

Daniel Chen

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Academic Position

Carroll School of Management, Boston College

Assistant Professor of Business Analytics

2024–Present

Education

The Wharton School, University of Pennsylvania

Ph.D. in Operations Management

2019–2024

University of Southern California

M.S. in Mathematical Finance

2018–2019

B.S. in Economics/Mathematics, *summa cum laude*

2015–2019

Research Interests

Operations Strategy, Online Platforms, Gig Economy, Networks, Human-AI Interaction

Research

Papers Under Review/Revision

1. Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning, with Gad Allon and Ken Moon. Reject and Resubmit at *Management Science*.

• Finalist, 2023 INFORMS Behavioral Operations Management Best Working Paper Award

2. Machine Learning and Prediction Errors in Causal Inference, with Gad Allon, Zhenling Jiang, and Dennis Zhang. Under revision.

Working Papers

3. Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy, with Gad Allon and Ken Moon.

Work in Progress

4. The Value of Network Information in Online Ratings.

Selected Awards and Grants

Coalition for Equity and Opportunity Research Fellowship

2023–2025

Research Project: “Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy”

\$2,500

Mack Institute Research Fellowship

2023–2024

Research Project: “Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy”

\$8,000

Mack Institute Research Fellowship	2022–2023
<i>Research Project: “Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning”</i>	
\$8,000	
Russell Ackoff Doctoral Student Fellowship	2022–2023
<i>Research Project: “Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning”</i>	
\$3,000	
Finalist, INFORMS Behavioral Operations Management Best Working Paper Award	2023
Paul R. Kleindorfer Scholar Award	2023
Marjorie Weiler Prize for Excellence in Writing	2020
Wharton Doctoral Fellowship	2019–2024
Phi Beta Kappa	2018

Conference Presentations

- 2024, MSOM Conference, Minneapolis, MN
“Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy”
- 2023, INFORMS Annual Meeting, Phoenix, AZ
“Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning”
- 2023, INFORMS Annual Meeting, Phoenix, AZ
“Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy”
- 2023, INFORMS Annual Meeting, Phoenix, AZ
“Machine Learning and Prediction Errors in Causal Inference”
- 2023, Workshop on Empirical Research in Operations Management, Philadelphia, PA
“Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning”
- 2023, MSOM Conference, Montreal, Canada
“Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning”
- 2023, MSOM Conference, Montreal, Canada
“Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy”
- 2023, Marketplace Innovation Workshop, Online
“Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy”
- 2022, INFORMS Annual Meeting, Indianapolis, IN
“Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning”
- 2022, Wharton-INSEAD Doctoral Consortium, Philadelphia, PA
“Machine Learning and Prediction Errors in Causal Inference”
- 2022, MSOM Conference, Munich, DE
“Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning”

2022, Revenue Management and Pricing Conference, Online

“Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning”

2022, Marketing Science Conference, Online

“Machine Learning and Prediction Errors in Causal Inference”

2022, Marketplace Innovation Workshop, Online

“Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning”

2021, INFORMS Annual Meeting, Anaheim, CA

“Machine Learning and Prediction Errors in Causal Inference”

2021, MSOM Conference, Online

“Machine Learning and Prediction Errors in Causal Inference”

Teaching Experience

Guest Lecturer, The Wharton School, University of Pennsylvania

WH 1508: Evaluating Evidence (UG Elective), Spring 2024

Teaching Assistant, The Wharton School, University of Pennsylvania

OIDD 615: Operations Strategy (MBA/EMBA Core), Summer 2022, Spring 2024

OIDD 636: Scaling Ventures: Aligning Operations with Strategy (EMBA Elective), Fall 2022

OIDD 101: Introduction to Operations, Information and Decisions (UG Core), Spring 2021, Spring 2022

Service

Referee: Management Science, INFORMS Behavioral Operations Management Best Working Paper Competition, Wharton-INSEAD Doctoral Consortium

Technical Skills

R, Stata, MATLAB, C++, Python, Java, Objective-C, SQL, JavaScript, Microsoft Office, HTML, CSS