

EDUCATION

University of Pittsburgh	Pittsburgh, PA
Ph.D. in Business Analytics and Operations, Advisor: Prakash Mirchandani, Michael L. Hamilton	2019–Current
KTH Royal Institute of Technology	Stockholm, Sweden
M.S. in Applied and Computational Mathematics	2017–2019
Zhejiang University	Hangzhou, China
B.S. in Mathematics and Applied Mathematics	2013–2017

WORKING PAPERS

1. Titing Cui, Michael L. Hamilton. *Optimal Feature-Based Market Segmentation and Pricing*.
Major Revision in **Operations Research**. June 2023
 - Accepted in The 18th Conference on Web and Internet Economics (WINE), 2022.
 - Third Place, INFORMS Service Science Best Cluster Paper Award, 2022.
2. Titing Cui, Michael L. Hamilton. *Pricing Strategies for Online Dating Platforms*.
Major Revision in **Manufacturing & Service Operations Management**. June 2023
3. Titing Cui, Esther Gal-Or, Mike Gordon, Michael L. Hamilton, Jennifer Shang. *The Effects of Competition on Corporate Sustainability*.
 - **Submitted**.

WORK IN PROGRESS

1. Titing Cui, Michael L. Hamilton, Jia Su. *Rating Systems Design: Structure, Incentives, and Fees*. In progress.

PUBLICATIONS

1. Wenjie Xu*, Titing Cui*, and Minghua Chen. *Optimizing Two-Truck Platooning with Deadlines*. (*co-primary authors)
 - Accepted in **IEEE Transactions on Intelligent Transportation Systems**, 2022.

PRESENTATIONS

Note: The (C) implies the talk was given online.

1. “Optimal Feature-Based Market Segmentation and Pricing”
 - INFORMS Annual Conference 2022, Indianapolis, In. Oct. 2022
 - INFORMS Annual Conference 2021, Anaheim CA. Oct. 2021
 - RMP Section Conference 2021, Remote Conference. (C) July 2021
 - CORS Annual Conference 2021, Remote Conference. (C) June 2021

2. “Pricing Strategies for Online Dating Platforms”

- The 18th Conference on Web and Internet Economics , Troy, NY, USA, Dec, 2022.
- INFORMS Annual Conference 2022, Indianapolis, In. Oct. 2022
- University of Toronto, Rotman Young Scholar Seminar. July 2022
- RMP Section Conference 2022, Remote Conference. (C) July 2022
- MSOM Annual Conference 2022, Munich. June 2022
- CORS Annual Conference 2022, Remote Conference. (C) June 2022

TEACHING

- **Instructor** at University of Pittsburgh
BQOM 2578 - Data Mining Fall 2022, 2023
- **Teaching Assistant** at University of Pittsburgh
BQOM 2535 - Healthcare Operations and Supply Chain Management Summer 2021, Spring 2022, 2023
BQOM 2401 - Statistical Analysis: Uncertainty Fall 2021
BQOM 2534 - Strategic Procurement and Sourcing Management Spring 2021

SCHOLARSHIPS AND AWARDS

- Sheth Fellowship 2022
- Rockwell Foundation Fellowship 2019
- KTH Scholarship 2017

PROFESSIONAL SERVICES

- Organization Committee 2022
YinzOR Student Conferences, Carnegie Mellon University.

SKILLS AND OTHERS

Programming Language: Python, R, Mathematica, Stata, Matlab, C, SQL, L^AT_EX

Language: Mandarin (native), English (fluent).

Hobbies: Badminton, Tennis, Ping Pong.