

## Nagesh Gavirneni

Cornell University

(607)-379-0695

nagesh@cornell.edu

---

### Education

Carnegie Mellon University

Doctor of Philosophy in Manufacturing and Operations Systems

December 1997

(Thesis Title: *Inventories in supply chains under cooperation*)

Master of Science in Industrial Administration

May 1994

Iowa State University

Master of Science in Industrial and Manufacturing Systems Engineering

May 1993

Indian Institute of Technology

Bachelor of Technology in Mechanical Engineering

August 1989

### Work Experience

Cornell University (06/2004 – now)

Massachusetts Institute of Technology (07/2016 – 06/2017)

Nanyang Technological University (07/2011 – 06/2012)

Kelley School of Business, Indiana University (08/2002 – 05/2004)

SmartOps Corporation (02/2002 – 08/2002)

Maxager Technology Inc. (02/2000 – 11/2001)

Schlumberger Ltd. (09/1997 – 02/2000)

Intel (09/1995 – 11/1995)

### Journal Publications

1. “Unpacking the Cognitive Processes of the Boundedly Rational Newsvendor” with Tarikere T. Niranjan, Narendra K. Ghosalya, Raveen R. Menon and Kristian Rotaru, *Production and Operations Management*, Forthcoming.
2. “Capacity Planning with Limited Information” with Vic Anand and Ramji Balakrishnan, *Production and Operations Management*, Forthcoming.
3. “Menu Engineering for Continued Care Senior Living Facilities with Captive Dining Patrons” with Sadan Kulturel-Konak, Abdullah Konak and Lily Jakielaszek, *INFORMS Journal on Applied Analytics* (formerly *Interfaces*), Forthcoming.
4. “Reining in Onion Prices by Introducing a Processed Substitute: Models, Analysis, and Insights” with Omkar Palsule-Desai and Muge Yayla-Kullu. *Manufacturing & Service Operations Management*, Vol. 24, No. 6, 2022, pp. 3283-3305.
5. “Inflating Orders Can Worsen Supply Chain Uncertainty” with Tarikere T. Niranjan, Shobhit Mathur and Narendra K. Ghosalya, *Harvard Business Review* (Digital Article), October 27, 2022.
6. “Optimal Operational Service Levels in Vendor Managed Inventory Contracts – An Exact Approach” with Babak Abbasi and Joanna Bruzda. *Operations Research Letters*, Vol. 50, No. 5, 2022, pp. 610-617.
7. “Achieving the United Nations Sustainable Development Goals-2030 through the Nutraceutical Industry: A Review of Managerial Research and the Role of Operations Management” with Shailly

- Chaurasia, Rupesh Pati, Sidhartha Padhi and Jennifer Jensen. *Decision Sciences*, Vol. 53, No. 4, 2022, 630-645.
8. "Negotiating Government-to-Government Food Importing Contracts: a Nash-Bargaining Framework" with Liying Mu, Bin Hu and Amarendra Reddy. *Manufacturing & Service Operations Management*, Vol. 24, No. 3, 2022, 1681-1697.
  9. "Data-Driven Storage Operations: Cross-Commodity Backtest and Structured Policies" with Christian Mandl, Selvaprabhu Nadarajah, and Stefan Minner. *Production and Operations Management*, Forthcoming, Vol. 31, No. 6, 2022, 2438-2456.
  10. "Crying Wolf and Knowing Wink: Strategic Inflation-Discounting of Information in Supply Chains" with Tarikere T. Niranjan and Narendra K. Ghosalaya. *Production and Operations Management*, Vol. 31, No. 3, 2022, 1071-1088.
  11. "Service Delivery Strategies for Alleviating Pandemic Suffering while Maintaining Profitability" with Omkar Palsule-Desai, Vikrant Vaze, and Gang Li. *Service Science*, Vol. 13, No. 4, 2021, 205-226.
  12. "Industrial Symbiosis: Operational Impact and Firms' Willingness to Implement" with Yunxia Zhu, Milind Dawande, and Vaidy Jayaraman. *IIE Transactions (Formerly IIE Transactions)*, Vol. 53, No. 8, 2021, 897-913.
  13. "Co-opetition in Service Clusters with Waiting-Area Entertainment," with Xuchuan Yuan, Tinglong Dai, and Lucy G. Chen. *Manufacturing & Service Operations Management*, Vol. 23, No. 1, 2021, 106-122.
  14. "Bundling Decisions in a Two-Product Duopoly – Lead or Follow?" with Shu Zhou and Boqian Song. *European Journal of Operational Research*, Vol. 284, No. 3, 2020, 980-989.
  15. "From Green to Good Supply Chains - Halo Effect between Environmental and Social Responsibility" with Valentina Carbone, Valerie Moatti, and Tobias Schoenherr, *International Journal of Physical Distribution & Logistics Management*, Vol. 40, No. 8, 2019, 839-860.
  16. "Reactive Production with Preprocessing Restriction in Supply Chains with Forecast Updates," with Meimei Zheng, Masha Shunko, Kan Wu, and Yan Shu. *IIE Transactions (formerly IIE Transactions)*, Vol. 51, No. 12, 2019, 1402-1436.
  17. "Retailer Order Commitments Improve Distribution Supply Chain Performance," with Lawrence W. Robinson. *Operations Research Letters*, Vol. 47, No. 4, 2019, 281-287.
  18. "Optimal Periodic Flexible Policies for Two-Stage Serial Supply Chains: A Technical Note," with Fang Liu. *European Journal of Operational Research*, Vol. 268, No. 1, 2018, pp. 142-160.
  19. "Risk Aversion and Implicit Shortage Cost Explain the Anchoring and Insufficient Adjustment Bias in Human Newsvendors" with Lawrence W. Robinson. *Operations Research Letters*, Vol. 45, 2017, pp. 191-198.
  20. "Self-selecting Priority Queues with Burr Distributed Waiting Costs" with Vidyadhar Kulkarni. *Production and Operations Management*, Vol. 25, No. 6, 2016, pp. 979-992.
  21. "Understanding Online Hotel Reviews through Automated Text Analysis" with Hyun Jeong Hun, Shawn Mankad, and Joel Goh. *Service Science*, Vol. 8, NO. 2, 2016, pp. 124-138.
  22. "Impact of Information Sharing, Random Yield, Correlation, and Lead Times in Closed Loop Supply Chains" with Takamichi Hosoda and Stephen M. Disney. *European Journal of Operational Research*, Vol. 246, 2015, pp. 827-836.
  23. "Impact of Information Errors on Supply Chain Performance" with Jin Kyung Kwak. *Journal of the Operational Research Society*, Vol. 66, No. 2, 2015, pp. 288-298.
  24. "Transfer Pricing and Sourcing Strategies for Multinational Firms" with Masha Shunko and Laurens Debo. *Production and Operations Management*, Vol. 23, No. 12, 2014, pp. 2043-2057.

25. "Optimal Selection of Line Extensions: Incorporating Operational, Financial, and Marketing Constraints" with Liying Mu, Milind Dawande, and Chelliah Sriskandarajah. *IEEE Transactions on Engineering Management*, Vol. 61, No. 4, 2014, pp. 738-754.
26. "Concierge Medicine: Applying Rational Economics to Health Care Queuing" with Vidyadhar Kulkarni. *Cornell Hospitality Quarterly*, Vol. 55, No. 3, 2014, pp. 314-325.
27. "Designing Dedicated Transportation Subnetworks: Design, Analysis, and Insights" with Tharanga Rajapakshe, Milind Dawande, Chelliah Sriskandarajah, and Rao Panchalavarapu, *Production and Operations Management*, Vol. 23, No. 1, 2014, pp. 138-159.
28. "A note on the effectiveness of scheduled balanced ordering in a one-supplier two-retailer system with uniform end-customer demands" with Lucy G. Chen, *International Journal of Production Economics*, Vol. 146, No. 1, 2013, pp. 240-245.
29. "Efficient Distribution of Water Between Head-Reach and Tail-End Farms in Developing Countries" with Milind Dawande, Mili Mehrotra, and Vijay Mookerjee, *Manufacturing and Service Operations Management*, Vol. 15, No. 2, 2013, pp. 221-238.
30. "Chinese Perspectives on Newsvendor Bias: An Exploratory Note" with Yin Cui, Lucy G. Chen, Jian Chen, and Qi Wang, *Journal of Operations Management*, Vol. 31, 2013, pp. 93-97.
31. "Supply Chains in the Presence of Store Brands" with Xiang Fang and Vithala Rao, *European Journal of Operational Research*, Vol. 224, No. 2, 2013, pp. 392-403.
32. "Forecast and Rolling Horizons under Demand Substitution and Production Changeovers: Analysis and Insights" with Amit Bardhan, Milind Dawande, Yinping Mu, and Suresh Sethi, *IIE Transactions*, Vol. 45, 2013, pp. 323-340.
33. "Fee-For-Service Contracts in Pharmaceutical Distribution Supply Chains: Design, Analysis, and Management" with Hui Zhao, Chuanhui Xiong, and Adam Fein. *Manufacturing & Service Operations Management*, Vol. 14, No. 4, 2012, pp. 685-699.
34. "Retailer Policy, Uncertainty Reduction, and Supply Chain Performance" with Jin Kyung Kwak. *International Journal of Production Economics*, Vol. 132, No. 2, 2011, pp. 271-278.
35. "Production Planning with Patterns: A Problem from Processed Food Manufacturing" with Milind Dawande, Mili Mehrotra, Mehmet Demirci, and Sridhar Tayur. *Operations Research*, Vol. 59, No. 2, 2011, pp. 267-282.
36. "On the Interaction Between Demand Substitution and Production Changeovers" with Milind Dawande, Yinping Mu, Chelliah Sriskandarajah, and Suresh Sethi. *Manufacturing & Service Operations Management*, Vol. 12, No. 4, 2010, pp. 682-691.
37. "Using Scheduled Ordering to Improve Performance of Distribution Supply Chains" with Lucy Chen. *Management Science*, Vol. 56, No. 9, 2010, pp. 1615-1632.
38. "Anatomy of a Newsvendor Decision: Observations from a Verbal Protocol Analysis" with Alice M. Isen. *Production and Operations Management*, Vol. 19, No. 4, 2010, pp. 453-462.
39. "Periodic Flexibility, Information Flows, and Supply Chain Performance" with Wanshan Zhu and Roman Kapuscinski. *IIE Transactions*, Vol. 42, No. 3, 2010, pp. 173-187.
40. "Discrete Forecast Horizons for Two-Product Variants of the Dynamic Lot-Size Problem" with Milind Dawande, Sanjeeva Naranpanawe and Suresh Sethi. *International Journal of Production Economics*, Vol. 120, 2009, pp. 130-136.
41. "Anchor Selection and Group Dynamics in Newsvendor Decisions – A Note" with Yusen Xia. *Decision Analysis*, Vol. 6, No. 2, 2009, pp. 87-97.
42. "Value of Sharing Production Yield Information in a Serial Supply Chain" with Hyun-Cheol Choi and Doug Blocher. *Production and Operations Management*, Vol. 17, No. 6, 2008, pp. 614-625.
43. "Teaching the Subjective Aspect of Forecasting Through the Use of Basketball Scores" *Decision Sciences Journal of innovative Education*, Vol. 6, No. 1, 2008, pp. 187-195.

44. "Forecast Horizons for a Class of Dynamic Lot-Size Problems Under Discrete Future Demand" with Milind Dawande, Sanjeeva Naranpanawe, and Suresh Sethi. *Operations Research*, Vol. 55, No. 4, 2007, pp. 688-702.
45. "Kelley School of Business uses Integer Programming to Form Equitable, Cohesive Case Teams in Integrated Core (I-Core)" with Rex Cutshall and Kenneth Schultz. *Interfaces*, Vol. 37, No. 3, 2007, pp. 265-276.
46. "Simulation Helps Schlumberger in the Bidding and Execution of Land Seismic Surveys" with Peter Mullarkey, Grant Butler, and Douglas Morrice. *Interfaces*, Vol. 37, No. 2, 2007, pp. 120-132.
47. "Re-coupling Inventory Control Research and Practice – Guidelines for Achieving Synergy" with Vikram Tiwari. *Interfaces*, Vol. 37, No. 2, 2007, pp. 176-186.
48. "Role of Transfer Prices in Global Supply Chains with Random Demands" with Masha Shunko. *Journal of Industrial and Management Optimization*, Vol. 3, No. 1, 2007, pp. 99-117.
49. "Effective Heuristics for Multi-Product Partial Shipment Models," with Milind Dawande and Sridhar Tayur. *Operations Research*, Vol. 54, No. 2, 2006, pp. 337-352.
50. "Computing Minimal Forecast Horizons: An Integer Programming Approach" with Milind Dawande, Sanjeeva Naranpanawe, and Suresh Sethi. *Journal of Mathematical Modelling and Algorithms*, Vol. 5, No. 2, 2006, pp. 239-258.
51. "Scheduling a Two-Stage Flowshop under Makespan Constraint" with Milind Dawande and Ram Rachamadugu. *Mathematical and Computer Modeling*, Vol. 44, No. 2, 2006, pp. 73-84.
52. "Price Fluctuations, Information Sharing, and Supply Chain Performance" *European Journal of Operational Research*, Vol. 174, No. 3, 2006, pp. 1651-1663.
53. "Confidence Intervals for Optimal Selection among Alternatives with Stochastic Variable Costs" with Byron Finch. *International Journal of Production Research*, Vol. 44, No. 20, 2006, pp. 4329-4342.
54. "Measuring Police Efficiency in India: An Application of Data Envelopment Analysis" with Arvind Verma. *Policing: An International Journal of Police Strategies and Management*, Vol. 29, No. 1, 2006, pp. 125-145.
55. "Teaching Data Envelopment Analysis Using Applichem – New Perspectives on a Popular Operations Case" *INFORMS Transactions on Education*, Vol. 6, No. 3, 2006, pp. 38-45.
56. "Simulation Helps Maxager Shorten its Sales Cycle" with Peter Mullarkey and Douglas Morrice. *Interfaces*, Vol. 34, No. 2, 2004, pp. 87-96.
57. "Schlumberger Optimizes Receiver Location for Automated Meter Reading" with Gabor Pataki and Lloyd Clark. *Interfaces*, Vol. 34, No. 3, 2004, pp. 208-214.
58. "Periodic Review Inventory Control with Fluctuating Purchasing Costs" *Operations Research Letters*, Vol. 32, No. 4, 2004, pp. 374-379.
59. "Information Flows in Capacitated Supply Chains with Fixed Ordering Costs," *Management Science*, Vol. 48, No. 5, 2002, pp. 644-651.
60. "An Efficient Procedure for Non-stationary Inventory Control" with Sridhar Tayur. *IIE Transactions*, Vol. 33, No. 2, 2001, pp. 83-89.
61. "An Efficient Heuristic when the Customer is using a (s,S) Policy" *Operations Research Letters*, Vol. 28, No. 4, 2001, pp. 187-192.
62. "Simulation of Back-Deck Operations on a Marine Seismic Vessel" with Douglas Morrice and Carel Hooykaas. *Interfaces*, Vol. 31, No. 6, 2001, pp. 16-28.
63. "Benefits of Co-operation in a Production Distribution Environment" *European Journal of Operational Research*, Vol. 130, No. 3, 2001, pp. 164-174.
64. "Value of Information in Capacitated Supply Chains" with Roman Kapuscinski and Sridhar Tayur. *Management Science*, Vol. 45, No. 1, 1999, pp. 16-24.

65. "Managing a Customer using a Target Reverting Policy" with Sridhar Tayur. *Manufacturing & Service Operations Management*, Vol. 1, No. 2, 1999, pp. 157-173.
66. "Inventory Control under Speculation: Myopic Heuristics and Exact Procedures" with Thomas Morton. *European Journal of Operational Research*, Vol. 117, No. 2, 1999, pp. 211-221.
67. "Periodic Review Stochastic Inventory Problem with Forecast Updates: Worst Case Bounds for the Myopic Solution" with Srinivas Bollapragada and Thomas Morton. *European Journal of Operational Research*, Vol. 111, No. 2, 1998, pp. 381-392.
68. "Designing for High Performance of a Command, Control, Communication & Information Network" with Jason Rupe. *IEEE Transactions on Reliability*, Vol. 44, No. 2, 1995, pp. 230-236.

### **Working Papers**

69. "Horizontal Information Sharing in Omnichannel Operations: Impact of Information Errors" with Jizhou Lu and Leela Nageswaran. Preparing for submission to *Manufacturing & Service Operations Management*.
70. "Self-selecting No-Pay Service Delivery Strategies: A Rising Tide that Lifts All Boats?" with Omkar Palsule-Desai, Vikrant Vaze and Gang Li. Preparing for submission to *Manufacturing & Service Operations Management*.
71. "Is Localization Better than Globalization for Sustainability? Evidence from the Nutraceuticals Industry for Managing Malnutrition in India" with Shailly Chaurasia, Rupesh Pati and Sidhartha Padhi. *International Journal of Production Economics*. Under 1<sup>st</sup> review.

### **Edited Volume**

1. "Cross-Functional Inventory Research." World Scientific – Now Publishers Series in Business: Volume 10. September 2016.

### **Book Chapters**

2. "Mechanisms for Effective Sharing of Agricultural Water Between Head-Reach and Tail-End Farms" with Milind Dawande, Mili Mehrotra, and Vijay Mookerjee. In Onur Boyabatli, Burak Kazaz and Chris Tang (Eds.), *Agricultural Supply Chain Management Research: Operations and Analytics in Planting, Selling, and Government Interventions*. Forthcoming.
3. "Big Data Improves Visitor Experience at Local, State, and National Parks – Natural Language Processing Applied to Customer Feedback" with Hari Udyapuram. In C. Vincent & A. Emrouznejad (Eds.), *Big Data for the Greater Good* (vol. 42, pp. 203). Springer.
4. "Concierge Medicine: Models, Analysis, and Impact", with Vidyadhar Kulkarni. In T. Dai and S. Tayur (Eds.), *Handbook of Healthcare Analytics*. Wiley.
5. "Supply Chain Management at A Chip Tester Manufacturer" in *Practice of Supply Chain Management: Where Theory and Application Converge* by Terry Harrison, Hau Lee, Corey Billington, John Neale (eds.).
6. "Information Centric Optimization of Inventories in Capacitated Supply Chains – Three Illustrative Examples" in *Supply Chain Optimization* by Joe Geunes and Panos Pardalos (eds.).
7. "Value of Information Sharing and Comparison to Delayed Differentiation" with Sridhar Tayur in *Quantitative Models for Supply Chain Management* by Sridhar Tayur, Michael Magazine, and Ram Ganesham (eds.).

### **Conference Proceedings** (only those not published as full papers)

1. "Concierge Medicine: Adoption, design, and management" with Andrew Manikas, Vidyadhar Kulkarni, and Alexis Karageorge. *Proceedings of the Winter Simulation Conference*, Washington D.C., December 2013.



2. “A Simulation Approach to Estimate the Value of Information in Maritime Supply Chains” with Hari U. Prasad. *Proceedings of the Winter Simulation Conference*, Baltimore, December 2010.
3. “Simulation Based Evaluation of Information-Centric Supply Chains” *Proceedings of the Winter Simulation Conference*, Orlando, FL, December 2005.
4. “A Practical Strategy for Managing a Flowshop with Multiple Products, Setup Times, and Random Demands” *Proceedings of the Decision Sciences Institute Conference*, Washington, D.C., November 2003.
5. “Determining Optimal Placement of Web Proxy Cache Servers Considering Latency in the Network” with Vikram Tiwari and M.A. Venkataramanan. *Proceedings of the Decision Sciences Institute Conference*, Washington, D.C., November 2003.
6. “Dynamic Output Analysis for Simulation of Manufacturing Environments” with Douglas Morrice and Peter Mullarkey. *Proceedings of the Winter Simulation Conference*, Orlando, December 2000.
7. “Sensitivity Analysis in Ranking and Selection for Multiple Performance Measures” with Douglas Morrice, John Butler, and Peter Mullarkey. *Proceedings of the Winter Simulation Conference*, Phoenix, December 1999.
8. “Decision Support Systems for Personal Computer Replacement in Business Environments” with Ram Rachamadugu, and Edward Williams. *Proceedings of the Decision Sciences Institute Conference*, Las Vegas, November 1998.
9. “Command Control and Communications Information Network Analysis Tool (C3INAT)” with Way Kuo, Jason Rupe, and John Mullen. *Proceedings of the Winter Simulation Conference*, New Orleans, December 1990.

## Research Seminars

Tata-Cornell Institute, Cornell University, Spring 2023  
 Center for Economic and Social Studies, Fall 2022  
 University of Hyderabad, Fall 2022  
 Institute for Public Enterprise, Fall 2022  
 NALSAR University of Law, Fall 2022  
 George Mason University, Fall 2022  
 Temple University, Fall 2022  
 Tilburg University, Spring 2022 (via Video)  
 Indian School of Business, Spring 2022 (via Video)  
 Stony Brook University, Spring 2022 (via Video)  
 University of California – Irvine, Spring 2022 (via Video)  
 Southern Methodist University, Spring 2022 (via Video)  
 Syracuse University, Fall 2021 (via Video)  
 Brunel University, Fall 2021 (via Video)  
 University College London, Fall 2021 (via Video)  
 Nanyang Technological University, Fall 2021 (via Video)  
 Lehigh University, Fall 2021  
 Georgetown University, Fall 2021  
 University of Science and Technology – Beijing, Summer 2020 (via Video)  
 Fudan University, Summer 2020 (via Video)  
 American University, Fall 2019  
 University of Maryland – College Park, Fall 2019  
 Cornell University, Fall 2019  
 University of Cologne, Spring 2019  
 Technical University of Munich, Spring 2019  
 University of Rochester, Spring 2019  
 University of California – San Diego, Spring 2019

Arizona State University, Spring 2019  
Ivey School of Business, University of Western Ontario, Fall 2018  
London Business School, Fall 2018  
Mannheim Business School, Fall 2018  
Baruch College, City University of New York, Fall 2018  
University of Nebraska-Lincoln, Fall 2018  
University of Oklahoma, Spring 2018  
University of Illinois-Chicago, Spring 2018  
Duke University, Fall 2017  
University of North Carolina – Chapel Hill, Fall 2017  
Goa Institute of Management, Fall 2017  
University of Goa, India, Fall 2017  
Cornell University, Fall 2017  
Yokohama National University, Spring 2017  
Massachusetts Institute of Technology, Spring 2017  
Eindhoven University of Technology, Netherlands, Fall 2016  
Melbourne Business School, Australia, Fall 2016  
RMIT University, Melbourne, Australia, Fall 2016  
Dartmouth College, Fall 2016  
University of North Carolina – Greensboro, Fall 2016  
University of San Diego, Spring 2016  
Johns Hopkins University, Spring 2016  
Universidad del Valle – Cali, Colombia, Fall 2015  
IBM T.J. Watson Research Center, Fall 2015  
Yokohama National University - Japan, Fall 2015  
Clarkson University, Fall 2015  
University of Washington – Seattle, Fall 2015  
Carnegie Mellon University, Fall 2015  
University of British Columbia, Summer 2015  
Amazon, Summer 2015  
Stanford University, Fall 2014  
University of Chicago, Fall 2014  
University of Miami, Fall 2014  
New York University, Fall 2014  
International Management Institute – New Delhi, Summer 2014  
University College – London, Summer 2014  
Imperial College, Summer 2014  
Higher School of Economics - Moscow, Summer 2014  
Johns Hopkins University, Fall 2013  
Boston College, Fall 2013  
Pennsylvania State University, Fall 2013, Spring 2007  
EMLYON Business School, Summer 2013  
Chalmers University of Technology, Spring 2013  
Lund University, Spring 2013  
George Washington University, Fall 2012  
George Mason University, Fall 2012  
National Central University, Spring 2012  
Yokohama National University, Spring 2012  
Aoyama Business School, Spring 2012  
University of Auckland, Spring 2012  
Chinese University of Hong Kong, Spring 2012

HKUST, Spring 2012  
 Indian School of Business, Fall 2011  
 INSEAD – Singapore, Fall 2011  
 Nanyang Technological University, Fall 2011  
 University of Cincinnati, Spring 2011  
 University of Wisconsin-Milwaukee, Spring 2011  
 Northwestern University, Spring 2010  
 Singapore Management University, Fall 2009  
 University of Southern California, Fall 2009  
 University of Western Ontario, Fall 2009  
 Stanford University, Spring 2009  
 University of California at Los Angeles, Spring 2009  
 University of Virginia, Spring 2009  
 Syracuse University, Spring 2009  
 Massachusetts Institute of Technology, Fall 2008  
 University of Kansas, Fall 2008  
 University of California at Irvine, Spring 2008  
 Carnegie Mellon University, Spring 2008  
 Georgetown University, Spring 2008  
 Georgia Institute of Technology, Fall 2007  
 University of North Carolina at Chapel Hill, Fall 2007  
 Southern Methodist University, Fall 2007  
 Georgia Institute of Technology, Spring 2007

## Teaching

- **Samuel Curtis Johnson Graduate School of Management, Cornell University**

Spring 2005 – NCC 508: Managing Operations (MBA Core; 2 sections)

Enrollment: 48	Instructor Rating: 3.90/5.0	Course Rating: 3.30/5.0
Enrollment: 64	Instructor Rating: 4.10/5.0	Course Rating: 3.40/5.0

Spring 2006 – NCC 508: Managing Operations (MBA Core; 2 sections)

Enrollment: 73	Instructor Rating: 4.16/5.0	Course Rating: 3.00/5.0
Enrollment: 59	Instructor Rating: 4.17/5.0	Course Rating: 3.30/5.0

Spring 2006 – NCCB 508: Managing Operations (Cornell Queens EMBA; via videoconference)

Enrollment: 61	Instructor Rating: 3.67/5.0	Course Rating: 3.7/5.0
----------------	-----------------------------	------------------------

Spring 2007 – NCC 508: Managing Operations (MBA Core for the SSO immersion)

Enrollment: 30	Instructor Rating: 4.54/5.0	Course Rating: 4.21/5.0
----------------	-----------------------------	-------------------------

Spring 2007 – NBA 650: Semester in Strategic Operations (SSO) Immersion

Enrollment: 30	Instructor Rating: 4.52/5.0	Course Rating: 4.17/5.0
----------------	-----------------------------	-------------------------

Spring 2008 – NCC 508: Managing Operations (MBA Core for the SSO immersion)

Enrollment: 32	Instructor Rating: 4.55/5.0	Course Rating: 4.10/5.0
----------------	-----------------------------	-------------------------

Spring 2008 – NBA 650: Semester in Strategic Operations (SSO) Immersion

Enrollment: 32	Instructor Rating: 4.39/5.0	Course Rating: 4.50/5.0
----------------	-----------------------------	-------------------------

Spring 2009 – NCC 5080: Managing Operations (MBA Core for the SSO immersion)

Enrollment: 34	Instructor Rating: 4.84/5.0	Course Rating: 4.52/5.0
----------------	-----------------------------	-------------------------

Spring 2009 – NBA 6500: Semester in Strategic Operations (SSO) Immersion



Enrollment: 34	Instructor Rating: 4.86/5.0	Course Rating: 4.76/5.0
Spring 2010 – NCC 5080: Managing Operations (MBA Core for the SSO immersion)		
Enrollment: 56	Instructor Rating: 4.88/5.0	Course Rating: 4.58/5.0
Spring 2010 – NBA 6500: Semester in Strategic Operations (SSO) Immersion		
Enrollment: 57	Instructor Rating: 4.79/5.0	Course Rating: 4.75/5.0
Spring 2011 – NCC 5080: Managing Operations (MBA Core for the SSO immersion)		
Enrollment: 48	Instructor Rating: 4.54/5.0	Course Rating: 3.97/5.0
Spring 2011 – NBA 6500: Semester in Strategic Operations (SSO) Immersion		
Enrollment: 48	Instructor Rating: 4.40/5.0	Course Rating: 4.05/5.0
Spring 2013 – NCC 5080: Managing Operations (MBA Core for the SSO immersion)		
Enrollment: 63	Instructor Rating: 4.22/5.0	Course Rating: 3.98/5.0
Spring 2013 – NBA 6500: Semester in Strategic Operations (SSO) Immersion		
Enrollment: 63	Instructor Rating: 3.79/5.0	Course Rating: 3.49/5.0
Spring 2014 – NCC 5080: Managing Operations (MBA Core for the SSO immersion)		
Enrollment: 47	Instructor Rating: 4.18/5.0	Course Rating: 4.00/5.0
Spring 2014 – NBA 6500: Semester in Strategic Operations (SSO) Immersion		
Enrollment: 49	Instructor Rating: 4.24/5.0	Course Rating: 3.68/5.0
Spring 2015 – NCC 5080: Managing Operations (MBA Core for the SSO immersion)		
Enrollment: 27	Instructor Rating: 4.68/5.0	Course Rating: 4.40/5.0
Spring 2015 – NBA 6500: Semester in Strategic Operations (SSO) Immersion		
Enrollment: 27	Instructor Rating: 4.59/5.0	Course Rating: 4.47/5.0
Spring 2016 – NCC 5080: Managing Operations (MBA Core for the SSO immersion)		
Enrollment: 31	Instructor Rating: 4.78/5.0	Course Rating: 4.59/5.0
Spring 2016 – NBA 6500: Semester in Strategic Operations (SSO) Immersion		
Enrollment: 31	Instructor Rating: 4.82/5.0	Course Rating: 4.74/5.0
Spring 2018 – NCC 5080: Managing Operations (MBA Core for the SSO immersion)		
Enrollment: 29	Instructor Rating: 2.96/5.0	Course Rating: 2.54/5.0
Spring 2018 – NBA 6500: Semester in Strategic Operations (SSO) Immersion		
Enrollment: 29	Instructor Rating: 2.86/5.0	Course Rating: 2.81/5.0
Spring 2019 – NCC 5080: Managing Operations (MBA Core for the SSO immersion)		
Enrollment: 23	Instructor Rating: 3.89/5.0	Course Rating: 3.44/5.0
Spring 2019 – NBA 6500: Semester in Strategic Operations (SSO) Immersion		
Enrollment: 23	Instructor Rating: 3.57/5.0	Course Rating: 3.14/5.0
Spring 2020 – NCC 5080: Managing Operations (MBA Core for the SSO immersion)		
Enrollment: 21	Instructor Rating: 4.39/5.0	Course Rating: 4.17/5.0
Spring 2020 – NBA 6500: Semester in Strategic Operations (SSO) Immersion		
Enrollment: 21	Instructor Rating: 4.39/5.0	Course Rating: 4.33/5.0
Spring 2021 – NCC 5580: Managing Operations		
Enrollment: 40	Instructor Rating: 4.70/5.0	Course Rating: 4.65/5.0
Spring 2021 – NBA 6500: Semester in Strategic Operations (SSO) Immersion		
Enrollment: 16	Instructor Rating: 4.60/5.0	Course Rating: 4.60/5.0

Spring 2021 – MGMT 5080: Managing Operations

Enrollment: 45      Instructor Rating: 4.61/5.0      Course Rating: 4.44/5.0

Fall 2021 – NBA 6430: Managerial Spreadsheet Modeling (2 sections)

Enrollment: 61      Instructor Rating: 3.95/5.0      Course Rating: 3.89/5.0

Enrollment: 56      Instructor Rating: 4.20/5.0      Course Rating: 4.16/5.0

Spring 2022 – NBA 6430: Managerial Spreadsheet Modeling (2 sections)

Enrollment: 57      Instructor Rating: 4.20/5.0      Course Rating: 3.96/5.0

Enrollment: 56      Instructor Rating: 4.44/5.0      Course Rating: 4.33/5.0

Spring 2022 – NBA 6470: Managerial Spreadsheet Modeling

Enrollment: 57      Instructor Rating: 4.12/5.0      Course Rating: 4.08/5.0

Spring 2022 – MGMT 5080: Managing Operations

Enrollment: 61      Instructor Rating: 4.85/5.0      Course Rating: 4.65/5.0

Fall 2022 – NBA 6430: Managerial Spreadsheet Modeling (2 sections)

Enrollment: 59      Instructor Rating: 4.20/5.0      Course Rating: 4.17/5.0

Enrollment: 57      Instructor Rating: 4.52/5.0      Course Rating: 4.38/5.0

- **Sloan School of Management, Massachusetts Institute of Technology**

Summer 2017 – 15.734: Introduction to Operations Management (EMBA Core)

Enrollment: 123      Instructor Rating: 5.76/7.0      Course Rating: 5.50/7.0

- **Kelley School of Business, Indiana University**

Fall 2002 – P635: Inventory Issues in Supply Chain Management (Ph.D)

Enrollment: 5      Instructor Rating: 7.0/7.0      Course Rating: 7.0/7.0

Spring 2003 – P421: Supply Chain Management (undergraduate; 2 sections)

Enrollment: 35      Instructor Rating: 5.8/7.0      Course Rating: 5.9/7.0

Enrollment: 32      Instructor Rating: 5.4/7.0      Course Rating: 5.8/7.0

Spring 2004 – P421: Supply Chain Management (undergraduate; 2 sections)

Enrollment: 41      Instructor Rating: 6.3/7.0      Course Rating: 6.3/7.0

Enrollment: 45      Instructor Rating: 5.9/7.0      Course Rating: 5.8/7.0

Spring 2004 – P550: Business Process Design (MBA)

Enrollment: 20      Instructor Rating: 5.7/7.0      Course Rating: 5.5/7.0

## **Ph.D. Students**

- Member, Doctoral Dissertation Committee for Zhen Lian, Johnson School, Cornell University, Ithaca, NY. (Graduated Aug 2022)
- Member, Doctoral Dissertation Committee for Kashish Arora, Johnson School, Cornell University, Ithaca, NY. (Graduated Aug 2022)
- Chair, Doctoral Dissertation Committee for Xiaobo Ding, Johnson School, Cornell University, Ithaca, NY. (Graduated Aug 2021)
- Member, Doctoral Dissertation Committee for Xiaoyan Liu, Johnson School, Cornell University, Ithaca, NY. (Graduated Aug 2021)
- Member, Doctoral Dissertation Committee for Junhyun Bae, Johnson School, Cornell University, Ithaca, NY. (Graduated Aug 2020)

- Member, Doctoral Dissertation Committee for Dayoung Kim, Johnson School, Cornell University, Ithaca, NY. (Graduated Aug 2017)
- Chair, Doctoral Dissertation Committee for Jin Kyung Kwak, Johnson School, Cornell University, Ithaca, NY. (Graduated May 2012)
- Member, Doctoral Dissertation Committee for Masha Shunko, Tepper School of Business, Carnegie Mellon University, Pittsburgh, PA. (Graduated May 2011)
- Member, Doctoral Dissertation Committee for Andrew Manikas, School of Management, Georgia Institute of Technology, Atlanta, GA. (Graduated May 2008)
- Chair, Doctoral Dissertation Committee for Shu Zhou, Johnson School, Cornell University, Ithaca, NY. (Graduated August 2007)
- Member, Doctoral Dissertation Committee for Lucy G. Chen, Johnson School, Cornell University, Ithaca, NY. (Graduated August 2007)
- Member, Doctoral Dissertation Committee for Srinivas Telukunta, Sibley School of Mechanical and Aerospace Engineering, Cornell University, Ithaca, NY. (Graduated December 2005)
- Member, Doctoral Dissertation Committee for Adam Zhu, Industrial and Operations Engineering, University Of Michigan, Ann Arbor, MI. (Graduated November 2005)
- Member, Doctoral Dissertation Committee for Kevin Gaudette, Kelley School of Business, Indiana University, Bloomington, IN. (Graduated November 2003)

## **Honors and Awards**

- Outstanding Associate Editor Award, Decision Sciences Journal, 2018
- Finalist, Chan Hahn Best Paper Award, Academy of Management Conference, 2018
- Cornell Center for Hospitality Research Industry Relevance Award, 2017
- Finalist, Manufacturing & Service Operations Management Best Paper Award, 2016
- Finalist, Chan Hahn Best Paper Award, Academy of Management, 2015
- 2015 New York State Water Resources Institute Grant (\$22,500) for developing a Software System for Downloading, Organizing, and Analyzing Online Reviews of Water-Centric Recreation Areas in the Hudson River Watershed
- 2014 New York State Water Resources Institute Grant (\$21,600) for Computerized Content Analysis of Online Reviews of Water-Centric Entertainment Areas – An Application to the Hudson River Watershed.
- 2014 Emerging Markets Institute (EMI) Grant (\$4,000) for US-China Cross Cultural Study in Human Newsvendor Decisions.
- 2013 Meritorious Service Award from *Manufacturing & Service Operations Management*.
- 2013 Emerging Markets Institute (EMI) Grant (\$8,000) for Research on the Mining Industry in Peru.
- Emerson Professorship in Manufacturing Management, 2012-2015.
- 2012 Emerging Markets Institute (EMI) Grant (\$10,000) for Research on Water Usage in Indian Agriculture.
- 2009 Meritorious Service Award from *Management Science*.
- Grant (\$7,150) from the Jeffrey S. Lehman Fund for Scholarly Exchange with China.
- Small project grant (\$6,000) from The Institute for the Social Sciences at Cornell University.
- Clifford H. Whitcomb Faculty Fellowship for the year 2007-2008.

- Meritorious Service Award from *Operations Research* – 2002 and 2004.
- 1998 William W. Cooper Doctoral Dissertation Award from Carnegie Mellon University for the best dissertation in Management Science.
- Honorable mention in the MSOM student paper competition in Fall 96.
- Fellowship from Intel for the academic year 1995-96.
- William Larimer Mellon fellowship from Carnegie Mellon University for the years 1992-1995.
- National merit scholarship from The Government of India for the years 1980-1985.

### **Activities**

- Associate Editor, *Operations Research*
- Associate Editor (till 2018), *Manufacturing & Service Operations Management*
- Associate Editor, *Decision Sciences*
- Senior Editor (till 2021), *Production and Operations Management*
- Refereed papers for *Management Science*, *Operations Research*, *Manufacturing & Service Operations Management*, *The European Journal of Operational Research*, *IIE Transactions*, *Naval Research Logistics Quarterly*, *Decision Sciences*, and *Operations Research Letters*.
- Member, NSF review panel, December 2007, April 2009, and April 2014.
- Participant in the Inaugural Cornell Faculty Institute on Diversity.
- Faculty and Staff for Student Excellence (FASE) mentor for the years 2002-03, 2003-04, Indiana University.
- Kelley Scholar Mentor for the year 2003-04, Kelley School of Business, Indiana University.
- Member, Board of Directors, Bloomington Developmental Learning Center, 2003-04.
- Member of Phi Kappa Phi.
- Institute Sports Secretary for the year 1988-89, IIT-Madras, India.
- Member of the IIT Basketball team for the years 1985-1989, IIT-Madras, India.