# Ariel Boyarsky

**Department Address**

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**Contact Information**

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### Education

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|---|---|
| 2021 - *Present* | **Columbia University, Graduate School of Business**<br>Ph.D. in Decision, Risk, and Operations<br>Advisor: Prof. Hongseok Namkoong |
| 2017 - 2019 | **University of Chicago**<br>M.A. in Computational Social Science (Economics Concentration) |

### 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 Sieve Approach to Nonparametric Estimation of Exchangeable Networks: Examples from International Trade" (November, 2021)

### Teaching Experience

Columbia University

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| Summer 2023 | Teaching Assistant, B5100: Managerial Statistics (EMBA) |
| Spring 2023 | Teaching Assistant, B9119: Foundations of Stochastic Modeling (PhD) |
| Spring 2023 | Teaching Assistant, B8101: Business Analytics II (MBA/MS) |
| Fall 2022 | Teaching Assistant, B6100: Managerial Statistics (MBA) |

University of Chicago

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

### Research Experience and Professional Employment

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| 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**

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

**Talks**

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| 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, PHP, Java, C++, SQL, HTML/CSS
**Computer Software:** QGIS, Git, Mathematica, LaTeX
**Languages:** English (Native) and Russian (Proficient)