

RAYMOND CARAHER

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Office Address

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EDUCATION

Current Institution: University of Massachusetts, Amherst, MA

Doctor of Philosophy, 2025 (expected)

Concentration: Economics

Dissertation: Three Essays on Reproductive Health Policy

University of Massachusetts, Amherst, MA

Master of Arts, 2021

Concentration: Economics

Hampshire College, Amherst, MA

Bachelor of Arts, 2017

Concentration: Economics, Mathematics, and Political Economy

INTERESTS

Health Economics and Policy, Development Economics, Labor Economics, Political Economy

WRITINGS AND PUBLICATIONS

Peer-Reviewed Articles

Caraher, Raymond and Michael Ash. "Genetic Diversity and Economic Development: Assessing the Key Findings in Ashraf and Galor (2013)." *Current Anthropology* (forthcoming).

Pickbourn, Lynda, **Raymond Caraher**, and Léonce Ndikumana. "Does Project-Level Foreign Aid Increase Access to Improved Water Sources? Evidence from Household Panel Data in Uganda." *World Development* 158 (2022). <https://doi.org/10.1016/j.worlddev.2022.105994>. [Data and code

available at: <https://doi.org/10.7910/DVN/I7ASBJ>].

Working Papers

"Reproductive Injustice? A County-Level Analysis of the Impact of Abortion Restrictions on Abortion Rates." *Political Economy Research Institute Working Paper No. 573* (March 2023). <http://dx.doi.org/10.2139/ssrn.4381662>.

"Does Project-Level Aid for Water and Sanitation Improve Child Health Outcomes? Evidence from Household Panel Data in Uganda" (with Lynda Pickbourn and Léonce Ndikumana). *WIDER Working Paper No. 2022/141* (November 2022). <https://doi.org/10.35188/UNU-WIDER/2022/274-4>.

CONFERENCE PRESENTATIONS

"The Effect of an Abortion Ban on Reproductive Health." Student Paper Colloquium, UMass Amherst Department of Economics, Amherst, MA. May 8, 2024.

"The Effect of Abortion Restrictions on Maternal Health Outcomes." Eastern Economic Association, Boston, MA. March 1, 2024.

"Reproductive Injustice? A County-Level Analysis of the Impact of Abortion Restrictions on Abortion Rates." International Association for Feminist Economics Annual Conference, Cape Town, South Africa (virtual). July 6, 2023.

"The Effect of Abortion Restrictions on Abortion Rates." Eastern Economic Association, New York, NY. February 26, 2023.

"The Effect of Abortion Restrictions on Abortion Rates." Student Paper Colloquium, UMass Amherst Department of Economics, Amherst, MA. February 17, 2023.

"Does Project-Level Aid for Water and Sanitation Improve Child Health Outcomes? Evidence from Household Panel Data in Uganda" (with Lynda Pickbourn and Léonce Ndikumana). International Research Conference on the Effectiveness of Development Cooperation, Brussels, Belgium. November 18, 2022.

"The Economic Effects of Abortion Restrictions." International Association for Feminist Economics Annual Conference, Geneva, Switzerland. June 30, 2022.

"Does Project-Level Foreign Aid Increase Access to Improved Water Sources? Evidence from Household Panel Data in Uganda (with Lynda Pickbourn and Léonce Ndikumana)." History and Development Workshop, UMass Amherst Department of Economics, Amherst, MA. April 20, 2022.

TEACHING EXPERIENCE

Instructor of Record

University of Massachusetts, Amherst, MA

- ECON 337: Economics in the Age of Big Data (Fall 2023)
- ECON 103: Introduction to Microeconomics (Summer 2024)

Teaching Assistant

University of Massachusetts, Amherst, MA

- ECON 311: Money and Banking (Spring 2023)
- ECON 103: Introduction to Microeconomics (Fall 2019, Spring 2022)
- ECON 104: Introduction to Macroeconomics (Fall 2018)

OTHER RELEVANT EXPERIENCE

Research Assistant

2019 - 2023

Political Economy Research Institute (PERI)

- Worked on a wide range of projects with PERI faculty on topics related to climate change, labor market policy, unions, and development aid
- Developed empirical methods, conducted data analysis, composed literature reviews, and contributed writing for published manuscripts

Consultant

2022 - 2023

Massachusetts Teachers Association (MTA)

- Compared trends in unionized higher education worker pay in Massachusetts relative to private sector workers using a variety of datasets
- Composed analyses for use in union bargaining with the state of Massachusetts

Research Assistant

2017 - 2018

SageFox Consulting Group, Amherst, MA

- Managed and analyzed large datasets to evaluate NSF, NIH and other grant funded educational programs, especially those focused on promoting underrepresented minority participation in STEM fields
- Prepared reports describing results of analysis

Data Science Assistant

2018

VentureWell, Hadley, MA

- Utilized R to manage and clean survey data from the NSF-sponsored I-Corps program
- Facilitated the migration of new and archived data to the Salesforce Cloud CRM

Research Fellow

2016 - 2017

Hampshire Learning Project, Hampshire College, Amherst, MA

- Conducted qualitative and quantitative data analysis utilizing several databases to evaluate the effectiveness of the Hampshire College curriculum
- Presented results to faculty and staff to advise institutional policy

Mathematics Tutor

2015 - 2017

Quantitative Resource Center, School of Natural Sciences, Hampshire College, Amherst, MA

- Provided homework help for students engaged in quantitative work

- Tutored students in introductory and intermediate college-level math, especially in calculus and statistics

SKILLS

Econometrics and Data Analysis

- Experience with a variety of econometric techniques with a specialty in causal methods such as difference-in-differences, instrumental variables, regression discontinuity, and others
- Skilled in gathering, cleaning, and managing data to prepare for analyses

Software and Programming

- Experience with R, Stata, Python, Microsoft Office Suite, LaTeX, Git, and other software

Writing and Communication

- Ability to compose extended essays and reports
- Experience giving presentations on research

SERVICE

<i>Search Committee</i>	2023 - 2024
Department of Economics, University of Massachusetts, Amherst	
<i>Pedagogy Committee</i>	2022 - 2024
Economics Graduate Student Organization, University of Massachusetts, Amherst	
<i>Allocation Committee</i>	2020 - 2022
Economics Graduate Student Organization, University of Massachusetts, Amherst	

FELLOWSHIPS AND GRANTS

Center for Justice, Law, and Society Fellowship, 2023-2024
Public Writing Fellowship, 2023
University of Massachusetts Amherst Summer Doctoral Fellowship, 2019 - 2023
Lester Mazor Honorific Grant, 2016
Global Migrations Grant, 2016
Community Partners for Social Change Social Justice Scholar Grant, 2016