

# BIN HU (胡斌)

Naveen Jindal School of Management  
University of Texas at Dallas  
800 W Campbell Rd  
Richardson, TX 75080, USA

JSOM 3.414  
+1-972-883-2736  
[bin.hu@utdallas.edu](mailto:bin.hu@utdallas.edu)  
[www.utdallas.edu/~bin.hu](http://www.utdallas.edu/~bin.hu)

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## PROFESSIONAL

### *Naveen Jindal School of Management, University of Texas at Dallas*

- Associate Professor, Operations Management 2018-present

### *Kenan-Flagler Business School, University of North Carolina at Chapel Hill*

- Assistant Professor, Operations 2011-2018

### *DTE Energy Trading Inc.*

- Quantitative Analyst Intern Fall 2008

### *Ross School of Business, University of Michigan*

- Research Assistant, Teaching Assistant 2006-2011

### *Department of Industrial & Systems Engineering, University of Minnesota*

- Teaching Assistant 2005-2006

## EDUCATION

### *Ross School of Business, University of Michigan*

- Ph.D. in Business Administration Aug 2011

### *School of Mathematical Sciences, Peking University*

- B.S. in Mathematics Sep 2005

## HONORS

*Meritorious Service Award, Manufacturing & Service Operations Management* 2018-2020

*Outstanding Senior Editor, Production and Operations Management* May 2018

*ProQuest Distinguished Dissertation Award, University of Michigan* Apr 2012

*Charles H. Gessner Fellowship, University of Michigan* Mar 2011

*Outstanding Freshman Scholarship, Peking University* Sep 2001

# RESEARCH

## **Research interests**

*Sourcing and procurement, supply chain management, innovative operations*

## **Published/forthcoming papers**

1. Bin Hu, Zhankun Sun. 2020. Managing self-replicating innovative goods. Forthcoming at *Management Science*.
2. Bin Hu, Ming Hu, Han Zhu. 2020. Surge pricing and two-sided temporal responses in ride-hailing. Forthcoming at *Manufacturing & Service Operations Management*.
3. Bin Hu, Yunke Mai, Saša Pekeč. 2020. Managing innovation spillover in outsourcing. *Production and Operations Management* 29(10) 2252-2267.
4. Adem Orsdemir, Bin Hu, Vinayak Deshpande. 2019. Ensuring corporate social and environmental responsibility through vertical integration and horizontal sourcing. *Manufacturing & Service Operations Management* 21(2) 251-477.
5. Bin Hu, Anyan Qi. 2018. Optimal procurement mechanisms for assembly. *Manufacturing & Service Operations Management* 20(4) 655-666.
6. Li Chen, Bin Hu. 2017. Is reshoring better than offshoring? The effect of offshore supply dependence. *Manufacturing & Service Operations Management* 19(2) 166-184.  
– M&SOM Featured Article
7. Bin Hu, Ming Hu, Yi Yang. 2017. Open or closed? Technology sharing, supplier investment, and competition. *Manufacturing & Service Operations Management* 19(1) 132-149.
8. Bin Hu, Dimitris Kostamis. 2014. Managing supply disruptions when sourcing from reliable and unreliable suppliers. *Production and Operations Management* 24(5) 808-820.
9. Izak Duenyas, Bin Hu, Damian Beil. 2013. Simple auctions for supply contracts. *Management Science* 59(10) 2332-2342.
10. Bin Hu, Damian Beil, Izak Duenyas. 2013. Price-quoting strategies of an upstream supplier. *Management Science* 59(9) 2093-2110.
11. Bin Hu, Izak Duenyas, Damian Beil. 2013. Does pooling purchases lead to higher profits? *Management Science* 59(7) 1576-1593.
12. Bin Hu, Saif Benjaafar. 2009. Partitioning of servers in queueing systems during rush hour. *Manufacturing & Service Operations Management* 11(3) 416-428.

## **Working papers**

13. Zheng Han, Bin Hu, Milind Dawande. Curbing emissions: environmental regulations and product offerings across markets. 1<sup>st</sup> review at *Management Science*.
14. Chuanya Jiao, Bin Hu. Showrooming, webrooming, and operational strategies for competitiveness. 1<sup>st</sup> review at *Management Science*.
15. Andrew Davis, Anyan Qi, Kyle Hyndman, Bin Hu. Procurement for Assembly under Asymmetric Information: Theory and Evidence. 4<sup>th</sup> review at *Management Science*.
16. Liying Mu, Bin Hu, A Amarender Reddy, Srinagesh Gavirneni. Negotiating G2G contracts for

- India's pulses importing. 1<sup>st</sup> revision at *Manufacturing & Service Operations Management*.
17. Yunke Mai, Bin Hu, Saša Pekeč. Courteous or Crude? Managing User Conduct to Improve On-Demand Service Platform Performance. Reject and resubmit at *Management Science*.
- Second Place, 2018 IBM Best Student Paper Award for Service Science

***Papers in preparation***

***Invited research seminar/webinar presentations***

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| 1. University of Minnesota at Twin Cities, Carlson School of Management          | 2020 |
| 2. City University of Hong Kong, College of Business                             | 2020 |
| 3. Peking University, Guanghua School of Management                              | 2020 |
| 4. Shanghai University of Finance and Economics, College of Business             | 2020 |
| 5. Shanghai Jiao Tong University, Antai College of Economics and Management      | 2020 |
| 6. University of Science and Technology of China, School of Management           | 2019 |
| 7. University of Texas at Dallas, Department of Mathematics                      | 2018 |
| 8. University of Illinois at Chicago, College of Business Administration         | 2018 |
| 9. Temple University, Fox School of Business                                     | 2018 |
| 10. University of California Riverside, School of Business                       | 2018 |
| 11. Pennsylvania State University, Smeal College of Business                     | 2018 |
| 12. University of Texas at Dallas, Naveen Jindal School of Management            | 2018 |
| 13. University of Colorado Boulder, Leeds School of Business                     | 2017 |
| 14. Purdue University, Krannert School of Management                             | 2017 |
| 15. University of Utah, David Eccles School of Business                          | 2017 |
| 16. South China University of Technology, School of Business Administration      | 2017 |
| 17. Washington University in St. Louis, Olin Business School                     | 2017 |
| 18. University of Toronto, Rotman School of Management                           | 2016 |
| 19. University of Southern California, Marshall School of Business               | 2016 |
| 20. University of California at San Diego, Rady School of Management             | 2016 |
| 21. University of Texas at Dallas, Naveen Jindal School of Management            | 2016 |
| 22. University of Delaware, Alfred Lerner College of Business and Economics      | 2016 |
| 23. University of North Carolina Chapel Hill, Statistics and Operations Research | 2016 |
| 24. Cornell University, Samuel Curtis Johnson Graduate School of Management      | 2016 |
| 25. Georgetown University, McDonough School of Business                          | 2016 |
| 26. University of North Carolina Chapel Hill, Statistics and Operations Research | 2014 |
| 27. Duke University, Fuqua School of Business                                    | 2014 |
| 28. New York University, Stern School of Business                                | 2011 |
| 29. University of North Carolina Chapel Hill, Kenan-Flagler Business School      | 2011 |
| 30. University of Chicago, Booth School of Business                              | 2011 |
| 31. Cornell University, Samuel Curtis Johnson Graduate School of Management      | 2010 |
| 32. Dartmouth College, Tuck School of Business                                   | 2010 |
| 33. George Washington University, School of Business                             | 2010 |
| 34. University of Kansas, School of Business                                     | 2010 |

### **Conference presentations**

- “Curbing emissions: environmental regulations and product offerings across markets”
  - *INFORMS 2020* (online)
- “Managing self-replicating innovative goods”
  - *INFORMS 2019* (Seattle, WA)
  - *CSAMSE 2019* (Chengdu, China)
  - *MSOM 2019* (peer-reviewed, Singapore)
  - *POMS 2019* (Washington, DC)
  - *INFORMS 2018* (Phoenix, AZ)
  - *MSOM 2018* (peer-reviewed, Dallas, TX)
  - *POMS 2018* (Houston, TX)
- “Surge pricing and two-sided temporal responses in ride-hailing”
  - *CSAMSE 2019* (Chengdu, China)
  - *MSOM 2019* (peer-reviewed, Singapore)
  - *POMS 2019* (Washington, DC)
  - *INFORMS 2018* (Phoenix, AZ)
  - *POMS 2018* (Houston, TX)
  - *INFORMS 2017* (Houston, TX)
- “Negotiating G2G Contracts for India’s Pulses Importing”
  - *INFORMS 2020* (online)
  - *POMS 2019* (Washington, DC)
  - *POMS 2018* (Houston, TX)
  - *INFORMS 2017* (Houston, TX)
- “Managing innovation spillover in sourcing”
  - *MSOM 2016* (peer-reviewed, Auckland, New Zealand)
- “Optimal procurement mechanisms for assembly”
  - *CSAMSE 2017* (Guangzhou, China)
  - *INFORMS 2016* (Nashville, TN)
  - *POMS 2016* (Orlando, FL)
  - *INFORMS 2015* (Philadelphia, PA)
- “Ensuring corporate social and environmental responsibility through vertical integration and horizontal sourcing”
  - *MSOM 2016* (peer-reviewed, Auckland, New Zealand)
  - *MSOM 2015* (peer-reviewed, Toronto, Canada)
- “Open or closed? Technology sharing, supplier investment, and competition”
  - *MSOM 2016* (peer-reviewed, Auckland, New Zealand)
  - *POMS 2016* (Orlando, FL)
  - *INFORMS 2015* (Philadelphia, PA)
  - *POMS 2015* (Washington, DC)
- “Is reshoring better than offshoring? The effect of offshore supply dependence”
  - *INFORMS 2016* (Nashville, TN)

- MSOM 2016 (peer-reviewed, Auckland, New Zealand)
- POMS 2016 (Orlando, FL)
- INFORMS 2015 (Philadelphia, PA)
- MSOM 2015 (peer-reviewed, Toronto, Canada)
- POMS 2015 (Washington, DC)
- POMS-HK 2015 (Guangzhou, China)
- INFORMS 2014 (San Francisco, GA)
- “Dynamic production capacity management with price skimming”
  - MSOM 2014 (peer-reviewed, Seattle, WA)
  - POMS 2014 (Atlanta, GA)
- “Managing supply disruptions via multiple sourcing when output affects market price”
  - INFORMS 2013 (Minneapolis, MN)
  - MSOM 2013 (peer-reviewed, Fontainebleau, France)
  - POMS 2013 (Denver, CO)
- “Simple supply auctions”
  - INFORMS 2011 (Charlotte, NC)
  - MSOM 2011 (peer-reviewed, Ann Arbor, MI)
- “Strategic price quotation by a tier-two supplier”
  - MSOM 2011 (peer-reviewed, Ann Arbor, MI)
  - MSOM 2010 (peer-reviewed, Haifa, Israel)
  - INFORMS 2010 (Austin, TX)
  - INFORMS 2009 (San Diego, CA)
- “Does pooling component demands when sourcing lead to higher profits?”
  - POM 2012 (Chicago, IL)
  - INFORMS 2008 (Washington, DC)
- “Server partitioning in queueing systems during rush hour”
  - INFORMS 2008 (Washington, DC)

## TEACHING

### *Teaching interests*

*Strategic sourcing, supply chain management, innovative operations, business analytics*

### ***Naveen Jindal School of Management, University of Texas at Dallas***

- OPRE4340 *Purchasing and Supply Management*, BS SCM core 2019-present
- OPRE6371 *Purchasing, Sourcing and Contract Management*, MS SCM core 2018-present

### ***Kenan-Flagler Business School, University of North Carolina at Chapel Hill***

- MBA717 *Strategic Sourcing*, MBA elective 2016-2018
- MBA700B *Analytical Tools II*, UNC-Tsinghua EMBA 2013-2017
- BUSI410 *Business Analytics*, BSBA core 2011-2017
- MBA700 *Analytical Tools*, MBA core 2014

**Ross School of Business, University of Michigan**

- OMS311 Operations Management, BBA core
- Graduate Teacher Certificate

Winter 2009  
Dec 2009

**SERVICES**

**Editorial**

- Associate Editor, *Naval Research Logistics* 2019-present
- Senior Editor, *Production and Operations Management* 2014-present
- Ad hoc reviewer, *Management Science, Operations Research, Manufacturing & Service Operations Management, Production and Operations Management, European Journal of Operational Research, Asia-Pacific Journal of Operational Research, Decision Support Systems, Decision Sciences, Naval Research Logistics, Operations Research Letters, IIE Transactions, Economic Inquiry*

**Discipline**

- Track co-chair, Emerging Topics in OM, POMS Conference 2019
- Organizing committee, MSOM Conference 2017
- Co-chair, MSOM Supply Chain Management SIG Conference 2017
- Judge, M&SOM Student Paper Competition 2017
- Judge, POMS College of SCM Student Paper Competition 2017-2018

**University of Texas at Dallas**

- Doctoral Dissertation Committee: Lingling Shi (2021), Wen Zhang (2020), Yunke Mai (2019)

**University of North Carolina at Chapel Hill**

- Organizing committee, UNC Emerging Topics and Methods Workshop 2016
- Doctoral Dissertation Committee: Mustafa Kabul (2016), Adem Orsdemir (2014), Gang Wang (2014)
- Undergraduate Honors Thesis Committee: Frank Silva (2016), Erin Rowe (2013)

**Practitioner**

- Panel moderator, ProcureCon MRO (Fort Worth, TX) 2018
- Panelist, Global Trade Global Trade-Offs Conference (Chapel Hill, NC) 2016