

MADISON K. ARNSBARGER

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EDUCATION

Ph.D. in Economics, University of Pittsburgh Expected 2024
Thesis Title: "Essays on Women's Labor and Politics in United States History."
Thesis Committee: Andreas Ferrara, Allison Shertzer, Daniel Berkowitz, Laura Salisbury
M.S. in Economics, University of Pittsburgh 2020
B.A. in Economics and B.S. in Sociology, Virginia Tech, *Magna Cum Laude* 2017

RESEARCH INTERESTS

Labor economics, political economy, economic history.

WORKING PAPERS

"The Political Economy of Women's Suffrage and World War I." (*Job Market Paper*)
"Working Against Booze: How the Civil War Raised Women's Labor Force and Political Participation." with Andreas Ferrara.

WORKS IN PROGRESS

"The Effect of Parental Death on Daughters: Evidence from the U.S. Civil War" with Gregory Niemesh.

PUBLICATIONS

"Modeling Response Time to Structure Fires." with Joshua Goldstein, Claire Kelling, Gizem Korkmaz & Sallie Keller. *The American Statistician* (2019)
"Predicting Postsecondary Trajectories in Virginia High Schools using Publicly Available Data." with Bianica Pires, Ian Crandell, Vicki Lancaster, Sallie Keller, Aaron Shroeder, Stephanie Shipp, Wendy Kang, & Paula Robinson (2018) *Statistical Journal of the IAOS* 34(4), 1-13.

RESEARCH GRANTS AND AWARDS

Troesken Fellowship 2023
Department of Economics, University of Pittsburgh
Cambridge University Press Dissertation Fellowship (\$10,000) 2022
Economic History Association
Social Sciences Doctoral Dissertation Fellowship 2021-2022
The Dietrich School of Arts and Sciences, University of Pittsburgh
Exploratory Travel and Data Grant (\$1,470) 2021
Economic History Association
Arts and Sciences Graduate Summer Fellowship 2020
The Dietrich School of Arts and Sciences, University of Pittsburgh
Arts and Sciences Graduate Fellowship 2018

The Dietrich School of Arts and Sciences, University of Pittsburgh Student Travel Award (\$500)	2017
Center for Data Science and Public Policy, University of Chicago Faculty Choice Award for Best Poster	2016
Biocomplexity Institute Research Symposium, Blacksburg, VA. Friends of Economics Scholarship (\$1,800)	2016
Virginia Tech Department of Economics, Blacksburg, VA.	

CONFERENCE AND SEMINAR PRESENTATIONS

Social Science History Association 48th Annual Meeting, Washington, DC. (<i>scheduled</i>)	2023
Miami University Department of Economics, Oxford, OH. (<i>scheduled</i>)	2023
Virginia Tech Department of Economics, Blacksburg, VA.	2023
Economic History Association 83rd Annual Meeting, Pittsburgh, PA.	2023
Werner Troesken Memorial Conference, Pittsburgh, PA.	2023
9th World Congress of Cliometrics, Dublin, Ireland.	2023
NBER Summer Institute DAE Graduate Student Session, Virtual.	2023
Applied Microeconomics Brownbag, University of Pittsburgh, Pittsburgh, PA..	2020, 2021, 2022, 2023
Southern Economic Association 92nd Annual Meeting, Fort Lauderdale, FL.	2022
Economic History Association 81st Annual Meeting Poster Session, Tucson, AZ.	2021
Labor Brownbag, University of Pittsburgh, Pittsburgh, PA.	2020
Data Science for Social Good Conference Poster Session, University of Chicago, Chicago, IL.	2017
Biocomplexity Institute Research Symposium Poster Session, Virginia Tech, Blacksburg, VA.	2017

TEACHING EXPERIENCE

Department of Economics, University of Pittsburgh

Instructor (Average Teaching Effectiveness Score)

Senior Capstone on Gender in the Economy (4.9/5)	Summer 2022
Introduction to Macroeconomics (4.6/5)	Summer 2021

Grader

Intermediate Microeconomics, Kevin Shaver.	Spring 2023
Master's of Quantitative Economics Program, Kevin Shaver.	Spring 2021
Master's of Quantitative Economics Program, Richard Van Weelden.	Fall 2020

Teaching Assistant

Introduction to Microeconomics, Neal Becker.	Fall 2022
Introduction to Microeconomics, Kevin Shaver.	Spring 2020
Introduction to Microeconomics, Carey Treado.	Fall 2019

SERVICE

Graduate Student Mentor	2019–Present
Department of Economics, University of Pittsburgh	
Co-Organizer, Graduate Women in Economics	2021–2022
Department of Economics, University of Pittsburgh	
Member, Diversity Committee	2021–2022
Department of Economics, University of Pittsburgh	
Graduate Student Representative, Graduate Committee	2020–2021
Department of Economics, University of Pittsburgh	

PROFESSIONAL MEMBERSHIPS

American Economic Association, Economic History Association, Social Science History Association, Cliometric Society

PROGRAMMING SKILLS

R/RStudio, Stata, Git, L^AT_EX

RESEARCH ABSTRACTS

“The Political Economy of Women’s Suffrage and World War I.” (*Job Market Paper*)

After nearly a century of activism, American women won suffrage rights within one month of WWI’s close with the passage of the Nineteenth Amendment. Wartime mobilization drew thousands of women into traditionally male-dominated industries, altering society’s view on the suitability of women in the workplace and public sphere. This paper studies the effect of women’s labor force participation (LFP) during WWI on political support for the Nineteenth Amendment. I introduce newly-digitized data charting the allocation of women’s labor across war-related industries throughout WWI to show that a 1 S.D. increase in women’s LFP from 1910-20 was associated with a 14-30pp increase in the probability that a congressman supported the Nineteenth Amendment. I implement two identification strategies, difference-in-differences and shift-share instrumental variables, to verify the causality of this relationship. My findings imply that LFP and civic engagement are complements, and that market labor may offer means to widened political rights.

“Working Against Booze: How the Civil War Raised Women’s Labor Force and Political Participation.” with Andreas Ferrara.

After the U.S. Civil War (1861-65), women mobilized politically for the first time as the temperance movement gained traction across the United States. Historians suggest women’s accelerated involvement in the political sphere may have been rooted in elevated rates of domestic violence and unemployment due to Civil War veterans’ use of alcohol to cope with the physical and psychological battle wounds. This paper uses randomness in battle intensity to identify the causal effect of Civil War veteran disability on women’s labor force participation and temperance activism. Our results indicate that a wife or daughter of a disabled veteran was up to 20% more likely to be in the labor force in 1880 relative to wives and daughters of veterans who exited the Union Army regularly. Counties with high disability rates were also more likely to establish a chapter of the Woman’s Christian Temperance Union within a decade of the organization’s establishment. Our findings imply that women’s early political mobilization and labor force participation were important legacies of the Civil War.

REFERENCES

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