

# Clayson Shumway

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## EDUCATION

Ph.D. in Economics, North Carolina State University, Raleigh, NC	2021 – 2026 (expected)
► Dissertation: “ <i>Essays on Trade and the Environment</i> ”	
► Committee: Profs. Harrison Fell (Co-Advisor), Roger von Haefen (Co-Advisor), Raymond Guiteras & Andrew Greenland	
M.S. in Economics, North Carolina State University, Raleigh, NC	2021 – 2023
B.A. in Economics, Brigham Young University, Provo, UT	2016 – 2020

## RESEARCH FIELDS

Environmental Economics, International Economics

## PUBLICATIONS

*"Workplace disruptions, judge caseloads, and judge decisions: Evidence from SSA judicial corps retirements,"* with Riley Wilson, **Journal of Public Economics** (January 2021)

*"statacons: An SCons-based build tool for Stata,"* with Raymond Guiteras, Brian Quistorff, Ahn Kim, **Stata Journal** (2023)

# WORKING PAPERS

## **“Trade War and Ambient Air Pollution,” Job Market Paper**

- **Abstract:** I analyze the effect of the 2018 trade war on ambient levels of air quality in the United States of America. Domestic tariffs placed by the US on imported foreign goods and foreign tariffs applied to US exports by other countries both impact US production, which can translate into emissions. Using the EPA's Air Quality dataset, PM2.5 monitor readings, and satellite PM2.5 data, I implement a shift-share methodology to demonstrate that exposure to foreign tariffs results in a modest improvement in air quality, with null results for exposure to domestic tariffs. I provide insight and empirical evidence on the existence and magnitude of pollution haven effects.

## *“Clouded Thoughts: Environmental Factors and Their Impact on the North Carolina State Lottery”*

# WORK IN PROGRESS

*“Interactions between Heat, Incentive Structure, and Peer Effects,”* with Andrew Ireland

## RESEARCH EXPERIENCE

CEnREP Research Fellowship, NCSU, Raleigh, NC	Summer 2025, Summer 2023
Poole College of Management Research Fellowship, NCSU, Raleigh, NC	Summer 2024
Research Assistant for Riley Wilson, Brigham Young University, Provo, UT	Summer 2024
► Workplace disruptions, judge caseloads, and judge decisions: Evidence from SSA judicial corps retirements	

## TEACHING EXPERIENCE

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Instructor, NC State University	2022 – Present
▶ Principles of Macroeconomics: 8 sections - Fall 2022 - Fall 2025	
▶ Principles of Microeconomics: 2 sections - Fall 2024	
Graduate Teaching Assistant, NC State University	2021 – 2023
▶ Principles of Microeconomics (Undergraduate-Level): Fall 2021, Spring 2021, Fall 2023	
▶ Intro to Price Theory (Undergraduate-Level): Fall 2023	

## SKILLS

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Programming: Python, STATA

Language: English (native), Spanish (fluent)

## PRESENTATIONS

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AERE Annual Conference (Albuquerque, NM)	2025
Southern Economic Association (Tampa, FL)	2025

## MISCELLANEOUS

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IndyWeek Best Trivia Night in Chatham County	2025
USTFCCA Track and Field All-American (Steeplechase)	2018
USTFCCA Cross Country All-American	2018