

Zachary E. Dorobiala

1618 Hamilton Lane, Tuscaloosa AL 35404 | 1-(716)-906-4268 | zdorobiala@crimson.ua.edu

Education

The University of Alabama
Ph.D. in Economics
Masters in Economics

Tuscaloosa, AL
Expected May 2023
August 2019

Niagara University
Bachelors in Mathematics, Actuarial Science, and Philosophy

Niagara Falls, NY
May 2018

Skills & Expertise

Research Interests: Experimental Economics, Behavioral Economics, Applied Microeconomics, and Industrial Organization.

Computer Languages: R, Stata, z-Tree, Latex, SPSS, MATLAB (basic), Python (basic), C# program (basic), and oTree (basic)

Research Experience

Doctoral Researcher, The University of Alabama January 2019- *Present*

- “Ambiguity Preferences and Beliefs in Strategic Interactions” (With Tigran Melkonyan) *Job Market Paper*. We elicited beliefs and preferences using a matching probabilities procedure to estimate a decision maker’s perception towards ambiguity and their ambiguity attitude, quantifying perceptions and attitudes across strategic and non-strategic settings through non-parametric methods.
- “The Effect of Ambiguity on Price Dispersion in Duopoly Markets” *Submitted to Experimental Economics September 2022*. I formulated an economic pricing model to analyze the impacts of ambiguity on firms’ prices under an asymmetric setting. Causal inference methods were used to investigate the experimental data, with application to markets with large and small shares of price-sensitive consumers.
- “Global Market Risk and Speculation Factors” (With Soroush Ghazi and Mark Schneider) *Work in Progress*. We developed a new approach to decompose global excess return data. Econometrically separating the residuals of the global excess data into a speculation (sentiment) and a non-speculation (risk) component.
- “An Experimental Comparison of Conventional and Final Offer Arbitration” (With Paul Pecorino and Mark Van Boening) *Work in Progress*. We theoretically and experimentally examine a final offer arbitration screening model in which the uninformed party to the dispute makes the final settlement offer to the informed party, with implications in the telecommunications industry.
- “Indefinitely Repeated Contests with Incumbency Advantage” (With Cary Deck and Paan Jindapon) *Submitted to Journal of Economic Science Association June 2022*. We experimentally investigated a game theoretic model on incumbency advantage, akin to the competition between political parties in U.S. elections.

Undergraduate Research Assistant, Niagara University 05/2016-05/2018

- Presented a poster at the NU Undergraduate Research Conference, titled “Out-Degrees of Squared Graphs” (With Chad Mangum)

Leadership & Communication Experience

Instructor of Record, The University of Alabama 08/2020-*Present*

- Designed and taught undergraduate microeconomics courses (three separate courses).
- Employed experimental methods within the classroom.

Research Assistant, The University of Alabama 08/2018-*Present*

- Cleaned U.S. Census data.
- Programmed and helped with multiple experiments.

Conference Attendance

- Presented at Southern Economic Association (SEA) 2020, 2021, and 2022.
- Presented at the Economic Science Association (ESA) 2021 and 2022.