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Date of Birth	April 1994	Mobile Phone	1 (614) 370 1994
Citizenship	United States & Italy	Location	Columbus, OH 43221

Education

Ph.D., Policy Analysis (Graduate Minor in Economics), The Ohio State University	2019-2024
Dissertation: Three essays on economic consequences of chronic illness	
Specialties: Health economics, financial toxicity, social determinants of health, causal inference	
M.A., Economics, Miami University	2018-2019
B.S., Economics, University of Michigan	2012-2016

Experience

The Ohio State University (Postdoctoral Scholar and Graduate Student Researcher) 2019-Present

- Lead analyst on large interdisciplinary team of PhDs, MDs, and Biostatisticians, across 10+ projects largely focused on health economics topics. Requires management of multiple project streams simultaneously.
 - One project featured in [USA Today](#) and named [Top Retirement Research Paper of 2023](#).
- Utilize latest econometric and statistical techniques to analyze EHR from multiple hospital systems and Cancer Registry data on a daily basis, to conduct outcomes research.
 - Advanced knowledge (including academic critiques) of difference-in-differences models (e.g. event study DiD), regression discontinuity designs, instrumental variables, linear and logistic regressions. Working knowledge of several other econometric and statistical techniques, including synthetic controls.
- Led the management of the team's 17 TB of data and processes on the Ohio Super Computer, including secure data transfer via SFTP to/from hospital systems and state agencies.
 - Required advanced use of STATA, R, and SQL logic, and basic use of Linux.
- Trained and mentored approx. fifteen analysts in data management, efficient coding, and data visualization, including writing a STATA assessment administered to prospective applicants.
- Taught a 4000-level course on Decision Making to about 20 juniors and seniors (as instructor of record).
 - Required writing lectures, homework, and assessments, and managing the classroom.
 - Necessitated breaking down academic theory and research in a way that undergraduate students could learn the material.
- Individually obtained \$15,000 of grant funding from National Bureau of Economic Research, completed dissertation, [published numerous academic articles](#), and [presented at national conferences](#).
- Routine duties include: contribute to selection of appropriate research design; statistical and econometric modeling; robustness and sensitivity checks; and draft reports, academic articles, and grant management documentation.

Cardinal Health, Inc. (Sr. Analyst, Advanced Analytics, EMERGE Development Program) 2016-2018

- Lead analyst on project that rebalanced sales territories based on volume, sales performance, and geospatial preferences. Ultimately was awarded Best Advanced Analytics Project in 2017 across the entire company.
- Collaborated with multiple Health Networks to provide nearest neighbor benchmarking using CMS data, data science techniques, and visualization.
- Data analyst for strategic pricing team that priced specialty drugs and biosimilars at one of the three largest pharmaceutical distribution companies in the USA with annual revenues of \$200B+.
- Implemented business logic to automate data analysis in SAS for pharmaceutical strategic pricing decisions.

Technical Skills

Advanced Knowledge:

R, STATA, Python, Tableau, SQL, Alteryx

Basic Experience:

SAS, L^AT_EX, Matlab, ArcGIS

Extra Curricular

Married with three children, 2x Ironman triathlete, USSF soccer referee, wine economist and enthusiast