

# Matthew Pesavento

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Date of Birth	20 April 1994	Website	<a href="https://matthewpesavento.github.io">matthewpesavento.github.io</a>
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## Education

### The Ohio State University

Ph.D., Public Policy Analysis | Graduate Minor in Economics 2024  
Dissertation: “Three essays on the economic consequences of chronic illness”  
Specialties: Health economics, financial toxicity, social determinants of health, causal inference

### Miami University

M.A., Economics 2019

### University of Michigan

B.S., Economics 2016

## Experience

### Professional

Flatiron Health Durham, North Carolina

Statistical Programmer, Research Sciences 2025-present

- Provide customized real-world data and real-world evidence solutions to address important oncological research questions.
- Translate analytic specifications from statistical analysis plan into R code using RWD and statistical or econometric methods.
- Collaborate with cross-functional stakeholders across the organization to conduct client-sponsored research.
- Provide mentorship and support for junior colleagues, including regular code review and project leadership.

Cardinal Health, Inc. Dublin, Ohio

Senior Analyst, Advanced Analytics 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.

## Academic

Collaborative for Financial Equity and Inclusion at The Ohio State University      Columbus, Ohio

Post Doctoral Researcher & Graduate Student Researcher

2024-2025, 2019-2024

- 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.

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## Research

### Published

- **Pesavento, M.T.** (2022). The impact of direct to consumer shipping laws on the number and size distribution of U.S. wineries. *Journal of Wine Economics*, 1-26. doi:10.1017/jwe.2022.49
- Dormady, N., Roa-Henriquez, A., Hoyt, M., **Pesavento, M.**, Koenig, G., Welch, W., & Li, Z (2025). How are retail prices formed in restructured electricity markets?. *Energy Economics*, 143. doi:10.1016/j.eneco.2025.108243

### Under Review

- **Pesavento, M.**, Loibl, C., Moulton, S., Haurin, D., Hyer, M., Dalmacy, D., and Joseph, J. *Association of type II diabetes with patient financial outcomes: evidence from consumer credit records*. [Under review at *JAMA Open*]

### Working Papers

- **Pesavento, M.** *The effects of type II diabetes on financial distress and labor Supply: evidence from administrative data*.
- **Pesavento, M.** *The effects of household cancer diagnosis on investment in higher education*. Funded by NBER and Sloan Foundation.
- **Pesavento, M.** *The impact of household cancer diagnosis on the labor supply of young adults*. Funded by NBER and Sloan Foundation.
- Moulton, S., Brown, M., Haurin, D., Loibl, C., and **Pesavento, M.** *Economic security of older adults after the death of a partner: evidence from credit data*.
  - Featured in [USA Today](#).
  - Awarded and named [Top Retirement Research Paper of 2023](#).
- Loibl, C., Moulton, S., Haurin, D., Joseph, J., Hyer, M., Moody, K., Perzynski, A., Einstadter, D., Miller-Hughes, S., and **Pesavento, M.** *Racial disparities in older adults' economic security when experiencing chronic health conditions: insights from electronic health records, wage earnings, and credit data*.
- Chanda, T., Collins, M., Moulton, S., **Pesavento, M.**, and Rhodes, A. *Mind the gap: state reductions in unemployment insurance and credit use among vulnerable households*.
- **Pesavento, M.**, Dormady, N., and Greenbaum, R.. *Moderating the effects of advising characteristics: evidence from a controlled experiment*.

### In Preparation

- **Pesavento, M.**, Maltz, R., and Moulton, S. *The impact of chronic health shocks in children on household labor supply and financial distress*.
- Moulton, S., Padamsee, T., Loibl, C., Brown, M., Haurin, D., and **Pesavento, M.** *Credit Disparities in Widowhood by Race and Gender*.

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### Invited Presentations

Case Western Reserve and MetroHealth System Grand Rounds

April 2025

The association of financial resources and diabetes control: Evidence from administrative data  
Cleveland, Ohio

Association of Public Policy and Management

November 2024

The effects of parental cancer diagnosis on the higher educational outcomes of young adults  
Washington DC

SSA Retirement and Disability Research Consortium	August 2024
Racial disparities in older adults' economic security when experiencing chronic health conditions: insights from electronic health records, wage Earnings, and credit Data	
Washington DC	
Ohio State University Applied Microeconomics Lunch	April 2024
The effects of household cancer diagnosis on investment in higher education	
Columbus, Ohio	
BGSU & OSU Graduate Conference	October 2021
Corked wine: the impact of direct to consumer shipping laws on the size distribution of wineries	
Columbus, Ohio	
Association of Public Policy and Management	November 2019
Explaining resilience actions under repeated disasters: evidence from a controlled experiment	
Denver, Colorado	

## Awards and Grants

National Bureau of Economic Research	
Household Finance Small Grant [\$15,000]	2023
The Ohio State University Graduate School	
University Fellowship	2019

## Teaching

Instructor of Record	
PUBAFRS 4010 Decision Making	AU 2024

## Service

Doctoral Student Representative to College Faculty and Staff Meetings	
Doctoral Student Representative	2023-2024
Ohio State PhD Conference on Real Estate and Housing	
Student Co-Chair	2019-2020, 2020-2021, 2021-2022

## Technical Skills

Basic Experience:  
Advanced Knowledge:

Matlab, SAS, ArcGIS,  $\text{\LaTeX}$   
R, STATA, Python, Tableau

#### Dataset Experience

Experian consumer credit data  
Electronic medical records (Epic)  
Ohio cancer registry (OCISS)  
UI Claims and Wages (Ohio Department of Job and Family Services)  
Higher Education Information System (Ohio Department of Higher Education)

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### Professional Affiliations

American Economic Association (AEA)  
Association for Public Policy Analysis and Management (APPAM)  
Catholic Research Economists Discussion Organization (CREDO)  
American Association of Wine Economists (AAWE)

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### References

#### **Stephanie Moulton**

Professor of Public Policy  
Associate Dean for Faculty and Research  
The Ohio State University  
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#### **Meta Brown**

Associate Professor of Economics  
The Ohio State University  
brown.991@osu.edu

#### **Kurt Lavetti**

Associate Professor of Economics  
The Ohio State University  
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#### **Caezilia Loibl**

Professor of Education and Human Ecology  
Chair of Human Sciences  
The Ohio State University  
loibl.3@osu.edu

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### Extra Curricular

Married with three children, amateur Ironman triathlete, USSF referee (inactive), wine enthusiast  
Last updated: April 2025