

## **RAYMOND CARAHER**

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### **Office Contact Information**

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418 North Pleasant Street  
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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**

#### *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>].

## *Working Papers*

"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>.

## **CONFERENCES AND PRESENTATIONS**

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

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* 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

## **FELLOWSHIPS, GRANTS AND AWARDS**

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

**Lester Mazor Honorific Grant**, 2016

**Global Migrations Grant**, 2016

**Community Partners for Social Change Social Justice Scholar Grant**, 2016

## **GRADUATE COURSEWORK**

- |   |  |
|---|--|
| • Intro. to Economic History  | • Macroeconomic Theory III                               |
| • History of Capitalist Development in Europe and the World Economy | • Open Economy Macroeconomics                            |
| • Math Methods for Economics  | • International Finance                                  |
| • Economic Development  | • Labor Economics  |
| • Political Economy of Race and Gender                              | • Gender, Sexuality, Work, and Pay                       |
| • Microeconomic Theory I  | • Labor Market Structure, Wage Setting, and Institutions |
| • Game Theory   | • Economics of Identity, Discrimination, and Immigration |
| • Macroeconomic Theory I  | • Introduction to Numerical Computing                    |
| • Macroeconomic Theory II   | • Econometric Methods                                    |

- Advanced Econometrics
- Applied Econometrics
- Applied Time Series Econometrics
- Empirical Methods for Labor Economics

### **INTERESTS**

Labor Economics; Economics of Race and Gender; Economic Development