

Qu, Yuan

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RESEARCH INTERESTS	Revenue Management, Inventory Control, Game-theoretic Applications, Data-driven Modeling, Reinforcement Learning, Business Intelligence, Combinatorial Optimization, Transportation Engineering	
EDUCATION	Rutgers University, Rutgers Business School 01/2017 - 05/2023 Ph.D. in Management (Concentration on Operations Research) Dissertation: <i>Understanding Opaque Selling from an Inventory-management Perspective</i> Advisor: Jian Yang Committee: Andrzej Ruszczyński, Endre Boros, Thomas Lidbetter, Ming Hu M.S. in Information Technology and Analytics	
	Univ. of Electronic Science and Technology of China 09/2013 - 06/2017 B.S. in Electronic Engineering, School of Info. and Comm. Engineering B.Mgt. in Management Administration, School of Management and Economics	
ACADEMIC POSITION	The University of Hong Kong, Department of Industrial and Manufacturing Systems Engineering Post-doctoral Fellow 09/2023 - present	
	Rutgers University, Rutgers Business School NTT 50% - Instructor 09/2021 - 12/2022 Part-time Lecturer 09/2019 - 05/2021	
UNDER REVIEW	<ul style="list-style-type: none">• On the Attractiveness of Opaque Selling. Yuan Qu, Jian Yang Operations Research (UTD24, FT50), <i>Under Review</i>.• Building Resilience During Crises: A Big Data Empowered Reinforcement Learning Approach for Airline Insurance. Jingjing Li, Yuan Qu, Jingyuan Yang (<i>author names in alphabetical order</i>), Information Systems Research (UTD24, FT50), <i>Revised & Resubmitted</i>.• How Many Are Too Many? Analyzing Dockless Bikesharing Systems with a Parsimonious Model. Hongyu Zheng, Kenan Zhang, Macro Nie, Pengyu Yan, Yuan Qu Transportation Science, <i>Minor Revision</i>.• Diminishing Returns to Social Capitalist Firms and Their Employee Advocates: Evidence from WeChat. Chaitanya Kaligotla, Sarah Wittman, Jingyuan Yang, Yuan Qu, Wei Zeng. Administrative Science Quarterly (UTD24, FT50), <i>Under Review</i>.	

WORK IN PROGRESS

- **Inventory Control involving Opaque Selling.**
with Jian Yang
- **Understanding Blind Box Selling from a Game Theoretic Perspective.**
with Ming Hu
- **One Size Does Not Fit All: Personal Match and Marketing Message Effectiveness on Social Networks.**
with Jingyuan Yang and Wei Zeng
- **Dynamic Recommender Systems for Crowd Sourcing Platform.**
with Shun Ye and Jingyuan Yang

TEACHING EXPERIENCE

Rutgers Business School

09/2019 - 12/2022

Part-time Lecturer & 50%-Instructor

- Undergraduate Course: Product and Operations Management, 29:623:311
Fall 2022
- Undergraduate Course: Management Information Systems, 33:136:370
Spring 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2022
- Graduate Course: Business Data Management, 26:198:603
Fall 2019
- Undergraduate Course: Statistical Methods for Business, 33:136:375
Fall 2019

Teaching Assistant

- Graduate Course: “Business Data Management”, 22:544:603 & 22:198:603,
Spring 2019

CONFERENCE AND SEMINAR PRESENTATIONS

- Inventory Control Involving Opaque Selling
INFORMS Annual Meeting, Phoenix, AZ, 2023
- Understanding Opaque Selling from an Inventory-control Perspective
Invited Research Seminar, UESTC, Chengdu, China, 2023
Northeast Decision Sciences Institute Annual Conference, Washington, DC, 2023
INFORMS Annual Meeting, Indianapolis, IN, 2022
Invited Research Seminar, Stony Brook University, Virtual, 2020
- Drivers for Personal Social Marketing Effectiveness: A Joint View Of Content And Diffusion
INFORMS Annual Meeting, Virtual, 2020
Invited Research Seminar, UESTC, Chengdu, China, 2020
Rutgers-NJIT Business School Joint Ph.D. Seminar, Newark, NJ, 2019
INFORMS Annual Meeting, Seattle, WA, November 2019

ACADEMIC SERVICES

- Ad hoc Reviewer for Operations Research Letters
- Ad hoc Reviewer for Americas Conference on Information Systems (AMCIS) 2023
- Ad hoc Reviewer for INFORMS Workshop on Data Science (DS 2022)
- Ad hoc Reviewer for Pacific Asia Conference on Information Systems (PACIS 2022)
- Ad hoc Reviewer for ACM SIGKDD Conference on Knowledge Discovery and Data Mining (SIGKDD)
- Ad hoc Reviewer for International Conference on Knowledge Science, Engineering and Management (KSEM)

HONORS & REWARDS

- Dean's Dissertation Fellowship, *Rutgers Graduate School-Newark* 2022
- Dean's Competition for Summer Ph.D. Research Assistants, *Rutgers Business School* 2022
- Dean's Competition for Summer Ph.D. Research Assistants, *Rutgers Business School* 2021
- Dean's Office Summer Scholarships, *Rutgers Business School* 2020
- Graduate School-Newark Scholarship, *Rutgers University* 2020
- University Merit Graduate Scholars Award, *Rutgers University* 2019
- China National College Student Information Security Contest, Bronze Award 2016
- The People's Scholarship in China, *UESTC* 2016
- China National College Student Entrepreneurship Contest, Bronze Award 2016
- China National College Student Information Security Contest, Bronze Award 2015
- The Western Star of Innovation and Entrepreneurship, 4th place, Bronze Award 2015
- The Second Level Athletic in China, Weiqi (Go) 2012

INDUSTRIAL EXPERIENCE

Allianz Partners, Richmond, VA
Seasonal Data Scientist 05/2021 - 08/2021
Built an offline evaluation pipeline for online recommendation algorithms.

Chengdu Value-fan Information Service, Chengdu, China
Co-founder 01/2016 - 07/2017
Led the team to develop a stock value estimation system. Full-stack developed the automatic trading strategy analysis system.