

# Daniel Chen

Carroll School of Management, Boston College  
140 Commonwealth Avenue, Fulton Hall 454A, Chestnut Hill, MA 02467  
Email: daniel.chen@bc.edu — Website: chendn.github.io

## 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.

• 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.

### 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

Mack Institute Research Fellowships (\$16,000) 2022–2024

Wharton Research Fellowships (\$5,500) 2022–2025

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, INFORMS Annual Meeting, Seattle, WA

*Measuring Strategic Behavior by Gig Economy Workers: Multihoming and Repositioning*

2024, INFORMS Annual Meeting, Seattle, WA

*Algorithmic Pricing, Transparency, and Discrimination in the Gig Economy*

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

**Instructor**, Carroll School of Management, Boston College

BZAN 1135: Statistical Analysis (UG Core), Spring 2025

**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

Reviewer: Management Science, Operations Research, Manufacturing & Service Operations Management, Wharton-INSEAD Doctoral Consortium, MSOM Conference, MSOM Supply Chain SIG, INFORMS Behavioral Operations Management Best Working Paper Competition, MSOM Student Paper Competition

## Technical Skills

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