

Curriculum Vitae Yao Zhao

Department of Supply Chain Management
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RESEARCH INTERESTS

Supply Chain Management, Analytics, Healthcare

EDUCATION

Northwestern University, Evanston, IL.
Ph. D., Industrial Engineering & Management Science, the McCormick School of Engineering 2002.
Thesis: *The Impact of Information Sharing on Supply Chain Performance*
Supervisor: David Simchi-Levi (MIT)

EXPERIENCE

Professor, Dept. of Supply Chain Management, Rutgers – the State University of New Jersey, July 2015 to present.
Associate Professor, Dept. of Supply Chain Management and Marketing Sciences, Rutgers, July 2008 to June 2015.
Assistant Professor, Dept. of Management Science and Information Systems, Rutgers, July 2002 to June 2008.
Visiting Professor, Fuqua School of Business, Duke University, 2005
Visiting Scholar, Operations Research Center, Massachusetts Institute of Technology, 2000-2001
Member, Rutgers Center for Operations Research (RUTCOR), 2004 to present
Fellow, Rutgers Center for Supply Chain Management, 2002 to present
Fellow, Rutgers Blanche & Irwin Lerner Center for Pharmaceutical Management Studies, 2007 to present

SELECTED PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Song, J.M., Y. Zhao. 2022. Supply Chain Coordination for E-Commerce: Risk Penalty vs. Flat Rate. *Manufacturing & Service Operations Management* **24** (2): 1110–1127.
2. Song, J.M., Y. Zhao, X. Xu. 2021. Incentives and Gaming in Collaborative Projects under the Risk Sharing Partnership. *Manufacturing & Service Operations Management* **23** (2): 453-470.
3. Mun, K.G., Y. Zhao, R. Rafique 2021. Designing Hydro Supply Chains for Energy, Food and Flood. *Manufacturing & Service Operations Management* **23** (2): 274-293. **ENRE Early-Career Best Paper Award**, INFORMS Conference, Seattle, WA, October 20-23, 2019. **Best theoretical research paper**, 22nd Asian Pacific Decision Science Institute (APDSI) Conference, Seoul,

- Republic of Korea. July 21-25, 2017.
4. Ninh, A., B. Melamed, Y. Zhao. 2020. Analysis and Optimization of Recruitment Stocking Problems. *Annals of Operations Research* **295**: 747–767.
 5. Shi, J., Y. Zhao, R.K. Kiwanuka, A. Chang. 2019. Optimal Selling Policies for Farmer Cooperatives. *Production and Operations Management* **28** (12): 3060-3080.
 6. Rafique, R., K.G. Mun, Y. Zhao. 2017. Designing Energy Supply Chains: Dynamic Models for Energy Security and Economic Prosperity. *Production and Operations Management* **26** (6): 1120–1141.
 7. Khan, A.J., R. Rafique, W. Zafar, C. Shah, B.G. Haffty, A. Jamshed, Y. Zhao. 2017. Nation-Scale Adoption of Shorter Breast Radiotherapy Schedules Can Increase Survival By Improving Access in Resource Constrained Economies: Results from a Markov Chain Analysis. *International Journal of Radiation Oncology, Biology, Physics* **97** (2): 287-295.
 8. Johnson, A., X. Xu, Y. Zhao. 2016. Transportation Planning and Scheduling for the 2014 Special Olympics Games. *Interfaces* **46** (3): 218 – 230.
 9. Zhao, Y., N. Liu, Y. Wang, K. T. Hickey. 2015. A Rolling-horizon Pharmacokinetic Pharmacodynamic model for warfarin inpatients in transient clinical states. *Personalized Medicine* **13**: 21-32.
 10. Fleischhacker, A., A. Ninh, Y. Zhao. 2014. Inventory Positioning in Clinical Trial Supply Chains. *Production and Operations Management* **24**: 991-1011.
 11. Shi, J., Y. Zhao. 2014. Component Commonality under No-Holdback Allocation Rules. *Operations Research Letters* **42**:409-413.
 12. Shi, J., Yue, X., Y. Zhao. 2014. Operations Sequencing for a Multi-stage Production Inventory System. *Naval Research Logistics* **61**: 144-154.
 13. Fleischhacker, A., Y. Zhao. 2013. Balancing Learning and Economies of Scale for Adaptive Clinical Trials. *Operations Research for Health Care* **2**: 42-51.
 14. Choi, S., A. Ruszczyński, Y. Zhao. 2011. A Multi-Product Risk Averse Newsvendor with Law-invariant Coherent Measures of Risk. *Operations Research* **59**: 346-364.
 15. Shi, J., Y. Zhao. 2010. Technical Note: Some Structural Results of Acyclic Supply Chains. *Naval Research Logistics* **57**: 605–613.
 16. Lu, Y., J.S. Song, Y. Zhao. 2010. Non-holdback Allocation Rules in Assemble-to-Order Systems. *Operations Research* **58**: 691-705.
 17. Zhang, X. L., Y. Zhao. 2010. The Impact of External Demand Information on Parallel Supply Chains with Interacting Demand. *Production and Operations Management* **19**: 463-479.
 18. Melamed, B., Y. Fan, Y. Zhao, Y. Wardi. 2010. IPA Derivatives for a Discrete Model of Make-to-Stock Production-Inventory Systems with Backorders. *Annals of Operations Research* **181**: 1-19.
 19. Xu, X., Y. Zhao. 2010. Price-only Contract and Backup Supply. *Operations Research Letters*, **38**: 201-206.
 20. Song, J.S., Y. Zhao. 2009. The Value of Component Commonality in a Dynamic Inventory System with Lead Times. *Manufacturing & Service Operations Management* **11**: 493-508.
 21. Zhao, Y. 2008. Evaluation and Optimization of Installation Base-Stock Policies in Supply Chains with Compound Poisson Demand. *Operations Research* **56**: 437-452.

22. Boros, A., L., Lei, Y. Zhao, H. Zhong. 2008. Scheduling Container Vessels with Conflicting Objectives. *Annals of Operations Research* **161**: 149-170.
23. Zhao, Y., B. Melamed. 2007. IPA Gradients for Make-to-Stock Production-Inventory Systems with Lost Sales. *IEEE Transactions on Automatic Control* **52**: 1491-1495.
24. Zhao, Y., D. Simchi-Levi. 2006. Performance Analysis and Evaluation of Assemble-to-Order Systems with Stochastic Sequential Lead-times. *Operations Research* **54**: 706-724.
25. Zhao, Y., B. Melamed. 2006. IPA Gradients for Make-to-Stock Production-Inventory Systems with Backorders. *Methodology and Computing in Applied Probability* **8**: 191-222.
26. Zhao, Y., M.N. Katehakis. 2006. On the Structure of Optimal Ordering Policy for Stochastic Inventory Systems with Minimum Order Quantity. *Probability in the Engineering and Informational Sciences* **20**: 257-270.
27. Simchi-Levi, D., Y. Zhao. 2005. Safety Stock Positioning in Supply Chains with Stochastic Lead-times. *Manufacturing & Service Operations Management* **7**: 295-318.
28. Simchi-Levi, D., Y. Zhao. 2004. The Value of Information Sharing in a Two-Stage Supply Chain with Production Capacity Constraint: The Infinite Horizon Case. *Probability in the Engineering and Informational Sciences* **18**: 247-274.
29. Simchi-Levi, D., Y. Zhao. 2003. The Value of Information Sharing in a Two-Stage Supply Chain with Production Capacity Constraint. *Naval Research Logistics* **50**: 888-916.

MEDIA & TEACHING RELATED

1. Song, J.M., A. Park, Y. Zhao. 2021. Hunger Chain: A Competitive Simulation for Teaching Supply Chain Management. *Decision Sciences Journal of Innovative Education* **19** (3): 204-213. 2021 Best DSJIE (Decision Sciences Journal of Innovation Education) Teaching Brief Award.
2. Zhao, Y. 2016. Risk Sharing in Joint Product Development – Lessons From 787 Dreamliner. *The European Business Review*, November – December Issue, pg. 78-84.
3. Melamed, B., A.J. Shenhar, V. Holzmann, Y. Zhao. 2016. The Challenge of Innovation in Highly Complex Projects – What Can We Learn from Boeing’s Dreamliner Experience? *Project Management Journal* **47** (2): 62–78.
4. Iacocca, K., Y. Zhao. 2015. Resell vs. Direct Models: US Branded Drug Distribution in the Future. *Pharmaceutical Executive*, July 12, 2015.
5. Zhao, Y. 2013. Model Management: Project-Driven Supply Chains – Integrating Supply Chain Planning with Project Management. *International Innovation*, May 2013, pg. 56-58.
6. Zhao, Y., A. Shenhar. 2011. Why 787 Slips Were Inevitable. *Aviation Week & Space Technology*, ViewPoint article, February 28, pg. 58.

BOOK / BOOK CHAPTERS

1. Zhao, Y. 2022. Supply Chain Analytics: Cases, Games and Solutions. Electronic Publishing. <https://yzhao12345.github.io/#book>
2. Zhao, Y. 2019. *Supply Chain Analytics. Essential of Business Analytics*. Sridhar Seshadri and Bhimasankaram Pochiraju (Eds.), Chapter 23. Springer SBM, New York.

3. Choi, S. C., J.M. Song, X. Xu, Y. Zhao. 2019. *Models of Channel Coordination*. In *Handbook of Research in Distribution Channels*. Charles A. Ingene, James R. Brown and Rajiv P. Dant (Eds.), Chapter 10. Edward Elgar Publishing.
4. DeCandia, L., L. Lei, R. Oppenheim, Y. Zhao. 2017 *Managing Supply Chain Operations*. World Scientific Publishing & Imperial College Press, Singapore.
5. Holzmann V., A. Shenhar, Y. Zhao, B. Melamed. 2016 *Cracking the Code of Megaproject Innovation: The Case of Boeing's 787*. In *The Oxford Handbook of Megaproject Management*, B. Flyvbjerg (Eds.), Chapter 20. Oxford University Press, London.

AWARDS & GRANTS

- 2019-2022 Dean's Research Professor, Rutgers Business School
- 2021 Best Decision Sciences Journal of Innovation Education (DSJIE) Teaching Brief awards.
- 2021 Rutgers Supply Chain Management Departmental Award on Teaching Innovation.
- 2021, 2011 Dean's Meritorious Research Award, Rutgers Business School
- ENRE Early-Career Best Paper Award, INFORMS Conference, Seattle, WA, October 20-23, 2019.
- Finalist – 2019 Instructional Innovation Award, Decision Science Institute.
- 2016 Dean's Meritorious Teaching Award, Rutgers Business School
- 1st Prize – INFORMS Case Competition 2014
- 2010 *M&SOM* Meritorious Service Award
- *Honorable Mention*, Manufacturing & Service Operations Management (*M&SOM*) Student Paper Competition 2001
- *Walter P. Murphy fellowship*, Northwestern University 1997

GRANTS

- *NSF EAGER* (2015-2016): Collaborative: IC Supply Chain Security and Quality Control in Business and Social Context
- *NSF CAREER AWARD* (2008-2013): Project-Driven Supply Chains (PDSCs) – Integrating Supply Chain Planning with Project Management (0747779)

INVITED TALKS

- Keynote @ Rutgers Digital Supply Chain and Supplier Diversity Conference (6/2022).
- Tutorial @ Production and Operations Management Annual Conference (4/2022).
- Rowan University ROHRER COLLEGE OF BUSINESS seminar, NJ (12/2021).
- City University of London, London, UK (10/2021)
- Dean's Research Seminar – Strome College of Business, Old Dominion University, VA (2/2021).
- Baruch College Department of Management, CUNY, NY (11/2018)
- IBM Watson Research Center, NY (10/2016)
- Anderson School of Management, University of California Riverside, CA (4/2016)

- Olin School of Business, Washington University in St. Louis, IL (4/2016)
- Fuqua School of Business, Duke University, NC (3/2016)
- Rutgers Energy Institute, Rutgers University, NJ (2/2015)
- Robert H. Smith School of Business, University of Maryland, MD (10/14)
- Alfred Lerner School of Business and Economics, University of Delaware, DE (9/14)
- Ross School of Business, University of Michigan, MI (2/14)
- MIT System Design Management, MA (12/13)
- IBM Watson Research Center, NY (11/13)
- Booth School of Business, University of Chicago, IL (10/13)
- MIT Operations Research Center, MA (9/13)
- IEMS, Northwestern University, IL (4/13)
- IEOR-DRO Distinguished seminar series, Columbia University, NY (3/13)
- Stern School of Business, New York University, NY (2/13)
- New York Presbyterian Hospital/Columbia University Medical Center, NY (1/13)
- W. P. Carey School of Business, Arizona State University, AZ (12/12)
- Management & Global Business, Rutgers Business School, NJ (10/12)
- International Society of Pharmaceutical Engineering, MD (6/12)
- Mailman School of Public Health, Columbia University, NY (5/10)
- Expeditors International, NJ (11/09)
- Chinese University of Hong Kong, SEEM, Hong Kong (7/09)
- Peking University, College of Engineering, Beijing, China (7/08)
- Chinese Academy of Science, Division of Mathematics and System Science, Beijing, China (7/08)
- Hong Kong City University, Dept. of Management Science, Hong Kong (6/08)
- Hong Kong University of Science and Technology, Logistics Dept., Hong Kong (6/08)
- Chinese University of Hong Kong, SEEM, Hong Kong (6/08)
- IBM Watson Research Center, NY (3/08)
- Drexel University, School of Business, PA (5/06)
- Stern School of Business, New York University, NY (4/06)
- Department of Industrial Engineering and Operations Research, North Carolina State University, NC (11/05)
- SAS Corporation, NC (11/05)
- Dept. of Operations Research, University of North Carolina at Chapel Hill, NC (10/05)
- Department of Civil and Environmental Engineering, MIT, MA (10/05)
- Fuqua School of Business, Duke University, NC (9/05)
- Management Science and Engineering, Stanford University, CA (1/02)
- Department of Industrial Engineering, University of Miami, FL (1/02)
- Management Science and Information Systems, Rutgers University, NJ (12/01)
- Sloan School of Management, MIT, MA (11/01)
- Kellogg School of Management, Northwestern University, IL (10/01)
- Industrial and Operations Engineering, University of Michigan, MI (3/01)
- Industrial, Welding and System Engineering, Ohio State University, OH (2/01)
- United Technology Research Center, CT (1/01)

CONFERENCE PRESENTATIONS

- INFORMS Conferences 2000 – 2019
- POMS Conferences 2018-2022
- DSI Conferences 2019-2021
- M&SOM Conferences 2005, 2007, 2009, 2012
- International Workshop on Applied Probability 2006
- The Winter Simulation Conference 2004

PhD STUDENT PLACEMENT

1. Olena Rudna, Ph.D. 2021. “Predicting Fashion Trends by Social Media Word of Mouth: The Twitter Analysis.” Lecturer, MT School of Management, New Jersey Institute of Technology, NJ.
2. Maryam Mahdikhani, Ph.D. 2020. “Essays on Retail Operations and The Recent Pandemic (COVID-19): Using Mathematical and Text-Mining Approaches.” Tenure-track assistant professor, College of Charleston, School of Business, SC.
3. Arim Park, Ph.D. 2019. “Designing Efficient Marketplaces for the Freight Services Industry.” Co-advised with Dr. Soohyun Cho. Tenure-track assistant professor, North Carolina A&T State University, NC.
4. Bonnie He Zhang, Ph.D. 2018. “Essays on Supply Chain Analytics.” Associate on Quantitative Financial Analysis, J. P. Morgan, New York City.
5. Irene Gerlovin, Ph.D. 2017. “Managing Supply Chain Risks in Government Acquisitions Programs – Success Factors and Lessons Learned from Fifth Generation Fighters.” Founder and Principal, New Line Services, Inc., NJ
6. Ju Myung Song, Ph.D. 2017. “Essays on Supply Chain Coordination and Optimization.” Tenure-track assistant professor, School of Global Innovation and Leadership, Lucas College and Graduate School of Business, San Jose State University, CA.
7. Kwon Gi Mun, Ph.D. 2016. “Designing Energy and Water Supply Chains for Prosperity.” Tenure-track assistant professor in Information Systems and Decision Sciences Department, Silberman College of Business, Fairleigh Dickinson University, NJ. ENRE Early-Career Best Paper Award, INFORMS Conference, Seattle, WA, October 20-23, 2019. Winner of the ENRE Early-Career Best Paper Award, INFORMS Conference, Seattle, WA, October 20-23, 2019.
8. Anh Ninh, Ph.D. 2015. “Selected Topics in Stochastic Optimization.” Tenure-track assistant professor in Operations Research at the College of William and Mary, VA.
9. Andrew Johnson, Ph.D. 2015. “Mission Critical Logistics – Transportation Planning and Service Parts Operations.” Tenure-track assistant professor in Marketing & Business Information Systems Department, Rohrer College of Business, Rowan University, NJ.
10. Raza Rafique, Ph.D. 2015. “Resolving the Energy Crisis in Pakistan – Location Models for Economic Growth and Finance.” Tenure-track assistant professor, Suleman Dawood School of Business, Lahore University of Management Sciences, Lahore, Pakistan.
11. Xin Xu, Ph.D. 2014. “Essays on the Interface between Supply Chain and Project Management.”

Senior Adviser in Quantitative Financial Services, Goldman Sachs, New York City.

12. Rose Karimi Kiwanuka, Ph.D. 2013. “Global Coffee Supply Chains: Improve Small Scale Farmers’ Income.” Africa Nazarene University, Nairobi, Kenya
13. Kathleen Iacocca, Ph.D. 2011. “Essays on Drug Distribution and Pricing Models”, Tenure-track assistant professor at the Kania School of Management, University of Scranton. Scranton, PA.
14. Adam Fleischhacker, Ph.D. 2009. “Supply Chain Management for Clinical Trials”, Tenured associate professor at the Alfred Lerner College of Business & Economics, University of Delaware. Newark, DE.
15. Ching-Yu Chen, Ph.D. 2008. “Essays on Supply Chain Inventory Management”, tenure-track assistant professor at the College of Management, Tunghai University, Taiwan

TEACHING INTERESTS

- MBA/MS/Undergrad: Supply Chain Analytics, Operations Analysis, Supply Chain Strategies, Business Statistics, Industry Client Projects.
- PhD: Inventory Management, Stochastic Processes and Dynamic Programming.

COURSES TAUGHT

Rutgers University

- PhD 26:799:685, “Inventory Models” (Average Quality: 4.67/5. Effectiveness: 4.67/5).
- MS CORE 22:799:585: “Supply Chain Analytics” (Quality: 4.5/5. Effectiveness: 4.5/5).
- MS/MBA CORE 22:799:650: “Industry Client Projects” (Quality: 4.33/5. Effectiveness: 4.4/5).
- MBA CORE 22:799:580, “Operations Analysis” Offline (Average Quality: 4.43/5. Effectiveness: 4.39/5).
- MBA CORE 22:799:580, “Operations Analysis” Online (Average Quality: 4.21/5. Effectiveness: 4.25/5).
- MBA SCM CORE 22:799:607, “Supply Chain Management Strategies” (Average Quality: 4.18/5. Effectiveness: 4.29/5)
- MS CORE 22:799:696, “Healthcare Services Management” (Average Quality: 4.29/5. Effectiveness: 4.43/5)
- Undergraduate. 22:623:340, “Business Research Method” (Average Quality: 4.62/5. Effectiveness: 4.49/5)

Northwestern University

- Undergraduate and Master for Engineering Management Program C201, “Introduction to Statistics”. Fall 2001.

EXECUTIVE EDUCATION

- China Business Executive Academy Dalian (Summer 2014). “Innovation and Global Operations”
- International Executive MBA (Beijing, China. Fall 2011). 22:960:523, “Business Statistics” (Quality: 4.25/5. Effectiveness: 4.19/5).
- Executive Certificate program (2004-2012). “Supply Chain Case Studies”
- Beijing Economy Commission (2004). “Supply Chain Management”
- Training for Port Newark Staff (2004). “Inventory Management”

TEACHING CASES

1. “Supply Chain Management Strategies – CRS Inc.” with Oduntan G. Bode. Summer 2007.
2. “ImportHome LLC – A B2C Small Business Model” with Lei Wang. Spring 2009.
3. “Yaka Pharmaceuticals: Drug Distribution Contracts” with Kathleen Martino. Spring 2009.
4. “Panda Express: Material Management” with Lily Yin and Suparna Bhaumik. Spring 2009.
5. “C&H Logistics.” Spring 2009.
6. “ICM Inc. – Construction Resource Management” with Mihirkumar Shah. Spring 2009.
7. “From Farm to Cup: The Coffee Supply Chain in Kenya” with Rose Karimi Kiwanuka. Spring 2010.
8. “CTR Clinical Research: Clinical Trial Supply Management” with Michael Guh, Yevgeniy Krol, Shivang Patel. Spring 2010.
9. “Build-to-Performance – Boeing 787 Dreamliner” with Xin Xu. Summer 2010.
10. “Influenza Pandemic – Just-In-Time vs. Just-In-Case Strategies.” Summer 2010.
11. “American Royal Financial – The Launch of Amrolife Return of Premium Term.” Fall 2010.
12. “Supply Chain Efficiency vs. Sustainability – Army Ammunition Industry Base.” Fall 2010.
13. “The Chocolate Factory – EOQ vs. EPC Models” with Vijay Hanagandi and Stephen Johanson. Spring 2011.
14. “VASTA Wireless – Push vs. Pull Distribution Strategies.” Spring 2011.
15. “TLJ Pharmacy – Sourcing Strategies.” Fall 2011.
16. “Pakistan Energy Crisis – Breaking the Vicious Cycle” with Raza Rafique. Fall 2011.
17. “Valentine’s Roses – Supply Chain Strategies.” Fall 2011.
18. “OXO International – Forecasting & Inventory Management.” Winter 2012.
19. “New Jersey Provision – A Small Food Distributor” with Yingnan Li. Summer 2012.
20. “Apple vs. Samsung: Competitive Supply Chain Collaboration” with Kwon Gi Mun and Raza Rafique. Spring 2014.
21. “Special Olympics – Transportation Planning and Scheduling” with Andrew Johnson. Summer 2014.
22. “Sony vs. Samsung: The Fall of Electronics Legends” with Kwon Gi Mun and Raza Rafique. Summer 2014.
23. “F35 Joint Strike Fighter – Supply Chain Project Management to the Rescue” with Irene Gerlovin. Spring 2015.

ONLINE TEACHING GAMES

- “Hunger Chain: A Competitive Simulation for Teaching Supply Chain Management” 2017. As of January, 2022, 370+ games were played by 1100+ student teams under the supervision of 50+ instructors from 20+ universities in North America, EU, Asia.
- “FloraPark Simulation: Beyond Beer Game – A Supply Chain Contracts and Collaboration Simulation” 2019. As of January, 2022, 78 games were played by 276 student teams under the supervision of 20+ instructors in half a dozen universities from around the world.

NEW COURSE DEVELOPMENT

- MBA/MS 22:799:585, “Supply Chain Analytics” Spring 2018.
- MBA/MS 22:799:696, “Healthcare Services Management”, Spring 2015.
- MBA/MS 22:799:586 “Healthcare Operations Analysis”, Spring 2017 / 18.
- Undergraduate 29:799:301, “Introduction to Supply Chain Management”.
- PhD 26:799:685, “Inventory Models”, 2008, 2010, 2012, 2014.

NEW PROGRAM / CURRICULUM DEVELOPMENT

- *Founding Co-director*: co-developed the program and curriculum for the Master of Science in Supply Chain Analytics; program started September 2017.
- *Founding Co-director*: co-developed the program and curriculum for the Master of Science in Healthcare Services Management; program started January 2017.

CONSULTING / INDUSTRY EXPERIENCE

- Robert Wood Johnson hospitals (2018): Forecasting ICU admissions and behavior center readmissions
- Xiao DingDang Tmall Store (2017): Pricing and promotion planning
- ZheJiang DAHUA Electronics Limited (2017): Inventory Management
- AdvanceScale (2016): Managing Demand and Service Vehicles
- Fannie Mae (2015): Proactive supply risk analytics
- Pakistan Ministry of Water and Power (2012 – 2016): Energy supply chain design
- Defense Logistics Agency and Navy (2013-2015): Diagnostics of spare part logistics and fulfillment analytics
- Johnson and Johnson (2012): Inventory rationing and product allocation
- Special Olympics 2014 USA Games (2012-2013): Transportation services planning and scheduling
- Verizon (2012): Supply chain inventory control
- MTA New York City Transit (2011-2012): Forecasting and inventory management
- Estee Lauder Companies (2001): Production and inventory control for new product launch
- General Motors (2000): Forecasting and inventory management of service parts

UNIVERSITY SERVICE

- *Co-director*. Supply Chain Analytics Laboratory. 2015-present
- *Co-director*. Masters of Science in Supply Chain Analytics. 2015-2016
- *Academic coordinator*. Ph.D. programs in supply chain management. 2010-present
- *Academic advisor*. Masters of Science in Healthcare Services Management. 2014-2016
- *Founding member*. The Joint Rutgers-Shanghai Jiao Tong University DBA program. 2013
- *Faculty Mentor*. The School of Arts and Sciences Honors Program. 2011-13
- *Committee member*. MBA curriculum, course of study committee. 2009
- *Core Courses Review committee*. Undergraduate programs. 2009-2011
- *Standing committee*. Undergraduate and MBA programs. 2008-2009
- *Standing committee*. Teaching Methods and Innovations. 2004-2005
- *Junior Faculty Research Award committee*. 2010-2011
- *Faculty recruiting committee*. 2008-present.
- *PhD admission committee*. 2007-present.

PROFESSIONAL ACTIVITIES

- *Founder and organizer*: Online Doctoral Workshop for Supply Chain Analytics 2020-2022.
Objective: help PhD students and junior faculty with their career development. Annually attracted 600-800 PhD students and junior faculty in the areas of management science, operations research, operations management, supply chain management, and decision sciences from 100+ universities in 40+ countries.
- *Associate Editor*. Operations Research 2012-2018
- *Associate Editor*. Manufacturing & Service Operations Management 2011-2014
- *Reviewer*. Multi-Echelon Conference 2006, M&SOM conference 2009, 2011, 2012
- *Judge*. M&SOM Student Paper Competition 2008-2015
- *Committee*. IIE Pritsker Doctoral Dissertation Award 2014-15
- *Panelist*. NSF CMMI 2009, 2010, 2013
- *President*. INFORMS New Jersey Chapter 2006-2007