

# Ariel Boyarsky

## Department Address

Columbia Business School  
665 W 130 Street, 990-WS5  
New York, NY 10027

## Contact Information

a.boyarsky@columbia.edu  
ariboyarsky.com

## 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

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 (Undergraduate), Teaching Assistant

Spring 2019

## **Research Experience and Professional Employment**

- 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)

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Last updated: January 2025