

Ignacio Sarmiento Barbieri

Departamento de Economía, Universidad de Los Andes
Calle 19A No. 1-37 Este Bloque W, Of. 821, Bogotá, Colombia
i.sarmiento@uniandes.edu.co ignaciomsarmiento@gmail.com
+57 (315) 678-7780 ignaciomsarmiento.github.io

ACADEMIC EMPLOYMENT

Department of Economics, Universidad de los Andes, Colombia
Assistant Professor 2020 -
National Center for Supercomputing Applications (NCSA-UIUC)
Postdoctoral Research Associate in Data Science in Applied Microeconomics 2018 - 2020

EDUCATION

University of Illinois at Urbana-Champaign (UIUC), USA
PhD. in Economics 2018
Ms. in Statistics 2017
Ms. in Economics 2014
National University of Tucumán - Argentina
B.A. in Economics (with honors) 2008

RESEARCH INTERESTS

Primary: Public, Urban, and Real Estate Economics
Secondary: Applied Econometrics, Big Data, and Machine Learning

PUBLICATIONS

Housing Discrimination and the Pollution Exposure Gap in the United States
(Accepted at Review of Economics and Statistics) NBER WP No. 26805, with Peter Christensen and Chris Timmins
Can we stay one step ahead of cheaters? A field experiment in proctoring online open book exams
(Journal of Behavioral and Experimental Economics 90 (2021) 101653)
Emotional Cues and Crime: Spatial and Temporal Evidence from Brazilian Soccer Games
(Economic Inquiry, Vol. 59, No. 1, January 2021, 375-395) with Qi Ge and Rodrigo Schneider
Unlocking Amenities: Complementarities in Public Good Consumption
Journal of Public Economics 182 (2020), NBER WP No. 25107, with David Albouy and Peter Christensen
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
The South American input-output table: Key assumptions and methodological considerations
CEPAL, NU. ECLAC. 2016. Associate Researcher for Argentina, Ecuador and Paraguay

TEACHING

Full Instructor, Department of Economics, University of Los Andes
Thesis Seminar - Econ 4600, Graduate 2021
Doing Economics I - Econ 2205, Undergraduate 2021
Big Data and Machine Learning for Applied Economics - Econ 4676, Graduate 2020-
TA for Microeconomic Principles (ECON 102), Department of Economics, UIUC
Online Course 2014-2018
Face to Face Course 2013
Head TA, Department of Economics, National University of Salta, Argentina
Intermediate Microeconomics 2009-2012
Labor Economics 2009-2012

<i>Development Economics</i>	2009-2012
<i>Mathematical Economics</i>	2009-2012

Undergraduate TA Department of Economics, National University of Tucumán, Argentina
Price Theory I & II 2006-2009

Workshops:

Spatial Econometrics, 9th Midwest Graduate Student Summit in Applied Economics, AERUS 2016
Labor Market, Poverty and Inequality: An Application of the Permanent Household Survey, UNSTA, Tucumán, Argentina 2008-2010

FELLOWSHIPS AND AWARDS

Oustanding 2019-2020 SPIN Mentor, NCSA-UIUC, 2020; *Oustanding Summer 2019 SPIN Mentor*, NCSA-UIUC, 2019; *Doctoral Session Travel Grant*, AREUEA, 2017; *Outstanding Contribution in Reviewing*, RSUE, 2017; *Paul W. Boltz Fellowship*, Department of Economics, UIUC, 2017; *Conference travel award*, Department of Economics, UIUC, 2016, 2017; *Econometrics team captain for the VSAE Econometric Games*, Department of Economics, UIUC, 2016, 2017, 2018; *Summer Fellowship*, Department of Economics, UIUC, 2015; *Departmental Fellowship*, Department of Economics, UIUC, 2012-2013; *Fulbright Scholarship*, United States Department of State, 2012-2014; *Best GPA of the 15th cohort Ms. in Economics*, Department of Economics, UNLP, Argentina, 2012; *Departmental Fellowship*, UNLP, Argentina, 2011-2012; *First CEDLAS Contest, essays on distributional, labor and social issues in Latin America* (runner up), UNLP, Argentina, 2009; *Research Fellowship*, Research Council, UNT, Argentina, 2009-2010; *Second Best GPA of the 2008 cohort in Economics*, UNT, Argentina, 2008; *Third Best GPA of the 2008 cohort of the three majors: Economics, Business, and Accounting*, UNT, Argentina, 2008.

SELECTED CONFERENCE PRESENTATIONS

Department of Economics, University of Andes, Bogotá, Colombia, 2020, Università Cattolica del Sacro Cuore, Milano, Italy, 2020, FEN-Department of Economics, University of Chile, Santiago, Chile, 2020, Department of Economics, University of Los Andes, Santiago, Chile, 2020, University Adolfo Ibañez, Viña del Mar, Chile, 2020, pERE-ACES-UIUC, Urbana-Champaign, IL, 2019, San Pablo University and National University of Tucumán, Tucumán, Argentina, 2019, 13th Meeting of the Urban Economics Association, New York City, NY, 2018. 86th International Atlantic Economic Conference, New York City, NY, 2018. AEA CTREE Conference 2018, TX, May 2018. 82nd Annual Meeting of the Midwest Economics Association (MEA), Evanston, IL, 2018. American Real Estate and Urban Economics Association (AREUEA) Doctoral Session, Philadelphia, PA, 2018.

PROFESSIONAL ACTIVITIES

Referee: Canadian Journal of Economics, Regional Science and Urban Economics, Land Economics, PNUD, Economica, Journal of Environmental Economics and Management

Organizing Committees: Econometrics Reading Group, UIUC, 2015-2016; 26th Annual Meeting of the Midwest Econometrics Group, UIUC, October, 2016

SOFTWARE

R packages:

RATest: A collection of randomization tests	2017
with Mauricio Olivares-Gonzalez. Available at https://CRAN.R-project.org/package=RATest	
ioanalysis	2019
with John Wade. Available at https://CRAN.R-project.org/package=ioanalysis	

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), Classic Latin and Greek (basic)

REFERENCES

Available upon request