

Ariel Boyarsky

Department Address

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Contact Information

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Education

2021 - *Present* **Columbia University, Graduate School of Business**
Ph.D. in Decision, Risk, and Operations
Advisor: Prof. Hongseok Namkoong

Research Interests

Causal Inference, Nonparametric Statistics, Learning Theory

Publications

1. “Modeling Interference with Experiment Roll-out” with H. Namkoong and J. Pouget-Abadie. *Proceedings of the 24th ACM Conference on Economics and Computation (EC '23)*, 2023.

Works in Progress

1. “A Sensitivity Framework for External Validity of A/B Tests” with N. Egami and H. Namkoong.
Winner, Deming Center Doctoral Fellowship, 2023.
Oral presentation at ACIC, 2024.
2. “A Sieve Approach to Nonparametric Estimation of Exchangeable Networks: Examples from International Trade” (November, 2021)

Teaching Experience

Columbia University

B8103: Applied Regression Analysis (MBA), Teaching Assistant
Spring 2025

B6100: Managerial Statistics (MBA), Teaching Assistant
Fall 2022, Fall 2023, Fall 2024, Spring 2025, Fall 2025

B8103: Foundations of AI for Business (MS), Teaching Assistant
Spring 2024

B5100: Managerial Statistics (EMBA), Teaching Assistant
Summer 2023

B9119: Foundations of Stochastic Modeling (PhD), Teaching Assistant
Spring 2023

B8101: Business Analytics II (MBA/MS), Teaching Assistant
Spring 2023

University of Chicago

Econ 21410: Computational Methods in Economics (UG), Teaching Assistant
Spring 2019

Research Experience and Professional Employment

- 2025 Quantitative Research Intern, Cubist Systematic Strategies/Point72
- 2019 - 2021 Research Assistant for Costas Arkolakis, Yale University
- 2017 - 2019 Part-time Research Assistant for Felix Tintelnot, University of Chicago
- 2018 Student Researcher, Becker-Friedman Institute, University of Chicago
- 2017 Data Science Intern, Pew Research Center

Research Grants and Awards

- 2021 - 2026 Doctoral Fellowship, Graduate School of Business, Columbia University
- 2023 - 2024 Deming Doctoral Fellowship, Deming Center, Columbia Business School
- 2017 - 2019 Social Sciences Scholarship, University of Chicago
- 2018 Becker-Friedman Open Source Economics Summer Fellowship, University of Chicago

Talks

- 2024 INFORMS Annual Meeting, Emerging Problems in Platform Operations, Seattle, WA
- 2024 ACIC, External Validity, Generalization, and Distributional Shifts, Seattle, WA
- 2023 INFORMS Annual Meeting, Causal Inference in the Presence of Interference, Phoenix, AZ
- 2023 24th ACM Conference on Economics and Computation (EC'23), London, UK
- 2023 INFORMS Revenue Management and Pricing (RMP), London, UK
- 2022 CoDE@MIT, Novel Experiment Designs and Estimators, Cambridge, MA
- 2022 INFORMS Annual Meeting, Applied Probability Flash Session, Indianapolis, IN

Skills

Programing Languages: R, Python, MATLAB, SQL, HTML/CSS

Computer Software: QGIS, Git, Mathematica, \LaTeX

Languages: English (Native) and Russian (Proficient)

Last updated: August 2025