

# Ignacio Sarmiento Barbieri

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## ACADEMIC EMPLOYMENT

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### National Center for Supercomputing Applications (NCSA-UIUC)

Postdoctoral Research Associate in Data Science in Applied Microeconomics

*August 2018 - August 2020*

## EDUCATION

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### University of Illinois at Urbana-Champaign (UIUC), USA

PhD. in Economics

*August 2018*

Ms. in Statistics

*May 2017*

Ms. in Economics

*May 2014*

### National University of Tucumán - Argentina

B.A. in Economics (with honors)

*Dec 2008*

## RESEARCH INTERESTS

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Primary: Public, Urban, and Real Estate Economics

Secondary: Applied Econometrics, Big Data, and Machine Learning

## PUBLICATIONS

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### Unlocking Amenities: Complementarities in Public Good Consumption

*(Accepted at Journal of Public Economics) with David Albouy and Peter Christensen*

### Do More Eyes on the Street Reduce Crime? Evidence from Chicagos Safe Passage

*Journal of Urban Economics 110 (2019), with Dan McMillen and Ruchi Singh*

## WORKING PAPERS

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### Can't Stop the One-Armed Bandits: The Effects of Access to Gambling on Crime

*with Nicolas Bottan and Andrés Ham*

### Housing Discrimination and the Pollution Exposure Gap in the United States

*with Peter Christensen and Christopher Timmins*

### Emotional Cues and Crime: Spatial and Temporal Evidence from Brazilian Soccer Games

*(R&R Economic Inquiry) with Qi Ge and Rodrigo Schneider*

## OTHER PUBLICATIONS

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### The South American input-output table: Key assumptions and methodological considerations

*CEPAL, NU. ECLAC. 2016. Associate Researcher for Argentina, Ecuador and Paraguay*

## RESEARCH EMPLOYMENT

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### Department of Economics, UIUC. Research Assistant to Roger Koenker

*Jun 2014-Jun 2018*

*In charge of the Econometrics Lab*

### Department of Finance, UIUC. Research Assistant to David Molitor

*Spring 2014*

## TEACHING EXPERIENCE

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### Department of Economics, UIUC

*Teaching Assistant for Microeconomic Principles (ECON 102)*

*Online Course*

*Summer and Winter 2014-2018*

*Face to Face Course*

*Fall 2013*

*Spatial Econometrics Workshop Instructor*  
*9th Midwest Graduate Student Summit in Applied Economics, AERUS* 2016

**Department of Economics, National University of Salta-Argentina**

*Head Teaching Assistant*

*Intermediate Microeconomics* 2009-2012

*Labor Economics* 2009-2012

*Development Economics* 2009-2012

*Mathematical Economics* 2009-2012

**Northern University of St. Thomas Aquinas, Tucumán-Argentina**

*Labor Market, Poverty and Inequality: An Application of the Permanent Household Survey* 2008-2010

**Department of Economics, National University of Tucumán-Argentina**

*Undergraduate Teaching Assistant for Price Theory I & II* 2006-2009

**FELLOWSHIP AND AWARDS**

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**National Center for Supercomputing Applications (NCSA-UIUC)**

*Outstanding Summer 2019 SPIN Mentor* 2019

**American Real Estate and Urban Economics Association (AREUEA)**

*Doctoral Session Travel Grant* 2017

**Regional Science and Urban Economics (RSUE)**

*Outstanding Contribution in Reviewing* 2017

**Department of Economics, UIUC**

*Paul W. Boltz Fellowship* Summer 2017

*Conference travel award* Spring and Fall 2016, Fall 2017

*Econometrics team captain for the VSAE Econometric Games in Amsterdam* 2016, 2017, 2018

*Summer Fellowship* 2015

*Departmental Fellowship* 2012-2013

**United States Department of State**

*Fulbright Scholarship* 2012-2014

**Department of Economics, National University of La Plata - Argentina**

*Best GPA of the 15th cohort Ms. in Economics* 2012

*Departmental Fellowship* 2011-2012

*First CEDLAS Contest, essays on distributional, labor and social issues in Latin America (runner up)* 2009

**Research Council, National University of Tucumán - Argentina**

*Research Fellowship* 2009-2010

**CONFERENCE PRESENTATIONS**

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*pERE-ACES-UIUC, Urbana-Champaign, IL, October, 2019, San Pablo University and National University of Tucumán, Tucumán-Argentina, August 2019, 13th Meeting of the Urban Economics Association, New York City, NY, October 2018. 86th International Atlantic Economic Conference, New York City, NY, October 2018. AEA CTREE Conference 2018, San Antonio, TX, May 2018. 82nd Annual Meeting of the Midwest Economics Association (MEA), Evanston, IL, March 2018. American Real Estate and Urban Economics Association (AREUEA) Doctoral Session, Philadelphia, PA, January 2018. American Real Estate and Urban Economics Association (AREUEA) Doctoral Session, Chicago, IL, January 2016. 7th European Meeting of the Urban Economics Association, Copenhagen, Denmark, May 2017, 11th Meeting of the Urban Economics Association, Minneapolis, MN, November 2016. 47th Annual Conference of the Mid-Continent Regional Science Association. Charlotte, NC, June 2016. 9th Midwest Graduate Student Summit in Applied Economics, Urban and Regional Studies, Urbana-Champaign, IL, April 2016*

## PROFESSIONAL ACTIVITIES

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### Referee

Regional Science and Urban Economics, *Economica*

### Organizing Committees

Econometrics Reading Group organizer, UIUC.

*2015-2016*

26th Annual Meeting of the Midwest Econometrics Group organizing committee, UIUC.

*October, 2016*

8th Regional Conference on Economy and Society, National University of Salta - Argentina.

*October, 2010*

### University Service

Elected Representative of Teachers Assistants to the Board of the Department of Economics. National University of Salta - Argentina.

*2011*

Member of the Advisory Committee on Research Assistantships for Specific Purposes. Research Council of the National University of Salta - Argentina.

*2009*

## SOFTWARE

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### R packages:

RATest: A collection of randomization tests.

*2017*

*with Mauricio Olivares-Gonzalez.* Available on CRAN

ioanalysis

*2019*

*with John Wade.* Available on CRAN

### Skills

R, Stata (advanced), Unix System Administration, SQL, GIS, HTML (intermediate), Matlab, PHP, C++, Fortran (basic)

## PERSONAL INFORMATION

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**Citizenship** Argentinean & Italian

**Languages** Spanish (native), English (fluent), Italian (basic)

## REFERENCES

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PETER CHRISTENSEN

Assistant Professor

University of Illinois at Urbana-Champaign

(203) 506-6724

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DAVID ALBOUY

Associate Professor of Economics

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DANIEL P. McMILLEN

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ROGER KOENKER

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and Professor of Statistics

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DAN BERNHARDT

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