

Colin Jareb

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EDUCATION

- University of Colorado Boulder
 - Ph.D., Economics, Expected May 2023
 - * Advisor: Sergey Nigai
 - M.A., Economics, May 2019
- University of North Carolina, Charlotte
 - B.S., Mechanical Engineering, *Cum Laude*, May 2017
 - * Minor in Mathematics

RESEARCH INTERESTS

International Trade, Economic Geography, Applied Microeconomics

WORKING PAPERS

Trade Policy and the Decline of the Labor Share, *Job Market Paper*

Abstract In this paper I analyze the impact of tariffs on US imports that are used as inputs to manufacturing on labor market outcomes. I develop theoretical predictions using a model of final goods production in which firms combine labor, capital, and intermediate inputs. Utilizing changes in tariff rates and local employment in the input sector, I develop a sector- and state-specific measure of exposure to tariffs in input markets. I estimate the effect of input market tariff exposure on labor market outcomes with a three-way fixed effects regression. An increase in tariff exposure is associated with increases in employment and wages; however, due to larger increases in output the labor share of output declines. Final goods sectors which are highly concentrated experience larger effects.

Gravity Models and the Law of Large Numbers, with Sergey Nigai

Revise and Resubmit at Economics Letters

Abstract This paper examines the implications of uncertainty in gravity models of trade due to the violation of the Law of Large Numbers (LLN) that we document in the data. When the number of available technologies is finite and the LLN does not hold, the variance of the stochastic component in gravity models is large, which leads to the poor goodness of fit of gravity models and high uncertainty in comparative statics results. We offer a procedure that specifies counterfactual predictions in terms of distributions rather than point estimates and helps to account for such uncertainty.

WORKS IN PROGRESS

International Trade and Regional Inequality: Contemporary Evidence from US States

The Political Economy of Export Promotion Policies: Evidence from Ex-Im Bank Reauthorization Votes, with Danny Kurban and Ge Song

TEACHING

Curriculum Coordinator

Intermediate Microeconomic Theory (Spring 2021)

Graduate Part-Time Instructor, University of Colorado Boulder

Principles of Microeconomics (Fall 2021, Fall 2019)

Intermediate Microeconomic Theory (Spring 2021, Spring 2020- in person then online starting March 2020)

Mathematical Tools for Economists 1 (Fall 2020- Hybrid format)

Teaching Assistant, University of Colorado Boulder

Principles of Microeconomics (Fall 2022, Spring 2019, Fall 2018, Fall 2017)

Intermediate Microeconomic Theory (Spring 2022)

Principles of Macroeconomics (Summer 2019, Spring 2018)

Teaching Assistant, University of North Carolina at Charlotte

Introduction to Engineering (Fall 2015, Spring 2016)

PRESENTATIONS

University of Colorado Boulder Trade Brown Bag (September 2022, April 2022, November 2021, April 2021, September 2020, March 2019)

University of Colorado Boulder Grad Student Brown Bag (April 2020, April 2019)

University of North Carolina at Charlotte Senior Design Expo (May 2017, December 2016)

University of North Carolina at Charlotte Summer Research Symposium (July 2015)

HONORS & AWARDS

Richard C. Meckley Graduate Fellowship, Fall 2021 (\$2000)

Bacon Family ECON Graduate Scholarship, Fall 2020 (\$2000)

Morris E. Garnsey Fellowship, Fall 2019 (\$1000)

Graduate Fellowship, University of Colorado, Fall 2017 (\$5000)

Tau Beta Pi Engineering Honor Society, UNC Charlotte, 2015

SOFTWARE

Matlab, Stata, R, ArcGIS, Latex, Excel

CITIZENSHIP

United States

REFERENCES

Advisor

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University of Colorado Boulder
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Teaching Reference

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