

## RAYMOND CARAHER

PhD Candidate  
Department of Economics  
University of Massachusetts Amherst  
Email: [rcaraher@umass.edu](mailto:rcaraher@umass.edu)  
Website: <https://www.raymondcaraher.com>

August 31, 2023

### Office Address

106 Gordon Hall  
418 North Pleasant Street  
Amherst, MA 01002  
United States

## EDUCATION

**Current Institution:** University of Massachusetts, Amherst, MA  
Dissertation: Three Essays on the Economics of 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

## WRITINGS AND PUBLICATIONS

### *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 5, 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 (2022). <https://doi.org/10.35188/UNU-WIDER/2022/274-4>.

### *Published 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>].

## **CONFERENCES AND PRESENTATIONS**

"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.

## **RESEARCH ASSISTANCE**

### *Publications with contributions*

Pickbourn, Lynda, Janvier D. Nkurunziza, and Léonce Ndikumana. "Growing the Good and Shrinking the Bad: Output-Emissions Elasticities and Green Industrial Policy in Commodity-Dependent Developing Countries." *United Nations Conference on Trade and Development* Research Paper (2022).

Lala, Chirag, Robert Pollin, Jeannette Wicks-Lim, Shouvik Chakraborty, and Gregor Semieniuk. "State-Level Employment Impacts of Proposed National THRIVE Agenda." *Political Economy Research Institute* Research Report (2021).

Pollin, Robert, Jeannette Wicks-Lim, Shouvik Chakraborty, Caitlin Kline, and Gregor Semieniuk. "A Program for Economic Recovery and Clean Energy Transition in California." *Political Economy Research Institute* Research Report (2021).

Pollin, Robert, Jeannette Wicks-Lim, Shouvik Chakraborty, and Gregor Semieniuk. "Impacts of the Reimagine Appalachia & Clean Energy Transition Programs for Pennsylvania." *Political Economy Research Institute* Research Report (2021).

Pollin, Robert, Jeannette Wicks-Lim, Shouvik Chakraborty, and Gregor Semieniuk. "Impacts of the Reimagine Appalachia & Clean Energy Transition Programs for Ohio." *Political Economy Research Institute* Research Report (2020).

Wicks-Lim, Jeannette. "Estimates of the Potential Costs and Benefits of Extending Overtime Pay Eligibility to All Farmworkers in Massachusetts." *Political Economy Research Institute* Research Brief (2020).

Pollin, Robert, Jeannette Wicks-Lim, and Michael Ash. "Assessment of Wage Rates, Employment Conditions, and Living Standards for the American Postal Workers." *Political Economy Research Institute* Research Report (2019).

"Pedagogical Resources." *JADMAG* Issue 4.2 - What is Political Economy? (2016).

## OTHER RESEARCH 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

## TEACHING EXPERIENCE

*Instructor of Record* 2023  
University of Massachusetts, Amherst, MA

- Designed a syllabus for a course title "The Economics of Big Data"
- Prepared lessons, gave lectures, and graded student assignments

*Teaching Assistant* 2016 - present  
University of Massachusetts and Hampshire College, Amherst, MA

- Prepared lessons, gave lectures, and graded student assignments
- Taught material from the following courses: Money and Banking, Introduction to Macroeconomics, Introduction to Microeconomics, Economic Development, and Political Economy of the Middle East

*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

**GRADUATE COURSEWORK**

- |   |  |
|---|--|
| • Introduction to Economic History  | • Labor Economics (Audit)  |
| • History of Capitalist Development in Europe and the World Economy (Audit) | • Gender, Sexuality, Work, and Pay                                   |
| • Math Methods for Economics  | • Labor Market Structure, Wage Setting, and Institutions             |
| • Economic Development  | • Economics of Identity, Discrimination, and Immigration (Audit)     |
| • Political Economy of Race and Gender                                      | • Introduction to Numerical Computing                                |
| • Microeconomic Theory I  | • Econometric Methods  |
| • Game Theory   | • Advanced Econometrics  |
| • Macroeconomic Theory I  | • Applied Econometrics   |
| • Macroeconomic Theory II   | • Applied Time Series Econometrics                                   |
| • Macroeconomic Theory III  | • Empirical Methods for Labor Economics                              |
| • Open Economy Macroeconomics   | • Behavioral Foundations for Development and the Environment (Audit) |
| • International Finance   |  |

**FELLOWSHIPS, GRANTS AND AWARDS**

**Center for Law, Justice, 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**

**INTERESTS**

Labor Economics; Health Economics; Economics of Race and Gender; Economic Development