

Ignacio Sarmiento Barbieri

Department of Economics, University of Illinois at Urbana-Champaign
214 David Kinley Hall, 1407 W. Gregory Dr. Urbana, IL 61801, USA
srmntbr2@illinois.edu ignaciomsarmiento@gmail.com
+1 (512) 629-6258 ignaciomsarmiento.github.io

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

Unlocking Amenities: Complementarities in Public Good Consumption

(Conditionally Accepted, Journal of Public Economics) with David Albouy and Peter Christensen

WORKING PAPERS

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

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

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

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

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

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

Citizenship Argentinean & Italian

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

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