- Contact information, including email address

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- A short description of the course of graduate study pursued and the years of enrollment in the PhD program

I started my PhD in Economics at Washington University in St. Louis in Fall 2021. My coursework focused on industrial organization and structural econometrics, with particular emphasis on empirical auction and the economics of work and family policy. I completed my core coursework requirements by Spring 2023 and have since been focused on dissertation research. I am currently in my fifth year and will be in the job market next year.

- A short description of research interests, any research projects that are in process, and when appropriate, a dissertation title, short description, and list of committee members.

My research interests lie in Industrial Organization, Auction, Applied Microeconomics, Health and Education. My committee members include Bradley J. Larsen (chair), Barton H. Hamilton (co-chair), Cecilia Diaz-Campo, David Salant and M. Bumin Yenmez.

My dissertation consists of three chapters: two in auctions and one in healthcare. The first chapter and job market paper, titled “Effect of Pre-Auction Nomination: Evidence from Oil & Gas Lease Sales,” studies pre-auction nomination—where potential buyers pay a small fee to propose what should be auctioned—in settings where sellers cannot gauge the market and buyers must incur costly exploration to learn private values that are affiliated with others’ values. The second chapter, “Identification of Interdependent Cost Using Dynamic Spatial Incentives with Application to Auction Bundling’’ proposes a dynamic structural model to characterize and quantify cost interdependency between auctions using sequential mineral rights auction data and examines when bundling auctions improves both efficiency and revenue in sequential auction settings due to cost synergies. My final chapter and second-year paper, “Market Responds the Morning After: How Abortion Regulation Changes and Age-Limit-Reduction of Emergency Contraceptive Pills Affected Market of the Morning-After Pills” (SSRN link), is joint work with Cecilia Diaz-Campo. This paper studies the over-the-counter (OTC) Emergency Contraceptive Pills (ECP) market during 2012-2016 to show how supply-side shocks (age restriction removal and improved accessibility) and demand-side shocks (abortion policy changes) interact with retail outlets’ product assortment and pricing decisions. This paper was awarded the 2024 Charles Leven Memorial Prize from the department.

My works-in-progress cover a wide variety of topics, including generative artificial intelligence (AI)’s impact on human capital development, the labor market, and healthcare markets. I have

two main projects with Nathan Mester and Gregory Sun on AI and the labor market. The first, “Learn or Produce? Skill Development in the Age of AI’’ involves a planned field experiment in partnership with the City University of New York to study how AI availability influences the learning-by-doing process, alters the returns on human capital investment, and reshapes firm strategies regarding performance incentives and AI integration. This project was awarded Kenneth C. Griffin Applied Economics Incubator “AI in the Workplace 2025-2026’’ and Schmidt Sciences “AI at Work’’ research funding. Our second project “AI Usage and Human Capital Development in the Modern Workplace: A Nationwide Survey Study’’ aims to understand longer-term effects of AI on workforce development beyond immediate productivity gains by examining how AI adoption patterns vary across different demographics and career stages. This project builds upon a preliminary pilot study conducted through the Graduate Weidenbaum Center Survey (GWCS) and was awarded a Weidenbaum Center Small Grant.

My other works-in-progress include “Labor Market Implications of Nurse Burn-Outs During COVID,’’ joint work with Yongseok Shin and Rana Mohie-eldin, and “Healthcare Market Pre- and Post-Roe,’’ with Cecilia Diaz-Campo.