Ignacio Sarmiento Barbieri

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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

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

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
(R&R Review of Economics and Statistics) NBER WP No. 26805, 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 Prof. Roger Koenker*   *2014- 2018*
In charge of the Econometrics Lab

Department of Finance, UIUC. *Research Assistant to Prof. David Molitor*   *2014*

TEACHING EXPERIENCE

Department of Economics, UIUC
Teaching Assistant for Microeconomic Principles (ECON 102)

Online Course	*2014-2018*
Face to Face Course	*2013*

Workshop Instructor: "Spatial Econometrics"

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
Workshop Instructor:

"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)

Oustanding 2019-2020 SPIN Mentor	*2020*
Oustanding 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	*2017*
Conference travel award	*2016, 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*

National University of Tucumán, Argentina

Research Fellowship, Research Council	*2009-2010*
Second Best GPA of the 2008 cohort in Economics	*2008*
Third Best GPA of the 2008 cohort of the three majors: Economics, Business, and Accounting	*2008*

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. American Real Estate and Urban Economics Association (AREUEA) Doctoral Session, Chicago, IL, 2016. 7th European Meeting of the Urban Economics Association, Copenhagen, Denmark, 2017, 11th Meeting of the Urban Economics Association, Minneapolis, MN, 2016. 47th Annual Conference of the Mid-Continent Regional Science Association. Charlotte, NC, 2016. 9th Midwest Graduate Student Summit in Applied Economics, Urban and Regional Studies, Urbana-Champaign, IL, 2016

PROFESSIONAL ACTIVITIES

Referee

    Regional Science and Urban Economics, Economica

Organizing Committees

Econometrics Reading Group, UIUC.	*2015-2016*
26th Annual Meeting of the Midwest Econometrics Group, 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 `https://CRAN.R-project.org/package=RATest`

ioanalysis   *2019*
with John Wade. Available on `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 (basic), Classic Greek (basic)