

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)

Hampshire College, Amherst, MA
Bachelor of the Arts, 2017
Concentrations: 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