

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

Published Articles

Pickbourn, Lynda, Raymond Caraher, and Léonce Ndikumana. 2022. "Does Project-Level Foreign Aid Increase Access to Improved Water Sources? Evidence from Household Panel Data in Uganda." *World Development* 158 (2022): 105994. <https://doi.org/10.1016/j.worlddev.2022.105994>. [Data and code available at: <https://doi.org/10.7910/DVN/I7ASBJ>]. [Working Paper version available at: <https://peri.umass.edu/component/k2/item/1553-does-project-level-foreign-aid-increase-access-to-improved-water-sources-evidence-from-household-panel-data-in-uganda>].

Working Papers

Genetic Diversity and Economic Development: Assessing the Key Findings in Ashraf and Galor (2013) (with Michael Ash). *UMass Amherst Department of Economics Working Paper* (2018). Available at: <https://www.umass.edu/economics/publications/2018-05.pdf>

PRESENTATIONS AND CONFERENCES

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

RESEARCH EXPERIENCE

Research Assistant 2019 - present

Political Economy Research Institute (PERI), Amherst, MA

- Estimated unionized post office worker pay premiums in comparison to similar workers using CPS data
- Used time series methods to study long-term trends in fossil fuel emissions and economic growth for primary commodity dependant countries
- Analyzed pay rates of Massachusetts farm workers and estimated costs of increased overtime pay by farm size
- Prepared reports and literature reviews for state-level studies on the Green New Deal and other environmental policies

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

Research Assistant 2016 - 2017

Political Economy Project, *Jadaliyya*, Amherst, MA

- Compiled extended bibliography on critical political economy texts, with a focus on the Middle East, as a resource for scholars
- Annotated approximately 100 sources for a manuscript published by *Jadaliyya*

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

ADDITIONAL 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

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

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

INTERESTS

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