

# Honggang Hu

Advanced Institute of Business ◊ School of Economics and Management ◊ Tongji University  
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## EMPLOYMENT

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**Assistant Professor** of Operations Management *Oct 2022 - present*  
*Advanced Institute of Business, Tongji University* *Shanghai, China*

**Instructor** of Information Systems and Operations Management *Fall 2020 - Spring 2022*  
*Warrington College of Business, University of Florida*

## EDUCATION

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**University of Florida** *Aug 2017 - Aug 2022*  
*Ph.D. in Operations Management* *Gainesville, FL*

**College of William and Mary** *Aug 2015 - July 2017*  
*M.S. in Computer Science, Computational Operations Research (COR)* *Williamsburg, VA*

**Shanghai University** *Aug 2011 - July 2015*  
*B.S. in Mathematics* *Shanghai, China*

## RESEARCH INTERESTS

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**Topics:** Retail Operations Management, Supply Chain Management, OM-Marketing/IS/Economics Interface, Behavioral Operations, Sustainability and Social Responsibility

**Methodologies:** Optimization, Game Theory

## RESEARCH PAPERS

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### Refereed Journal Publication

**UTD-24:** Top 24 Journals for UT Dallas Top 100 Business School Research Ranking

**FT-50:** Top 50 Journals used in Financial Times Research Ranking

1. Quan (Ben) Zheng, **Honggang Hu** and Xiajun Amy Pan. "Implications of Product Substitutability in Distribution Channel," *Forthcoming at **Production and Operations Management***. (UTD-24, FT-50)
2. **Honggang Hu**, Quan (Ben) Zheng and Xiajun Amy Pan. "Agency or Wholesale? The Role of Retail Pass-Through." *Management Science* (2022) 68(10): 7538-7554. (UTD-24, FT-50)
3. Anh Ninh, **Honggang Hu** and David Allen. "Robust newsvendor problems: effect of discrete demands." *Annals of Operations Research* (2019) 275(2): 607-621. (JCR-Q1, ABS-3)

### Selected Working Papers

4. "Retail Pass-through and Channel Pricing," with Quan (Ben) Zheng and Xiajun Amy Pan. *Under 1<sup>st</sup> round review at **Management Science***.
5. "Vertical Integration and Sponsored Data: The Role of Internet Service Competition," with Liangfei Qiu and Tharanga Rajapakshe. *Under 1<sup>st</sup> round review at **Management Science***.
6. "Social Labeling: A Retail Perspective," with Quan (Ben) Zheng, Xiajun Amy Pan, and Asoo J. Vakharia. *Work-in-Progress*.

## CONFERENCE PRESENTATIONS

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*“Agency or Wholesale? The Role of Retail Pass-Through.”*

- ◇ POMS Annual Conference (Virtual) *April. 2022*
- ◇ INFORMS Annual Meeting, Anaheim, CA (Hybrid) *Oct. 2021*
- ◇ The Thirteenth International Conference of the Chinese Scholars Association  
for Management Science and Engineering (Virtual) *Aug. 2021*
- ◇ The 3rd China Workshop on Economics of Information Systems Theory (Virtual) *June 2021*
- ◇ POMS Annual Conference (Virtual) *May 2021*
- ◇ INFORMS Annual Meeting (Virtual) *Nov. 2020*

*“Implications of Product Substitutability in a Distribution Channel.”*

- ◇ INFORMS Annual Meeting, Seattle, WA *Oct. 2019*
- ◇ POMS Annual Conference, Washington, D.C. *May 2019*

*“Product Design and Pricing in Integrated Repair Supply Chain.”*

- ◇ INFORMS Annual Meeting, Phoenix, AZ *Nov. 2018*

## INVITED TALKS

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- Leavey School of Business, Santa Clara University *Nov. 2021*
- Advanced Institute of Business, Tongji University *Nov. 2021*
- Henry W. Bloch School of Management, University of Missouri–Kansas City *Dec. 2021*

## TEACHING EXPERIENCE

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### Instructor

*Warrington College of Business, University of Florida*

- QMB 4702 - Managerial Operations Analysis II (Undergraduate Core)
  - ◇ Hybrid, Teaching Evaluation: **4.18**/5.00 (Class Size: 36) *Spring 2021*
  - ◇ Online, Teaching Evaluation: **4.63**/5.00 (Class Size: 39) *Fall 2020*
- ISM 4210 - Database Management (Undergraduate Core)
  - ◇ Hybrid, Teaching Evaluation: **4.31**/5.00 (Class Size: 45) *Spring 2022*

*Department of Mathematics, College of William and Mary*

- MATH 108 - Brief Calculus with Applications (Lab Session, Undergraduate) *Spring 2017*

### Teaching Assistant

*Warrington College of Business, University of Florida*

- MAN 6511 - Supply Chain Analytics *Spring 2022*
- MAN 5502 - Production and Operations Management (Master) *Fall 2021*
- MAN 5501 - Operations Management (Online MBA) *Summer 2019, Fall 2021, Spring 2022*
- MAN 6619 - International Logistics (EMBA) *Summer 2018, Summer 2021*
- MAN 6528 - Principles of Logistics/Transportation Systems (Master) *Spring 2020*
- MAN 6581 - Project Management (Master) *Fall 2019, Spring 2020, Fall 2020*
- QMB 6756 - Managerial Quantitative Analysis II (Master) *Fall 2019*
- ISM 6485 - Operations & IT Strategy (Master) *Fall 2018, Spring 2019*

*Department of Mathematics, College of William and Mary*

- Calculus Tutoring Center *Fall 2015, Spring 2016, Fall 2016, Spring 2017*
- MATH 451 - Probability & Statistics (Undergraduate) *Spring 2017*
- CSCI 628 - Linear Programming (Master) *Fall 2016*
- MATH 106 - Elementary Probability and Statistics (Undergraduate) *Fall 2015, Spring 2016*

## INDUSTRIAL EXPERIENCE

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**Research Assistant***AidData**Feb. 2017 - Apr. 2017**Williamsburg, VA*

Collaborated with officers at the State Department to model the political economy of the Middle East, and statistically investigate the regional economic and political impact of changing energy prices.

**Consulting***Sentara Urgent Care**Sept. 2016 - Dec. 2016**Williamsburg, VA*

Simulated the existing inventory system of flu swabs at Sentara, and developed a novel myopic policy to reduce 20% of the total cost and 90% of the number of lost patients and backorders.

**Contributor***Kaggle Competition—State Farm Distracted Driver Detection**June 2016 - Aug. 2016*

Designed a deep convolutional neural network (CNN) to classify drivers' behaviors from a huge dataset of 2D dashboard camera images provided by State Farm, and implemented this model in Python to achieve a position of top 471 of 1440 competitors.

**PROFESSIONAL ACTIVITIES**

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**Session Chair**

- ◇ Emerging Topics in Operations Marketing Interface, INFORMS 2022 Annual Meeting
- ◇ Emerging Topics in Supply Chains and Platforms, POMS 2022 Annual Conference
- ◇ Session VWB58. Operations/Marketing Interface II, INFORMS 2021 Annual Meeting

**Reviewer** for *Production and Operations Management* and *Decision Science*

**Member** of INFORMS and POMS

**HONORS AND AWARDS**

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Supply Chain Management (SCM) Center Research Grants (\$1000), University of Florida *Aug 2022*

The COR Graduate TA Teaching Award, College of William and Mary *May 2017*

Outstanding Academic Study Prize, Shanghai University (10%) *Oct. 2014*

Academic Major Split Flow Prize, Shanghai University (5%) *Sept. 2012*

**SKILLS & LANGUAGE**

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**Programming/Software**Python, R, MATLAB, Mathematica, Arena, AMPL, L<sup>A</sup>T<sub>E</sub>X**Language**

Mandarin (native), English (fluent)