

EMPLOYMENT

SC Johnson College of Business, Cornell University

Visiting Associate Professor

Fall 2025

Naveen Jindal School of Management, The University of Texas at Dallas

Associate Professor

2020 – present

Assistant Professor

2014 – 2020

Sydney Smith Hicks Faculty Fellow

2018 – 2020

EDUCATION

University of Michigan

2014

Ph.D. in Technology & Operations, Stephen M. Ross School of Business

Tsinghua University

2008

B.S. in Engineering (with distinction), School of Information Science and Technology

B.S. in Economics, School of Economics and Management

RESEARCH

Journal Papers

1. “Stability of procurement networks,” with Khai Chiong, 2025; forthcoming in *Manufacturing & Service Operations Management*.
2. “Human decision-making in dynamic resource allocation,” with Damian Beil, Izak Duenyas, Steve Leider, and Jiawei Li, 2025; forthcoming in *Management Science*.
3. “Behavioral externalities of process automation,” with Ruth Beer and Ignacio Rios, 2024; forthcoming in *Management Science*.
4. “To communicate or not? Inter-firm communication in collaborative projects,” with Ruth Beer, 2024. *Management Science*, 70(5): 3225 – 3244.
5. “Dynamic pricing and learning with discounting,” with Milind Dawande, Zhichao Feng, and Ganesh Janakiraman, 2023. *Operations Research*, 72(2): 481 – 492.
6. “An asymptotically tight learning algorithm for mobile-promotion platforms,” with Milind Dawande, Zhichao Feng, and Ganesh Janakiraman, 2023. *Management Science*, 69(3): 1536 – 1554.
7. “Procurement for assembly under asymmetric information: Theory and evidence,” with Andrew Davis, Bin Hu, and Kyle Hyndman, 2022. *Management Science*, 68(4): 2694 – 2713.
8. “Supplier centrality and auditing priority in socially responsible supply chains,” with Jiayu Chen and Milind Dawande, 2020. *Manufacturing & Service Operations Management*, 22(6): 1199 – 1214.
 - Honorable Mention, POMS College of Sustainable Operations 2019 Best Student Paper Competition (entrant: Jiayu Chen).

9. "To share or not to share? Capacity reservation in a shared supplier," with Hyun-Soo Ahn and Amitabh Sinha, 2019. *Production and Operations Management*, 28(11): 2823 – 2840.
10. "Optimal incentive contracts in project management," with Milind Dawande, Ganesh Janakiraman, and Qi Wu, 2019. *Production and Operations Management*, 28(6): 1431 – 1445.
11. "Optimal procurement mechanisms for assembly," with Bin Hu, 2018. *Manufacturing & Service Operations Management*, 20(4): 655 – 666.
12. "Capacity investment with demand learning," with Hyun-Soo Ahn and Amitabh Sinha, 2017. *Operations Research*, 65(1): 145 – 164.
 - Finalist, 2013 M&SOM student paper competition.
 - Extended abstract published in *Manufacturing & Service Operations Management*, 16(1): 161 – 164.
13. "Investing in a shared supplier in a competitive market: Stochastic capacity case," with Hyun-Soo Ahn and Amitabh Sinha, 2015. *Production and Operations Management*, 24(10): 1537 – 1551.
 - Finalist, 2012 POMS College of SCM student paper competition.

Invited Book Chapters

14. "Auditing, inspections, and testing for social responsibility in supply networks," with Milind Dawande, 2020. Swaminathan, J, Deshpande, V, eds. *Responsible Business Operations*, Springer Series in Supply Chain Management 10, (Springer Nature Switzerland AG, Switzerland), 243 – 259.

Completed Papers

Social Responsibility and Sustainability

15. "Combating excessive overtime in a global supply chain," with Jiayu Chen and Chuanya Jiao, 2025.
 - Finalist, 2022 INFORMS PSOR Best Paper Competition.
 - Third place, 2022 ISCOM Best Paper Award.
16. "Greenwashing under competition," with Soraya Fatehi, Liqun Wei, and Jianxiong Zhang, 2025.
17. "Disability-inclusive workforce planning," with Chen Hu and Yongbo Xiao, 2025.

Capacity Management and Resource Allocation

18. "Capacity and pricing management with demand learning," with Jian Chen, Zechao Li, and Yining Wang, 2025.
19. "Service systems with on-demand and reserved servers," with Milind Dawande, Zhichao Feng, and Ganesh Janakiraman, 2025.
20. "Online learning and capacity management in cloud-cost optimization," with Milind Dawande, Zhichao Feng, and Ganesh Janakiraman, 2025.
21. "Expanding into on-demand markets with 'Airbnb of Warehousing'," with Soraya Fatehi, 2024.
 - Selected for presentation at MSOM Supply Chain SIG 2023.

Procurement Mechanism and Contract Design

22. "Startup contracting and entrepreneur-investor bargaining," with Kyle Hyndman and Evgeny Kagan, 2024.
 - Selected for presentation at MSOM TIE SIG 2023.
23. "Top or regular influencer? Contracting in live-streaming platform selling," with Liqun Wei, Suresh

Collaborative Projects

24. "Coordination for assembly," with Elena Katok, Sina Shokoohyar, and Wen Zhang, 2024.
25. "Team building and incentive design in collaborative projects," with Ruth Beer and Ignacio Rios, 2024.
26. "Designing effective fundraising campaigns: The role of incentives and solicitation mechanisms," with Ignacio Rios and Primit Ghosh, 2025.
27. "Why the best machine may not be best: Incentivizing human-machine collaboration," with Xiaotong Guan and Shouqiang Wang, 2025.

TEACHING (instructor evaluations in parentheses on the rating scale of 5.0)

Naveen Jindal School of Management, the University of Texas at Dallas

Course Instructor

OPRE 3360: Managerial methods in decision making under uncertainty (4.9, 4.9)	2025
OPRE 3310: Operations management (4.9)	2024
OPRE 3360: Managerial methods in decision making under uncertainty (5.0)	2024
OPRE 3310: Operations management (4.9, 4.9)	2023
OPRE 3360: Managerial methods in decision making under uncertainty (4.8)	2023
OPRE 3360: Managerial methods in decision making under uncertainty (5.0)	2022
OPRE 3310: Operations management (4.9)	2022
OPRE 3360: Managerial methods in decision making under uncertainty (4.9)	2021
OPRE 3310: Operations management (4.8, 4.9)	2021
OPRE 3310: Operations management (4.9, 5.0)	2020
OPRE 6301: Statistics and data analysis (5.0)	2020
OPRE 3360: Managerial methods in decision making under uncertainty (4.9, 4.9)	2019
OPRE 3360: Managerial methods in decision making under uncertainty (4.9, 5.0, 5.0)	2018
OPRE 3310: Operations management (4.9, 4.9)	2017
OPRE 3360: Managerial methods in decision making under uncertainty (5.0)	2017
OPRE 3310: Operations management (5.0, 5.0)	2016
OPRE 3360: Managerial methods in decision making under uncertainty (5.0)	2016
OPRE 3310: Operations management (4.8, 5.0)	2015
OPRE 3360: Managerial methods in decision making under uncertainty (5.0)	2015
OPRE 3360: Managerial methods in decision making under uncertainty (4.9, 4.9)	2014

Doctoral Dissertation Committee (*indicates my role as a committee co-chair)

*Pramit Ghosh	2026
*Jiayu Chen (Current Job: Assistant Professor at University of Oklahoma)	2020
*Sina Shokoohyar (Current Job: Assistant Professor at Seton Hall University)	2018
Haokun Du (First Placement: Assistant Professor at University of Auckland)	2025
Goutham Takasi (First Placement: Assistant Professor at University of Alabama)	2024
Arun Kumar Rout (First Placement: Assistant Professor at University at Buffalo)	2024

Zihao Qu (First Placement: Assistant Professor at University of Massachusetts Amherst)	2024
Lingling Shi (Current Job: Assistant Professor at McMaster University)	2022
Duc Vu (First Placement: Assistant Professor at University of Michigan-Flint)	2022
Zhichao Feng (Current Job: Assistant Professor at Hong Kong Polytechnic University)	2020
Xi Shan (First Placement: Visiting Assistant Professor at Boston College)	2019
Harish Guda (First Placement: Assistant Professor at Arizona State University)	2019
Yang Bo (First Placement: Assistant Professor at CUHK)	2017
Emre Ertan (First Placement: Research Scientist at Amazon)	2017

Stephen M. Ross School of Business, University of Michigan

OMS 311: Operations management (5.0)	2011
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HONORS

<i>Management Science</i> Meritorious Service Award	2024
<i>Management Science</i> Distinguished Service Award	2023
2022 M&SOM Meritorious Service Award	2023
<i>Management Science</i> Meritorious Service Award	2022
2021 M&SOM Meritorious Service Award	2022
<i>Management Science</i> Distinguished Service Award	2021
2020 M&SOM Meritorious Service Award	2021
Sydney Smith Hicks Faculty Fellow	2018 – 2020
<i>Management Science</i> Distinguished Service Award	2020
2019 M&SOM Meritorious Service Award	2020
<i>Management Science</i> Distinguished Service Award	2018
2018 M&SOM Meritorious Service Award	2019
2017 M&SOM Meritorious Service Award	2018
OMEGA Best Reviewer	2018
Outstanding Undergraduate Teacher of the Year, JSOM, UT Dallas	2015 – 2016
Finalist in M&SOM Student Paper Competition	2013
INFORMS Future Academician Colloquium, Minneapolis, MN	2013
Finalist in POMS College of Supply Chain Management Student Paper Competition	2012
Richter Fellowship, Ross School of Business, University of Michigan	2012 – 2014
Neary Fellowship, Ross School of Business, University of Michigan	2013
Stark Fellowship, Ross School of Business, University of Michigan	2012
Dykstra Fellowship, Ross School of Business, University of Michigan	2011 – 2012
Leabo Memorial Scholarship, University of Michigan	2010
Ross Business School Fellowship, University of Michigan	2008 – 2012
Outstanding Student Fellowship, Tsinghua University	2004 – 2007

SELECTED INVITED TALKS

“Combating excessive overtime in global supply chains”	
Georgia Tech	2024
University of Connecticut	2024
Temple University	2023
“Auditing in socially responsible supply chains”	
Hong Kong Polytechnic University	2022

“An asymptotically tight learning algorithm in mobile-promotion platform”	
University of Washington	2023
University of Utah	2022
Washington University in St Louis	2022
Peking University	2022
Renmin University of China	2022
Tsinghua University	2022
Wilfrid Laurier University	2022
Shanghai University of Finance and Economics	2022
Shanghai Jiao Tong University	2022
Tongji University	2022
Fudan University	2021
“Supplier centrality and auditing priority in socially responsible supply chains”	
Tianjin University	2021
“Procurement for assembly under asymmetric information: Theory and evidence”	
Cornell University	2019
Duke University	2019
Indiana University	2019
Johns Hopkins University	2019
Southern Methodist University	2019
“To share or not to share? Capacity investments in a shared supplier”	
University of Texas at Dallas	2014
“Capacity investment with demand learning”	
University of Rochester	2014
University College London	2014
University of Texas at Dallas	2014
London School of Economics and Political Science	2013
University of Alabama	2013
“Capacity management: Intra-firm and inter-firm perspectives”	
University of Toledo	2013

CONFERENCE PRESENTATIONS

“M/M/s On-Demand: Queues with On-Demand and Reserved Servers”	
M&SOM, Minneapolis, MN	2024
“Behavioral externalities of process automation”	
INFORMS, Phoenix, AZ.	2023
ESA, Seoul, Korea (online)	2023
“Combating excessive overtime in a global supply chain”	
INFORMS, Phoenix, AZ.	2023
CSAMSE, Shenzhen, China.	2023
MSOM, Montreal, Quebec, Canada.	2023
INFORMS, Indianapolis, IN.	2022
“Venture deals: Sources of leverage in entrepreneur-investor bargaining”	
M&SOM TIE SIG, Montreal, Quebec, Canada.	2023

INFORMS, Indianapolis, IN.	2022
“Top or regular influencer? Contracting strategies in live-streaming platform selling”	
INFORMS, Anaheim, CA.	2021
“Optimal incentive contracts in project management”	
INFORMS, Phoenix, AZ.	2018
POMS-HK, Hong Kong, China.	2018
“Supplier centrality and auditing priority in socially responsible supply chains”	
M&SOM, Chapel Hill, NC.	2017
“Optimal procurement mechanisms for assembly”	
POMS-HK, Hong Kong, China.	2017
M&SOM, Auckland, New Zealand.	2016
“Project management under risk-sharing contracts”	
M&SOM, Auckland, New Zealand.	2016
“Capacity investment with demand learning”	
POMS, Orlando, FL.	2016
INFORMS, Philadelphia, PA.	2015
POMS, Washington D.C.	2015
INFORMS, Minneapolis, MN.	2013
M&SOM, Fontainebleau, France.	2013
INFORMS, Phoenix, AZ.	2012
M&SOM, New York, NY.	2012
“Investing in a shared supplier in a competitive market: Stochastic capacity case”	
POMS-HK, Guangzhou, China.	2015
INFORMS, San Francisco, CA.	2014
“To share or not to share? Capacity investments in a shared supplier”	
POMS, Orlando, FL.	2016
INFORMS, Minneapolis, MN.	2013
INFORMS, Phoenix, AZ.	2012
“Investing in a shared supplier in a competitive market”	
TADC, London, UK.	2012
POMS, Chicago, IL.	2012
INFORMS, Charlotte, NC.	2011
OCSAMSE, Tianjin, China.	2011
M&SOM, Ann Arbor, MI.	2011

SERVICE

External Service for the Academic Community

Journal Service	Associate Editor, <i>Management Science</i>	2025 – present
	Associate Editor, <i>Manufacturing & Service Operations Management</i>	2024 – present
	Senior Editor, <i>Production and Operations Management</i>	2019 – present
	Associate Editor, <i>Decision Sciences</i>	2022 – present
	Department Editor, <i>Journal of Systems Science and Systems Engineering</i>	2025 – present
	Guest Associate Editor, <i>Management Science</i>	2024 – 2025

Community Officer	Chair, MSOM Society Supply Chain Management SIG	2025 – 2027
Referee Service	<i>Management Science, Operations Research, Manufacturing & Service Operations Management, Production and Operations Management, Strategic Management Journal, Naval Research Logistics, IIE Transactions, Omega, International Transactions in Operations Research, Economic Inquiry</i> M&SOM Supply Chain Management SIG (2017, 2018, 2019, 2020, 2022, 2023) M&SOM Sustainable Operations SIG (2020, 2021) M&SOM Technology, Innovation, and Entrepreneurship SIG (2023, 2025)	
Reviewer	Research Grants Council (RGC) of Hong Kong	2022 – 2023 2018 – 2020
Judge	M&SOM Best Student Paper Competition POMS College of SCM Student Paper Competition POMS College of Behavior in OM Junior Scholar Paper Competition BOM Best Working Paper Competition INFORMS TIMES Best Working Paper Competition CSAMSE Best Paper Competition INFORMS PSOR Best Paper Award	2017 – 2025 2020 2020, 2022 – 2025 2016, 2020, 2021, 2023 2020 – 2025 2021 – 2024 2021
Conference Organizer	BOM Annual Conference Organizing Committee M&SOM Annual Conference Organizing Committee Co-Chair, M&SOM Supply Chain Management SIG, Minneapolis, MN Track Chair, POMS Annual Meeting, Atlanta, GA Track Chair, POMS Annual Meeting, Orlando, FL Cluster Chair, INFORMS Annual Meeting, Phoenix, AZ Cluster Chair, INFORMS Annual Meeting, Phoenix, AZ Session Chair, INFORMS Annual Meeting, Phoenix, AZ Session Chair, POMS-HK International Conference, Hong Kong, China Session Chair, INFORMS Annual Meeting, Nashville, TN Session Chair, POMS-HK International Conference, Guangzhou, China Session Chair, INFORMS Annual Meeting, Minneapolis, MN Session Chair, INFORMS Annual Meeting, Phoenix, AZ Session Chair, POMS Annual Meeting, Chicago, IL	2018 2018 2024 2025 2023 2023 2018 2018 2017 2016 2014 2013 2012 2012
Panelist	DSI Annual Conference, Orlando, FL INFORMS Doctoral Student Colloquium, Seattle, WA POMS College of SCM Mini Conference, Orlando, FL INFORMS Doctoral Student Colloquium, Nashville, TN	2025 2024 2023 2016

Internal Service for UT Dallas

PhD Area Coordinator, Operations Management	2024 – present
OM Area Faculty Recruiting Committee	multiple times
JSOM Scholarship – Ph.D. Committee	2024 – present
JSOM Research and Doctoral Programs Committee	2024 – present
JSOM Undergrad Research Committee	2023 – present

University Teaching Effectiveness Committee	2022 – 2023
University High-Performance Computing Taskforce	2023
Course Coordinator for OPRE 3310	2019 – 2024
Faculty mentor for MS/BS SCM students	2014 – 2023
JSOM Master Program Committee	2022 – 2024
JSOM Teaching Committee	2016 – 2021
JSOM IT Committee	2014 – 2016
OM Area PhD Admission Committee	multiple times
Tenure Promotion Committee	2024
Mid-Probationary Review Committee	multiple times
Judge of SCLC Internal Case Competition	2016
Capstone Project Committee	2016
