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EDUCATION

University of Florida

Gainesville, FL

Ph.D. in Economics

May 2027

- Fields: Public Economics, Industrial Organization, Econometrics
- Committee: Robert Ainsworth, Richard Romano, Min Fang

M.A. in Economics

August 2024

B.A. in Economics (Summa Cum Laude)

May 2022

B.S. in Business Administration, Finance

May 2022

- Minors: Actuarial Science and Mathematics

RESEARCH

Working Papers

1. “District partisan slant shifts voters’ party affiliation: Evidence from redistricting in North Carolina” (with Robert Ainsworth and Emanuel Garcia Munoz)

Abstract: Does the slant of a legislative district merely reflect the district’s voters, or can it also affect them? To investigate this, we collect rich data on districts and voters from the 2006-2022 elections in North Carolina. We exploit variation in slant due to redistricting, the process in which district boundaries are redrawn. We show that living in a district where one party is powerful causes people to shift their party affiliation toward that party. Effects depend on cumulative slant exposure, both over time and across legislative chambers. They also seem to stem from changes in preferences, not strategic behavior. An implication of the results is that uncompetitive districts contribute to polarization: under uncompetitive districts, people and places who lean Democratic get put into Democratic-controlled districts and become more Democratic; vice versa for those who lean Republican. As an illustration, we assess the impacts of the districts that were used in North Carolina during the 2010s. Relative to a counterfactual of competitive districts, the 2010s districts led to a sizable increase in geographic polarization—though only a slight increase in polarization at the individual level.

2. “Housing Ripples: How Affordable Housing Reshapes Neighborhoods and Affects Political Participation”

Abstract: This paper examines how Low-Income Housing Tax Credit (LIHTC) developments affect political participation in surrounding neighborhoods. Using detailed voter registration data from North Carolina matched with LIHTC project locations, I implement a difference-in-differences design comparing residents near new developments to those slightly farther away before and after project completion. I find that LIHTC developments lead to a gradual but persistent decline in political participation. Within 3 years of development completion, residents in treatment areas experience a 1.23 percentage point (2.82%) decrease in turnout compared to control areas. Registration effects emerge more slowly, declining by 1.3 percentage points (1.75%) after 7 years. Analysis of residential mobility patterns reveals that while treatment areas experience immediate out-migration following development completion, control areas exhibit similar mobility rates over longer horizons. However, despite this convergence in mobility patterns, the negative effects on political participation persist. This suggests that the timing and circumstances of moves, rather than mobility itself, drive the political participation effects.

Work in Progress

3. “Adoption of AI Pricing facilitates Price Discrimination” (with Min Fang)
4. “On the Effects of Relative Rank in Achievement and Effort” (with Garrison Pollard)

TEACHING EXPERIENCE

Head Grader | University of Florida June 2023 - Present

- Courses: ECO2013 Principles of Macroeconomics & ECO2023 Principles of Microeconomics
- Led team of 20 proctors managing exams for 1,800 students per semester
- Developed efficient grading systems using Excel macros and VLOOKUP
- Provided timely feedback and grade submissions following university policies

Teaching Assistant | University of Florida August 2022 - May 2023

- Courses: ECO5114 Microeconomic Analysis & ECP4451 Law and Economics
- Assisted graduate-level instruction, graded assignments, held office hours
- Proofread *Antitrust Policy in Health Care Markets* for Dr. Blair
- Provided one-on-one guidance in complex economic concepts

COMMUNITY INVOLVEMENT

Latine Organization for Graduate Students | University of Florida 2022 - Present

- Founded the organization to create a space for Latino graduate students, fostering interaction among students from various academic backgrounds
- Organized networking events to encourage cross-discipline collaboration and research among graduate students

Undergraduate Involvement/Affiliations | University of Florida 2018 - 2022

- Student Government Senate, Hispanic Student Association, Hispanic Heritage Month, Mexican-American Student Association, Florida Leadership Academy, Heavener Leadership Challenge, Delta Sigma Pi Professional Fraternity

AWARDS

1. Graduate Fellowship and Tuition Scholarship, University of Florida 2022-Present
2. Grinter Fellowship, University of Florida 2022-2025

CONFERENCES

1. March 2025 Public Choice Society Annual Meeting Louisville, KY

MISC.

- **Languages:** Spanish (Native), Portuguese (Fluent), English (Fluent)
- **Software:** R, Stata, Python, MatLab, LaTeX
- **Non-academic interests:** Formula 1, Pickleball, Board Games

REFERENCES

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