

Ignacio Sarmiento Barbieri

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ACADEMIC EMPLOYMENT

National Center for Supercomputing Applications (NCSA-UIUC)

Postdoctoral Research Associate in Data Science in Applied Microeconomics

August 2018 - August 2020

EDUCATION

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

Primary: Public, Urban, and Real Estate Economics

Secondary: Applied Econometrics, Big Data, and Machine Learning

PUBLICATIONS

Do More Eyes on the Street Reduce Crime? Evidence from Chicago's Safe Passage

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

WORKING PAPERS

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

with Nicolas Bottan and Andrés Ham

Unlocking Amenities: Complementarities in Public Good Consumption

(R&R Journal of Public Economics) with David Albouy and Peter Christensen

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

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

Housing Discrimination and the Pollution Exposure Gap in the United States

with Peter Christensen and Christopher Timmins

OTHER PUBLICATIONS

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

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

RESEARCH EMPLOYMENT

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

Department of Economics, UIUC

Teaching Assistant for Microeconomic Principles (ECON 102)

Online Course

Summer and Winter 2014-2018

Face to Face Course

Fall 2013

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***Department of Economics, National University of Tucumán-Argentina***Undergraduate Teaching Assistant for Price Theory I & II**2006-2009***FELLOWSHIP AND AWARDS**

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**

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

RefereeRegional Science and Urban Economics, *Economica***Organizing Committees**

Econometrics Reading Group organizer, UIUC.	2015-2016
26th Annual Meeting of the Midwest Econometrics Group organizing comitee, 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

R packages:

RATest: A collection of randomization tests. <i>with Mauricio Olivares-Gonzalez.</i> Available on CRAN	2017
ioanalysis <i>with John Wade.</i> Available on CRAN	2019

Skills

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

PERSONAL INFORMATION

Citizenship Argentinean & Italian

Languages Spanish (native), English (fluent)

REFERENCES

PETER CHRISTENSEN Assistant Professor University of Illinois at Urbana-Champaign (203) 506-6724 pchrist@illinois.edu	DAVID ALBOUY Associate Professor of Economics University of Illinois at Urbana-Champaign (217) 300-2654 albouy@illinois.edu
DANIEL P. McMILLEN Professor of Economics University of Illinois at Chicago (217) 333-8930 mcmillen@illinois.edu	ROGER KOENKER William B. McKinley Professor of Economics and Professor of Statistics University of Illinois at Urbana-Champaign (217) 333-4558 rkoenker@uiuc.edu
DAN BERNHARDT IBE Distinguished Professor of Economics University of Illinois at Urbana-Champaign (217) 244-5708 danber@illinois.edu	