

Jerry Anunrojwong

CONTACT

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RESEARCH INTERESTS

I am broadly interested in market design, especially the role of participants' strategic behavior and their interplay with constraints on market structure and information access. In particular, my research is motivated by three themes in markets: (1) robustness, (2) information design, and (3) applications to energy and sustainability.

ACADEMIC EMPLOYMENT

University of Washington

Seattle, WA

- Distinguished Postdoctoral Fellow, Clean Energy Institute

2025–2026

EDUCATION

Columbia University, Graduate School of Business

New York, NY

- Ph.D. in *Decision, Risk, and Operations*
- Advisors: Omar Besbes, Santiago R. Balseiro

2020–2025

Harvard University

Cambridge, MA

- A.M. in Statistics
- A.B. in Applied Mathematics
- Advisor: Yiling Chen

2014–2018

JOURNAL PUBLICATIONS

- J4. “Robust Auction Design with Support Information.” Jerry Anunrojwong, Santiago R. Balseiro, Omar Besbes. **Management Science**, 2025. [\[Link\]](#)
- ACM Conference on Economics and Computation (EC), 2023.
- J3. “On the Robustness of Second-Price Auctions in Prior-Independent Mechanism Design.” Jerry Anunrojwong, Santiago R. Balseiro, Omar Besbes. **Operations Research**, 2024. [\[Link\]](#)
- **Finalist, George Nicholson Student Paper Competition, 2022.**
 - ACM Conference on Economics and Computation (EC), 2022.
 - Spotlight Presentation, Revenue Management and Pricing (RMP) conference, 2022.
- J2. “Persuading Risk-Conscious Agents: A Geometric Approach.” Jerry Anunrojwong, Krishnamurthy Iyer, David Lingenbrink. **Operations Research**, 2023. [\[Link\]](#)
- Conference on Web and Internet Economics (WINE), 2019.
- J1. “Information Design for Congested Social Services: Optimal Need-Based Persuasion.” Jerry Anunrojwong, Krishnamurthy Iyer, Vahideh Manshadi. **Management Science**, 2022. [\[Link\]](#)
- ACM Conference on Economics and Computation (EC), 2020.
 - **MSOM Service SIG**, 2021 (10 selected out of 100).
 - Oral Presentation, Workshop on Mechanism Design for Social Good (MD4SG), 2020.
 - *Management Science Review* Featured Article. [\[Link\]](#)

REFEREED
CONFERENCE
PUBLICATIONS

- C7. “Battery Operations in Electricity Markets: Strategic Behavior and Distortions.” Jerry Anunrojwong, Santiago R. Balseiro, Omar Besbes, Bolun Xu. [\[Link\]](#)
- Under Review, *Management Science*.
 - ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO), 2025.
 - ACM Conference on Economics and Computation (EC), 2025.
 - Invited Presentation, Allerton Conference on Communication, Control, and Computing, 2025.
- C6. “Robust Auction Design with Support Information.” Jerry Anunrojwong, Santiago R. Balseiro, Omar Besbes. **ACM Conference on Economics and Computation (EC), 2023.** [\[Link\]](#)
- Working version: W3.
- C5. “On the Robustness of Second-Price Auctions in Prior-Independent Mechanism Design.” Jerry Anunrojwong, Santiago R. Balseiro, Omar Besbes. **ACM Conference on Economics and Computation (EC), 2022.** [\[Link\]](#)
- Journal version: J3.
- C4. “Information Design for Congested Social Services: Optimal Need-Based Persuasion.” Jerry Anunrojwong, Krishnamurthy Iyer, Vahideh Manshadi. **ACM Conference on Economics and Computation (EC), 2020.** [\[Link\]](#)
- Journal version: J1.
- C3. “Persuading Risk-Conscious Agents: A Geometric Approach.” Jerry Anunrojwong, Krishnamurthy Iyer, David Lingenbrink. **Conference on Web and Internet Economics (WINE), 2019.** [\[Link\]](#)
- Journal version: J2.
- C2. “Computing Equilibria of Prediction Markets via Persuasion.” Jerry Anunrojwong, Yiling Chen, Bo Waggoner, Haifeng Xu. **Conference on Web and Internet Economics (WINE), 2019.** [\[Link\]](#)
- C1. “Naive Bayesian Learning in Social Networks.” Jerry Anunrojwong, Nat Sothanaphan. **ACM Conference on Economics and Computation (EC), 2018.** [\[Link\]](#)

WORKING
PAPERS

- W3. “Battery Operations in Electricity Markets: Strategic Behavior and Distortions.” Jerry Anunrojwong, Santiago R. Balseiro, Omar Besbes, Bolun Xu. [\[Link\]](#)
- Conference version: C7
- W2. “The Best of Many Robustness Criteria in Decision Making: Formulation and Application to Robust Pricing.” Jerry Anunrojwong, Santiago R. Balseiro, Omar Besbes. [\[Link\]](#)
- W1. “Social Learning Under Platform Influence: Consensus and Persistent Disagreement.” Ozan Candogan, Nicole Immorlica, Bar Light, Jerry Anunrojwong. [\[Link\]](#)
- Major Revision at *Operations Research*.

HONORS AND
AWARDS

- Deming Doctoral Fellowship 2024–2025
- Finalist, George Nicholson Student Paper Competition 2022
- Asenath Marie and Duncan Merriwether Fellowship 2022–2023
- Doctoral Fellowship, Columbia Business School 2020–2025
- Phi Beta Kappa, Harvard College 2018

- Top 100, William Lowell Putnam Mathematical Competition 2014
- King's Scholarship (full-ride, merit-based scholarship for undergraduate studies abroad; awarded by the King of Thailand to 9 students nationally each year) 2013
- Gold Medal, International Mathematical Olympiad 2012

- SERVICE
- EXPERIENCE
- Program Committee (PC), *Conference on Economics and Computation (EC)*, 2025.
 - Reviewer for *Management Science*, 2023–2025.
 - Reviewer for *Operations Research*, 2025.
 - Reviewer for *Manufacturing & Service Operations Management*, 2025.
 - Reviewer for *Production and Operations Management*, 2025.
 - Reviewer for *American Economic Review: Insights*, 2024.
 - Reviewer for *ACM-SIAM Symposium on Discrete Algorithms (SODA)*, 2024.
 - Reviewer for *Conference on Web and Internet Economics (WINE)*, 2021.
 - Subreviewer for *Conference on Economics and Computation (EC)*, 2021.

- TEACHING
- EXPERIENCE
- Instructor**
- Real Analysis Math Camp for incoming PhD students (Columbia) Fall 2021
- Teaching Assistant**
- Process Improvement and Growth (Columbia MBA) Spring 2025
 - Operations Management (Columbia MBA) Spring 2024
 - Business Analytics (Columbia MBA) Spring 2023
 - Demand Analytics (Columbia MSBA) Fall 2021
 - Markets for Networks and Crowds (Harvard) Fall 2017
 - Data Science II (Harvard) Spring 2017
 - Mathematics in the World (Harvard) Spring 2015

- INDUSTRY
- EXPERIENCE
- Intern**, battery optimization team, Gridmatic Summer 2025
- Data Scientist** → **Senior Data Scientist**, Agoda 2019 – 2020
- Research Affiliate**, MIT 2018 – 2020
- Research Affiliate**, Chulalongkorn University 2018 – 2020
- Trading & Quantitative Research Intern**, Citadel Securities Summer 2017
- Quantitative Research Intern**, Cubist Systematic Strategies January 2017
- Research Intern**, Ellington Management Group Summer 2016
- Research Intern**, Harvard BLISS (social science summer research) Summer 2015

- SELECTED
- PRESENTATIONS
- Battery Operations in Electricity Markets: Strategic Behavior and Distortions*
- Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO) conference, Pittsburgh November 2025
 - INFORMS Annual Meeting, Seattle October 2025
 - Invited Presentation, Allerton Conference on Communication, Control, and Computing, Urbana September 2025
 - Economics and Computation (EC) conference, Stanford July 2025
 - University of Minnesota, Minneapolis February 2025
 - MIT Sloan School of Management, Cambridge January 2025
 - Yale School of Management, New Haven January 2025
 - Singapore Management University, Singapore January 2025
 - University College London, London November 2024
 - London Business School, London November 2024

- Imperial College Business School, London November 2024
- New York University (NYU) Stern, NYC November 2024
- Wharton School of Business, Philadelphia November 2024
- INFORMS Annual Meeting, Seattle October 2024
- Cornell Young Researchers Workshop (poster), Ithaca October 2024
- Gridmatic Company, Cupertino July 2024
- Manufacturing & Service Operations Management (MSOM) conference, Minneapolis July 2024
- Marketplace Innovation Workshop (MIW), virtual May 2024

The Best of Many Robustness Criteria in Decision Making: Formulation and Application to Robust Pricing

- Revenue Management and Pricing (RMP) conference, Los Angeles July 2024

Robust Auction Design with Support Information

- Analytics for X conference, National University of Singapore August 2024
- Rotman Young Scholar Seminar Series, virtual January 2024
- INFORMS Annual Meeting, Phoenix October 2023
- Economics and Computation (EC) conference, London July 2023
- Revenue Management and Pricing (RMP) conference, London July 2023
- Manufacturing & Service Operations Management (MSOM) conference, Montreal June 2023
- Marketplace Innovation Workshop (MIW), virtual May 2023

On the Robustness of Second-Price Auctions in Prior-Independent Mechanism Design

- INFORMS Annual Meeting, Indianapolis October 2022
- Economics and Computation (EC) conference, Boulder July 2022
- Manufacturing & Service Operations Management (MSOM) conference, Munich June 2022
- Revenue Management and Pricing (RMP) conference, virtual June 2022
- Marketplace Innovation Workshop (MIW), virtual May 2022

Information Design for Congested Social Services: Optimal Need-Based Persuasion

- MSOM Service SIG, virtual June 2021
- Workshop on Mechanism Design for Social Good, virtual August 2020
- Economics and Computation (EC) conference, virtual July 2020

Persuading Risk-Conscious Agents: A Geometric Approach

- Web and Internet Economics (WINE) conference, New York December 2019
- Behavioral EC workshop (poster), Phoenix June 2019

Computing Equilibria of Prediction Markets via Persuasion

- Web and Internet Economics (WINE) conference, New York December 2019

Naive Bayesian Learning in Social Networks

- Economics and Computation (EC) conference, Ithaca June 2018