

## SOFIA FERNANDEZ GUERRICO

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### EDUCATION

Ph.D. Economics, University of Illinois at Urbana-Champaign (expected May 2020)

*Dissertation: "Microeconomic Implications of Trade Shocks in Developing Countries"*

Committee: Richard Akresh (chair), Rebecca Thornton, Alexander Bartik, Mark Borgschulte

MS Economics, University of Illinois at Urbana-Champaign, 2016

Licenciada en Economía, Universidad de Buenos Aires, Argentina, 2010. *Cum Laude*

### RESEARCH INTERESTS

Development, Labor, Health, International

### WORKING PAPERS

"The Effects of Trade-induced Worker Displacement on Health and Mortality in Mexico" (**Job Market Paper**)

"Exports, Quality, and Product Differentiation: Evidence from Argentine Manufacturing Firms"

### WORK IN PROGRESS

"The Effect of Job Displacement on Parenting", with Elizabeth Powers and Eunhye Kwak

"Infant Formula Availability, Breastfeeding Duration and Women's Labor Force Participation", with Rebecca Thornton and Mark Borgschulte

"Trade-induced Worker Displacement and Differential Population Adjustments: Implications for Mortality Rate Calculations"

### PROFESSIONAL EXPERIENCE

Research Assistant for Professor Richard Akresh

University of Illinois at Urbana-Champaign, Department of Economics, 2016-2018

Short Term Consultant

World Bank Group, Poverty GP, Dec 2016- Jan 2017

Research Assistant - Consultant

Centro de Investigaciones para la Transformación (CENIT, a research think tank focused on Economic Development, Innovation and Technology), Argentina, 2011- 2013

CENIT is a think tank focused on Economic Development, Innovation and Technology

## **TEACHING EXPERIENCE**

Teaching Assistant. Statistics I (undergraduate)

University of Illinois at Urbana-Champaign, Department of Economics

Fall 2015, Spring 2016, Fall 2018, Spring 2019, Fall 2019

Instructor. Economics I (undergraduate)

University of Buenos Aires, Department of Economics

Spring 2012, Fall 2012, Spring 2013, Fall 2013, Spring 2014

Teaching Assistant. Economic Development (undergraduate)

University of Buenos Aires, Department of Economics

Spring 2011, Fall 2011, Spring 2012, Fall 2012, Spring 2013, Fall 2013, Spring 2014

## **NON-PEER REVIEWED WORK**

“Promoting Innovation in the Service Sector. Towards Productivity and Competitiveness”, with Andrés López and Daniela Ramos, 2013. For Centro de Investigaciones Económicas, Uruguay

“Evaluation of Intermediary Institutions Role in the Implementation of Economic Development policies in Buenos Aires City”, with Laura Goldberg and Daniela Ramos, 2011. For Ministry of Economic Development of Buenos Aires, Argentina (In Spanish)

“Telework, Climate Change and Public Policy”, 2011-2012. Consultant. Team leader: Daniela Ramos. For International Development Research Centre (IDRC, Canada)

“Business Models for Translatinas: Latin American Investments in Asia”, 2011. Consultant. Team Leader: Andrés López. For Economic Commission for Latin American and the Caribbean

“Incentive Schemes in Exports and Investment Promotions in the Service Sector: Suggestions for Paraguay and Uruguay”, 2011. Research Assistant. Team Leader: Andrés López. For Interamerican Development Bank (In Spanish)

“Investment Promotion Strategies: International Evidence and Suggestions for Uruguay”, 2012. Research Assistant. Team Leader: Andrés López. For IDB (In Spanish)

“Development Diagnosis for Argentina”, 2011. Research Assistant. Team Leader: Andres López. For IDB (In Spanish)

## **FELLOWSHIPS AND AWARDS**

Conference Travel Award, University of Illinois at Urbana-Champaign, 2019

Merit-based Summer Fellowship, University of Illinois at Urbana-Champaign, 2015, 2019

Graduate Fellowship, University of Illinois at Urbana-Champaign, 2014-2015

Scholarship for Graduate Studies, University of Illinois at Urbana-Champaign, 2014-2020

Merit-based Graduate Studies Fellowship, Universidad de San Andres, 2011-2012

## **PRESENTATIONS**

2020: PAA Annual Meeting (scheduled)

2019: LACEA-LAMES Annual Meeting

2011: Argentinean Association of Political Economy (AAEP) Annual Meeting

## **ADDITIONAL INFORMATION**

**Languages:** Spanish (native), English (fluent), French (intermediate)

## ABSTRACTS

### “The Effects of Trade-Induced Worker Displacement on Health and Mortality in Mexico” (**Job Market Paper**)

**Abstract:** Recent research in the U.S. links trade-induced job displacement to deaths of despair. Should we expect the same mortality response in developing countries? This paper analyzes the effect of a trade-induced negative shock to manufacturing employment on leading causes of mortality in Mexico between 1998 and 2013. I exploit cross-municipality variation in trade exposure based on differences in industry specialization before China's accession to the WTO in 2001 to instrument for changes in local manufacturing employment. I find trade-induced job loss increased mortality from diabetes, raised obesity rates, reduced physical activity, and lowered access to health insurance. These deaths were offset by declines in mortality from alcohol-related liver disease and ischemic heart disease. These findings highlight that negative employment shocks have heterogeneous impacts on mortality in developing countries, where falling incomes lead to less access to health care and nutritious food, but also reduce alcohol and tobacco use.

### “Exports, Quality, and Product Differentiation: Evidence from Argentine Manufacturing Firms”

**Abstract:** This paper explores the relationship between quality adoption, product differentiation, and export performance. Through tax identification numbers, I match firm-level survey data to administrative customs records containing information about each firm's total value of exports by product type and country of destination. I classify products into differentiated and non-differentiated, and I use ISO 9001 certification as a proxy for firms' ability to produce high quality products. First, I show that firm-product-destination-year unit values are higher for high-quality firms on average. Second, using the 2002 Argentine exchange rate devaluation as a source of variation in export demand, I find that initially high-quality firms increased total export value, export value of differentiated goods to high-income destinations, and investments in R&D more than low-quality firms after the devaluation. These results imply that policies promoting quality adoption may increase firms' exports to high-income markets and help develop a comparative advantage in differentiated products.

## REFERENCES

### **Richard Akresh, Chair**

University of Illinois at Urbana-Champaign  
Department of Economics  
(217) 333-3467  
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### **Rebecca Thornton**

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### **Mark Borgschulte**

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