

RAYMOND CARAHER

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Office Contact Information

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EDUCATION

Current Institution: University of Massachusetts, Amherst, MA
Concentration: Economics (PhD Candidate)

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

East Chapel Hill High School, Chapel Hill, NC
High School Degree, 2013

WRITINGS AND PUBLICATIONS

Working Papers

“Reproductive Injustice? A County-Level Analysis of the Impact of Abortion Restrictions on Abortion Rates.” *Political Economy Research Institute* (PERI) Working Paper 573 (2023). <https://peri.umass.edu/publication/item/1705-reproductive-injustice-a-county-level-analysis-of-the-impact-of-abortion-restrictions-on-abortion-rates>.

“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* 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

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 (IAFFE), 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 Significant 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* (UNCTAD) 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* (PERI) 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* (PERI) 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* (PERI) 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* (PERI) 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* (PERI) 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* (PERI) Research Report (2019).

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

OTHER RESEARCH EXPERIENCE

Consultant 2022 - present
Massachusetts Teachers Association (MTA)

- Compared trends in unionized higher education workers 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 2019 - present
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

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
- Composed 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

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: 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 CORUSEWORK

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

FELLOWSHIPS, GRANTS AND AWARDS

University of Massachusetts, Amherst Summer Doctoral Fellowship, 2019 - present

Lester Mazon Honorific Grant, 2016

Global Migrations Grant, 2016

Community Partners for Social Change Social Justice Scholar Grant, 2016

INTERESTS

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