research
IE459—Production Planning and Inventory Control
29:623:311—Production and Operations Management
33:623:386—Operations Management

29:623:340—Business Research Methods

Graduate

EM602—Management Science

IE623—Linear Programming

TRAN650—Urban Systems Engineering

IE650—Advanced Topics in Operations Research (with a focus on nonlinear programming)

IE704—Sequencing and Scheduling

IE706—A Queuing Approach to Performance Analysis

22:960:575—Data Analysis and Decision Making

26:711:563—Stochastic Calculus in Finance

26:711:564—Optimization Models in Finance

26:711:685—Special Topic in Management Science: Game Theory

26:711:685—Special Topic in Management Science: Fundamentals of Optimization

26:711:685—Special Topic in Management Science: Advanced Probability

26:711:685—Special Topic in Management Science: Dynamic Pricing and Revenue

Management

29:960:575—Introduction to Probability

22:960:775—DBA Course on Introduction to Probability and Applications

Capstone Projects—advisement of 11 MITA students

RESEARCH INTERESTS

Combinatorial Optimization; Production Planning; Stochastic Inventory Control; Supply Chain Management; Logistics; Revenue Management; Game-theoretic Applications

WORKING PAPERS

- 4) Yang, J. A Bayesian Nonatomic Game and Its Applicability to Finite-player Situations.
- 3) Katehaks, M.N., E. Teymourian, and J. Yang. Discrete-item Inventory Control involving Fixed Setup Costs, Demand Censoring, and Unknown Distribution.
- 2) Yang, J. Nonatomic Game with General Preferences over Returns.
- 1) Yang, J. Learning the Best Price and Ordering Policy under Fixed Costs and Ambiguous Demand.

JOURNAL PUBLICATIONS (PEER-REVIEWED)

- 45) Davoodi, M., M.N. Katehakis, and J. Yang. 2022. Dynamic Inventory Control with Fixed Setup Costs and Unknown Discrete Demand Distribution. *Operations Research*, forthcoming.
- 44) Yang, J. 2021. Analysis of Markovian Competitive Situations using Nonatomic Games. *Dynamic Games and Applications*, 11, pp. 184-216.
- 43) Yang, J. and J. Li. 2020. Cooperative Game with Nondeterministic Returns. *Journal of Mathematical Economics*, 88, pp. 123-140.
- 42) Katehakis, M.N., J. Yang, and T. Zhou. 2020. Dynamic Inventory and Price Controls Involving Discrete Nonperishable Items and Unknown Demand. *Operations Research*, 68, pp. 1335-1355.
- 41) Katehakis, M.N., Y. Liu, and J. Yang. 2019. A Revisit to the Markup Practice of Dynamic Pricing. *Annals of Operations Research*, forthcoming.
- 40) Xia, Y., J. Yang, and T. Zhou. 2019. Revenue Management under Randomly Evolving Economic Conditions. *Naval Research Logistics*, 66, pp. 73-89.
- 39) Yuan, Q., Y.F. Chen, J. Yang, and Y. Zhou. 2018. Joint Control of Emissions Permit Trading and Production Involving Fixed and Variable Transaction Costs. *Production and Operations Management*, 27, pp. 1420-1454.
- 38) Yang, J. 2018. Game-theoretic Modeling of Players' Ambiguities on External Factors. *Journal of Mathematical Economics*, 75, pp. 31-56.
- 37) Wang, Y., J. Yang, and L. Qi. 2017. A Game-theoretic Model for the Role of Reputation Feedback Systems in Peer-to-peer Commerce. *International Journal of Production Economics*, 191, pp. 178-193.
- 36) Yang, J. 2017. Monotone Trends in Inventory-price Control under Time-consistent Coherent Risk Measure. *Operations Research Letters*, 45, pp. 293-299.
- 35) Yang, J. 2017. A Link between Semi-anonymous Sequential Games and their Large Finite Counterparts. *International Journal of Game Theory*, 46, pp. 383-433.
- 34) Lei, L., M. Pinedo, L. Qi, S. Wang, and J. Yang. 2015. Personnel Scheduling and Supplies Provisioning in Emergency Relief Operations. *Annals of Operations Research*, 235, pp. 487-515.
- 33) Liu, Y. and J. Yang. 2015. Joint Pricing-procurement Control under Fluctuating Raw Material Costs. *International Journal of Production Economics*, 168, pp. 91-104.
- 32) Yang, J., Y. Xia, X. Qi, and Y. Liu. 2014. A Nonatomic-game Model for Timing Clearance Sales under Competition. *Naval Research Logistics*, 61, pp. 365-385.
- 31) Yang, J. and X. Qi. 2013. The Nonatomic Supermodular Game. *Games and Economic Behavior*, 82, pp. 609-620.
- 30) Katehakis, M.N., I. Olkin, S.M. Ross, and J. Yang. 2013. On the Life and Work of Cyrus Derman. *Annals of Operations Research*, 208, pp. 5-26.
- 29) Yang, J. and X. Qi. 2013. An Order-centric Treatment of the Bayesian Supermodular Games. *Annals of Operations Research*, 208, pp. 371-381.

- 28) Chen, Y.F., W. Xue, and J. Yang. 2013. Note: Optimal Inventory Policy in the Presence of a Long-term Supplier and a Spot Market. *Operations Research*, 61, pp. 88-97.
- 27) Yang, J. and Y. Xia. 2013. A Nonatomic-game Approach to Dynamic Pricing under Competition. *Production and Operations Management*, 22, pp. 88-103.
- 26) Yang, J. 2011. Asymptotic Interpretations for Equilibria of Nonatomic Games. *Journal of Mathematical Economics*, 47, pp. 491-499.
- 25) Yang, L., J. Yang, G. Yu, and H. Zhang. 2011. Near-optimal (r, Q) Policies for a Two-Stage Serial Inventory System with Poisson Demand. *International Journal of Production Economics*, 133, pp. 728-735.
- 24) Yang, J. and Y.F. Chen. 2010. On Information Quality Ranking and Its Managerial Implications. *Journal of Industrial and Management Optimization*, 6, pp. 729-750.
- 23) Yang, J. and X. Qi. 2010. Managing Partially Controllable Raw Material Acquisition and Outsourcing in Production Planning. *IIE Transactions*, 42, pp. 188-202.
- 22) Yang, J. and X. Qi. 2009. On the Design of Coordinating Contracts. *International Journal of Production Economics*, 122, pp. 581-594.
- 21) Yang, J. and X. Zhang. 2009. Coordinated Dynamic Control of Marketing and Production. *Naval Research Logistics*, 56, pp. 348-365.
- 20) Yang, J. and Y. Xia. 2009. Acquisition Management under Fluctuating Raw Material Prices. *Production and Operations Management*, 18, pp. 212-225.
- 19) Qin, Z. and J. Yang. 2008. Analysis of a Revenue-sharing Contract in Supply Chain Management. *International Journal of Logistics: Research and Applications*, 11, pp. 17-29
- 18) Yang, J. and Z. Qin. 2007. Capacitated Production Control with Virtual Lateral Transshipments. *Operations Research*, 55, pp. 1104-1119.
- 17) Yang, J., X. Hu, and H. Zhang. 2007. Effects of a Reputation Feedback System on an Online C2C Auction Market. *Decision Support Systems*, 44, pp. 93-105.
- 16) Yang, S., J. Yang, and L. Abdel-Malek. 2007. Sourcing with Random Yields and Stochastic Demand: A Newsvendor Approach. *Computers & Operations Research*, 34, pp. 3682-3690.
- 15) Yang, J. and S. Yang. 2007. The Use of Premium Payment in a Supply Chain Involving Acquirable Capacity. *European Journal of Operational Research*, 181, pp. 207-223.
- 14) Yang, J., X. Qi, Y. Xia, and G. Yu. 2006. Inventory Control with Markovian Capacity and the Option of Order Rejection. *European Journal of Operational Research*, 174, pp. 622-645.
- 13) Yang, J., B. Golany, and G. Yu. 2005. A Concave-cost Production Planning Problem with Remanufacturing Options. *Naval Research Logistics*, 52, pp. 443-458.
- 12) Yang, J., X. Qi, and G. Yu. 2005. Disruption Management in Production Planning. *Naval Research Logistics*, 52, pp. 420-442.

- 11) Yang, J., X. Qi, and Y. Xia. 2005. A Production-inventory System with Markovian Capacity and Outsourcing Options. *Operations Research*, 53, pp. 328-349.
- 10) Yang, J. and J. Y-T. Leung. 2005. A Generalization of the Weighted Set Covering Problem. *Naval Research Logistics*, 52, pp, 142-149.
- 9) Yang, J., P. Jaillet, and H. Mahmassani. 2004. Real-time Multivehicle Truckload Pickup and Delivery Problems. *Transportation Science*, 38, pp. 135-148.
- 8) Yang, J. 2004. Production Control in the Face of Random Supply, Storable Raw Material, and an Outside Market. *Operations Research*, 52, pp. 293-311.
- 7) Yang, J. and J. Y-T. Leung. 2003. The Ordered Open-end Bin Packing Problem. *Operations Research*, 51, pp. 759-770.
- 6) Golany, B., Y. Xia, J. Yang, and G. Yu. 2002. An Interactive Goal Programming Procedure for Operational Recovery Problems. *Optimization and Engineering*, 3, pp. 109-127.
- 5) Yang, J. and G. Yu. 2002. Some New Dynamic Economic Lot Sizing Models. *Dynamics of Continuous, Discrete and Impulsive Systems, Series B: Applications & Algorithms*, 9, pp. 403-419.
- 4) Yang, J. and G. Yu. 2002. On the Robust Single Machine Scheduling Problem. *Journal of Combinatorial Optimization*, 6, pp. 17-34.
- 3) Golany, B., J. Yang, and G. Yu. 2001. Economic Lot-sizing with Remanufacturing Options. *IIE Transactions*, 33, pp. 995-1003.
- 2) Yang, J., P. Jaillet, and H. Mahmassani. 1999. On-line Algorithms for Truck Fleet Assignment and Scheduling under Real-time Information. *Transportation Research Record*, 1667, pp. 107-113.
- 1) Yu, G. and J. Yang. 1998. On the Robust Shortest Path Problem. *Computers & Operations Research*, 25, pp. 457-468.

JOURNAL PUBLICATIONS (NON PEER-REVIEWED)

BOOK CHAPTER CONTRIBUTIONS

- 3) Yang, J., Y. Xia, and J. Shi. 2015. A Game of Competitive Investment: Over-capacity and Under-learning. In *Supply Chain Management and Logistics: Innovative Strategies and Practical Solutions*, Liang, Z., W.A. Chaovalitwongse, and L. Shi (Eds.), Taylor & Francis, New York, pp. 197-230.
- 2) Qi, X., J. Yang, and G. Yu. 2004. Scheduling Problems in the Airline Industry. In *Handbook of Scheduling: Algorithms, Models, and Performance Analysis*, Joseph Y-T. Leung (Ed.), Chapman & Hall/CRC, Boca Raton, FL, pp. 50:1-50:21.
- 1) Yu, G. and J. Yang. 1998. Optimization Applications in the Airline Industry. In *Handbook of Combinatorial Optimization*, D.-Z. Du and P.M. Pardalos (Eds.), Kluwer Academic Publishers, Norwell, MA, pp. 635-726.

CONFERENCE PROCEEDINGS

2) Yang, J., L. Lei, and C. Fan. 2005. Effects of Errors in Production-Inventory Systems—The Advantage of RFID. Annual Meeting of the Northeast Region of the Decision Sciences Institute. Philadelphia, PA.

1) Yang, S., J. Yang, and L. Abdel-Malek. 2004. Multi-supplier Sourcing with Random Yields: A Newsvendor Approach. The 13th International Working Seminar on Production Economics. Igls/Innsbruck, Austria.

BOOK CONTRIBUTIONS

PROCEEDINGS (PEER-REVIEWED)

PRESENTATIONS

26) Analysis of Markovian Competitive Situations using Nonatomic Games. July 2019, the 19th Annual Conference of the Society for the Advancement of Economic Theory, Ischia, Italy.

25) Dynamic Inventory and Price Controls Involving Discrete Nonperishable Items and Unknown Demand. November 2018, Applied Probability Conference, Rutgers University, Newark, NJ.

24) Game-theoretic Modeling of Players' Ambiguities on External Factors. March 2017, Department of Applied Mathematics and Statistics, Stony Brook University, Stony Brook, NY.

23) Modeling Risk and Ambiguity-on-nature in Normal-form Games. October 2015, 4th Rutgers Applied Probability Conference, Rutgers University, New Brunswick, NJ.

22) Noncooperative Game with Risk Considerations. September 2014. Department of Information, Operations and Management Sciences, Stern School of Business, New York University, New York, NY.

21) A Link between Sequential Semi-anonymous Games and their Large but Finite Counterparts. May 2014, Department of Industrial and Enterprise Systems Engineering, University of Illinois, Urbana-Champaign, IL.

20) On Sequential Semi-anonymous Nonatomic Games. December 2013, 2nd Rutgers Probability Day, Rutgers University, New Brunswick, NJ.

19) Inventory and Price Control under Time-consistent Markov and Coherent Risk Measure. November 2012, 1st Rutgers Probability Day, Rutgers University, New Brunswick, NJ.

18) The Nonatomic Supermodular Game. October 2012, INFORMS Annual Meeting, Phoenix, AZ.

17) Competitive Dynamic Pricing—the Nonatomic-game Approximation. April 2012, POMS Annual Meeting, Chicago, IL.

16) Analysis of Markovian Competitive Situations using Nonatomic Games. October 2011, Rutgers Center for Operations Research, Rutgers University, New Brunswick, NJ.

- 15) Dynamic Pricing in Presence of Product-form Demands. February 2011, Department of Management Science and Information Systems, Rutgers University, Newark, NJ.
- 14) Dynamic Pricing in an Oscillating Economy. April 2010, A. Gary Anderson School of Management, University of California at Riverside, Riverside, CA.
- 13) A Game of Competitive Investment: Over-capacity, Under-learning, and Implications of Information Sharing. October 2009, INFORMS Annual Meeting, San Diego, CA.
- 12) Nonatomic-game Models for Clearance Sales under Competition. October 2008, INFORMS Annual Meeting, Washington D.C.
- 11) Rational Expectations Models in Revenue Management. September 2007, Rutgers Business School, Rutgers University, Newark, NJ.
- 10) Coordinated Dynamic Control of Marketing and Production. January 2007, Department of Mathematical Sciences, Georgia Southern University, Statesboro, GA.
- 9) Managing Partially Controllable Raw Material Acquisition and Outsourcing in Production Planning. November 2005, Rutgers Business School, Rutgers University, Newark, NJ.
- 8) Flexible Resource and Quality of Information. April 2005, Rutgers Business School, Rutgers University, Newark, NJ.
- 7) Production Constraints and Remedial Options. February 2005, Department of Supply Chain Management & and Information, Pennsylvania State University, University Park, PA.
- 6) Production Constraints and Remedial Options. October 2004, Department of Industrial and Systems Engineering, Rutgers University, New Brunswick, NJ.
- 5) Inventory Control under Capacity Limitations. July 2004, Rutgers Business School, Rutgers University, Newark, NJ.
- 4) Inventory Control under Capacity Limitations. June 2004, Department of Industrial Engineering and Engineering Management, The Hong Kong University of Science and Technology, Hong Kong.
- 3) Inventory Control involving Capacity. June 2004, Department of Systems Engineering and Engineering Management, The Chinese University of Hong Kong, Hong Kong.
- 2) The Effects of a Feedback System on an Electronic Market. February 2004, DuPree College of Management, Georgia Institute of Technology, Atlanta, GA.
- 1) Results on Two Combinatorial Optimization Problems. October 2001, Rutgers Center for Operations Research, Rutgers University, New Brunswick, NJ.

INTELLECTUAL PROPERTY

PUBLISHED CASES or CASE COMPETITION ORGANIZER/JUDGE

COMPLICATION OF READINGS, ARTICLES, OR CASES

ONLINE BLOGS/NEWSPAPER COLUMNS or ACADEMIC/PROFESSIONAL VIDEOS (must provide public access website)

CONSULTING

CONTRACTS, FELLOWSHIPS, GRANTS AND SPONSORED RESEARCH

7) *Principal Investigator*: Risk Aversion and Cooperative Games, *Research Resource Committee* Grant in the amount of \$5,000, July 2013—June 2014.

6) *Principal Investigator*: Collaborative Research: The Nonatomic-game Approach to Revenue Management under Competition, *National Science Foundation* Grant CMMI-0854803 in the amount of \$249,592, September 2009—August 2012.

5) *Principal Investigator* (with Y. Xia as Co-PI): Inventory Management under Fluctuating Raw Material Prices. *National Science Foundation* Grant CMMI-0652942 in the amount of \$326,932, June 2007—May 2010.

4) *Investigator* (with S. Chien as PI, L.N. Spasovic as Co-PI, and A. Bladikas as other investigator): Route Design Model for Project SWIFT—Phase I. *Greyhound Lines, Inc.* grant in the amount of \$35,410, January 2005—June 2005.

3) *Principal Investigator* (with J.R. Daniel as Co-PI): Study of Optimal Travel Speed Limits for Shared Traffic. *New Jersey Department of Transportation* grant in the amount of \$136,688, January 2003—June 2004.

2) *Principal Investigator*: Production Planning under Uncertain Supply. *NJIT* Separately Budgeted Research Grant, \$20,000, July 2000—June 2002.

1) *Principal Investigator*: Policies for Real-time Vehicle Routing. *NJIT* Separately Budgeted Research Grant, \$19,150 (and NCTIP matching of \$19,150), July 2000—June 2001.

PROFESSIONAL MEMBERSHIPS

Institute for Operations Research and Management Sciences (INFORMS), regular member, January 1999—present

AWARDS / HONORS

PROFESSIONAL AND/OR EXECUTIVE TRAINING

FACULTY DEVELOPMENT ACTIVITIES ATTENDED (*conference, workshop, seminar, course took/attended, but not participated in*)

LICENSURES AND CERTIFICATIONS

MEDIA CONTRIBUTIONS and QUOTES

DIRECTED STUDENT LEARNING (e.g. *Theses, Dissertations*)

Ph.D. Dissertation Supervisions

- 9) Yuan Qu: Probes of Probabilistic Goods, targeting graduation in May 2023.
- 8) Ehsan Teymourian (co-advising with Michael N. Katehakis): Inventory Control involving Fixed Setup Costs, Demand Censoring, and Unknown Distribution, targeting graduation in May 2022.
- 7) Mehdi Davoodi (co-advising with Michael N. Katehakis): Dynamic Inventory Control with Fixed Setup Costs and Unknown Demand Distribution, targeting graduation in May 2021.
- 6) Tingting Zhou (co-advised with Michael N. Katehakis): Inventory and Revenue Management when Demand Distribution is Unknown, graduated in May 2018.
- 5) Yifeng Liu: Joint Pricing-production Control under Fluctuating Raw Material Prices, graduated in May 2014.
- 4) Mojisola Otegbeye: Addressing the Procurement and Inventory Decision in a Volatile Commodity Price Environment, graduated in May 2010.
- 3) Godson Tetteh: Optimal Allocation of Blood Products, graduated in May 2008.
- 2) Yongqiang Yang (co-advised with Dr. J. Daniel): Optimal Speed Limit for Shared Traffic, graduated in August 2005.
- 1) Zhaoqiong Qin: Topics on Supply Chain Management, graduated in May 2005.

Ph.D. Dissertation Committees

- 28) Zhifan Xu, ISE Dept., Rutgers, proposal defended in December 2020
- 27) Mingfei Teng, MSIS Dept., Rutgers, defended in July 2021
- 26) Shui Yu, MSIS Dept., Rutgers, defended in September 2020
- 25) Maryam Mahdikhani. SCM Dept. Rutgers, defended in August 2020
- 24) Yuan Lu, CS Dept., NJIT, defended in August 2020
- 23) Peter Mursic, MSIS Dept., Rutgers, defended in January 2019
- 22) Qiang Wu, MSIS Dept., Rutgers, proposal defended in April 2018
- 21) Jingyuan Yang, MSIS Dept., Rutgers, defended in February 2018
- 20) Meng Qu, MSIS Dept., Rutgers, defended in June 2017
- 19) Jianing Yao, MSIS Dept., Rutgers, defended in March 2017
- 18) Yanjie Fu, MSIS Dept., Rutgers, defended in June 2016

- 17) Zhongmou Li, MSIS Dept., Rutgers, defended in November 2015
- 16) Chuanren Liu, MSIS Dept., Rutgers, defended in May 2015
- 15) Albert Forde, Transportation Program, NJIT, defended in April 2015
- 14) He Yang, Transportation Program, NJIT, defended in April 2015
- 13) Haifeng Lu, Transportation Program, NJIT, defended in May 2014
- 12) Laurens C. Smit, MSIS Dept., Rutgers, defended in April 2014
- 11) Patricia De Joseph, Transportation Program, NJIT, defended in July 2013
- 10) Zhaodong Huang, Transportation Program, NJIT, defended in July 2012
- 9) Fei Yang, Transportation Program, NJIT, defended in April 2010
- 8) Songyong Choi, MSIS Dept., Rutgers, defended in August 2009
- 7) Jongho Byun, Transportation Program, NJIT, defended in January 2009
- 6) Feng-ming Tsai, Transportation Program, NJIT, defended in November 2008
- 5) Changqian Guan, Transportation Program, NJIT, defended in November 2008
- 4) Wen Chen, MSIS Dept., Rutgers, defended in May 2008
- 3) Jun Xu, CS Dept., NJIT, defended in December 2007
- 2) Xin Wang, CS Dept., NJIT, defended in December 2007
- 1) Chunxing Fan, MSIS Dept., Rutgers, defended in May 2007

SERVICE TO THE PROFESSION (*must include Start/End Date*)

Associate Editor, Area of Inventory and Supply Chain Optimization, *Operations Research Letters*, April 2021—present

Guest Editor, Special volumes at *Annals of Operations Research* commemorating Cyrus Derman, July 2011—June 2013, resulting in

- Katehakis, M.N., S.M. Ross, and J. Yang. 2016. Optimization under Uncertainty: Costs, Risks and Revenues Cyrus Derman Memorial Volume II. *Annals of Operations Research*, 241. DOI 10.1007/s10479-016-2183-7.
- Katehakis, M.N., S.M. Ross, and J. Yang. 2013. Optimization under Uncertainty: Costs, Risks and Revenues Cyrus Derman Memorial Volume I. *Annals of Operations Research*, 208. doi: 10.1007/s10479-013-1430-4.

Panelist, Service Enterprise Systems Program, CMMI Division, National Science Foundation, April 2009

Panelist, Manufacturing Enterprise Systems Program, CMMI Division, National Science Foundation, April 2007

Associate Editor, Area of Computing and Decision Technologies, *Operations Research*,
February 2005—December 2005

Ad hoc Reviewer for

Annals of Operations Research
Computers & Industrial Engineering
Computational Management Science
Computers & Operations Research
Decision Support Systems
Economic Theory Bulletin
European Journal of Operational Research
IIE Transactions
Information Sciences
Information Systems and Operational Research
International Game Theory Review
International Journal of Game Theory
International Journal of Industrial Engineering
International Journal of Management Science and Engineering Management
International Journal of Production Economics
International Journal of Production Research
International Journal of Systems Science
Journal of Combinatorial Optimization
Journal of Industrial and Management Optimization
Journal of Organizational Computing and Electronic Commerce
Journal of Scheduling
Journal of Systems Science and Systems Engineering
Management Science
Manufacturing & Service Operations Management
Mathematics of Operations Research
Naval Research Logistics
Omega
Operations Research
Operations Research Letters
Operations Research Spectrum
Production and Operations Management
Theoretical Computer Science
Transportation Science

Local Organization Committee Chair, MISTA—Multidisciplinary International Conference on
Scheduling: Theory and Applications, July 2005. Stern Business School, New York University,
New York, NY

SERVICE TO THE UNIVERSITY

SERVICE TO THE COLLEGE

Member, RBS Appointments and Promotions Committee, August 2021—July 2022
Member, RBS Special Programs Policy Committee, August 2021—present
Member, RBS MBA Policy Committee, September 2012—June 2013; April 2018—July 2021
Member, RBS Ad-hoc Committee for Online and Hybrid Course Development, November 2019—December 2020
Member, RBS Ad-hoc Anti-bullying Committee, October—December 2019
Member, RBS PRME Research Committee, January 2018—December 2020
Member, RBS MBA Programs Curriculum Task Force, January 2017—December 2017
Member, RBS Research Resource Committees, September 2016—August 2019

SERVICE TO THE DEPARTMENT

Attendance, RBS open houses on behalf of MSIS Dept., September 2012—May 2017
Member, MSIS Faculty Recruiting Committee, October 2015—May 2016
Member, NCE Research Committee, January 2008—December 2008
Member, NJIT Library Committee, January 2001—August 2006
Member, MIE Departmental Research Committee, September 2008—August 2012
Member, MIE Departmental Bylaws Committee, March 2009—August 2012
Member, Department Teaching Award Committee, 2002, 2003

SERVICE TO THE LOCAL COMMUNITY