

# Caroline E. Abraham

*Curriculum Vitae, September 2022*

Email: abrahamc@union.edu

Union College, NY

Citizenship: Indian

12308

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## **Professional Experience**

*Union College*

Visiting Assistant Professor

2020-present

## **Education**

*Vanderbilt University*

2013-2020

Ph.D. in Economics

*Vanderbilt University*

2013-2015

M.A. in Economics

*TERI School of Advanced Studies*

2010-2012

M.Sc. in Economics

(awarded in 2013)

*St. Joseph's College of Arts and Sciences*

2006-2009

Bachelor of Arts in Economics, Political Science, Sociology

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**Dissertation title:** Three Essays on the Health, Labour and Enforcement Aspects of the U.S. Clean Air Act

## **Research Fields**

Primary: Environmental Economics, Law and Economics

Secondary: Industrial Organization, Applied Microeconomics

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## **Honors and Fellowships**

Vanderbilt University Graduate Fellowship

Placed in the top 1% of the M.Sc. Economics program at TERI School of Advanced Studies

Awarded gold medals for achieving 1<sup>st</sup> rank in the following majors in Bachelor of Arts at St. Joseph's College: Economics, Political Science, Sociology, English

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### **Teaching experience**

Principles of Economics

Introduction to Environmental Economics

Seminar in Environmental Economics

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### **Working paper**

“Environmental regulation, gentrification and crime: The case of the Clean Air Act” [Abstract: This paper exploits the exogenous variation provided by the 1997 particulate matter rule of the U.S. Clean Air Act (CAA) in order to test the hypothesis that environmental regulation aimed at air pollution had a direct impact on crime rates. Using data from 2000 to 2018, I estimate this impact using both a difference-in-difference framework as well as IV estimation. I find that the CAA led to a statistically significant reduction in crime rates around local law enforcement agencies in nonattainment counties relative to attainment counties. I explore gentrification via rising property values as a possible mechanism as to why the CAA reduced crime. I find that rises in property values arising from nonattainment status led to decreases in crime rates in both high income and low minority tracts. A similar effect was not seen in either high minority or low income tracts. JEL: Q50, Q53, Q58.]

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### **Work in progress**

“Fracking-related air pollution and mortality: a national study”

“Fracking moratoriums and mortality: A case study of New York and Pennsylvania”

“Affordable housing and air pollution: are affordable housing units located in more polluted areas?”

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### **Conference attendance:**

1) Allied Social Sciences Associations (ASSA) 2020

2) Association of Environmental and Resource Economists (AERE) Summer Conference

2021

3) 8th IZA Workshop: Environment, Health and Labor Markets 2021

### **Computing Skills**

STATA, LaTeX, R

### **Languages**

English (native), French (basic), Malayalam (basic), Hindi (basic)