

## RAYMOND CARAHER

Department of Economics  
University of Massachusetts, Amherst  
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## EDUCATION

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

**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**

## RESEARCH PROJECTS

*Research Assistant* 2019 - present  
Political Economy Research Institute (PERI), Amherst, MA  
• Worked on numerous projects related to labor unions and similar issues.

*Senior Thesis Research Project* 2016 - 2017  
School of Critical Social Inquiry, Hampshire College, Amherst, MA  
• Successfully replicated econometric results of a paper published in the American Economic Review  
• Applied a critical extension to original results and released as paper with Professor Michael Ash

*Research Project* 2017  
Department of Economics, University of Massachusetts, Amherst, MA  
• Conducted econometric study on the changing nature of North-South and South-South economic relations utilizing VAR, ECM, and Granger Causality techniques  
• Implemented replication of an IMF paper and extended methodology to more recent data

*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*

## 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, 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

*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

*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

*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

## SKILLS

### Econometrics and Data Analysis

- Experience with a variety of econometric techniques
- Skilled in gathering, cleaning, and managing data to prepare for analyses

### Software and Programming

- Extensive experience with R, Stata, Mathematica, Microsoft Office Suite, LaTeX, and other software

### **Writing and Communication**

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

## **WRITINGS AND PUBLICATIONS**

Caraher, R. and Ash, M. "Genetic Diversity and Economic Development: Assessing the Key Findings in Ashraf and Galor (2013)." University of Massachusetts Amherst Department of Economics Working Paper, 2018. Link: <https://www.umass.edu/economics/publications/2018-05.pdf>

Contributions to "Pedagogical Resources." *JADMAG, Issue 4.2 - What is Political Economy?*, 2016.

## **GRANTS AND AWARDS**

**Lester Mazor Honorific Grant, 2016**

**Global Migrations Grant, 2016**

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

**Hampshire College Presidential Scholarship, 2013**

**Boy Scouts of America Eagle Scout Award, 2013**

## **INTERESTS**

Empirical Macroeconomics; Finance; International Economics; Political Economy; Public Policy