

PABLO E. WARNES

Updated on 10/29/2020

PERSONAL INFORMATION

Nationality: Argentine and Italian

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Website: pewarnes.github.io

Fields of Specialization: Urban Economics, International Trade, Development Economics

EDUCATION

Columbia University <i>PhD in Economics</i>	<i>2015-2021 (expected)</i>
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Columbia University <i>Master of Philosophy in Economics</i>	<i>2015-2018</i>
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Columbia University <i>Master of Arts in Economics</i>	<i>2015-2017</i>
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Universidad de San Andrés <i>Master in Economics</i>	<i>2012</i>
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Universidad de San Andrés <i>Licenciado en Economía</i> <i>Magna cum laude</i>	<i>2008-2012</i>
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JOB MARKET PAPER

Transport Infrastructure Improvements and Spatial Sorting: Evidence from Buenos Aires

How do improvements in the urban transport infrastructure affect spatial sorting between high- and low-skilled workers? In this paper, I leverage individual level panel data on the addresses of more than two million individuals in order to study the effect of the construction of a bus rapid transit system (BRT) in the city of Buenos Aires, Argentina, on the spatial reorganization of residents within the city. I then develop a dynamic quantitative spatial equilibrium model of the city in order to quantify the heterogeneous welfare effects of this BRT system, as well as to study the effect of different counterfactual scenarios on the spatial sorting of workers within the city. My findings suggest that the effects of increasing market access on the share of high-skilled residents is increasing in the initial high-skill share of the neighborhood. For census tracts in neighborhoods with the lowest share of high-skill workers, an increase in market access reduced the share of high-skilled workers living in those census tracts. However, for census tracts with an initially high share of high-skill workers, an increase in market access resulted in an increase in the high-skill share. I show that these spatially differentiated effects led to an increase in the spatial segregation between high and low-skilled residents in the city.

PUBLICATIONS

Published Papers

- **Intergenerational Field Transitions in Economics** (with Facundo Alborno, Antonio Cabrales, and Esther Hauk), *Economics Letters*, Volume 154, 2017.

- **Diferencias educativas entre escuelas privadas y públicas en Argentina** [Educational Differences between Private and Public Schools in Argentina] (with Facundo Albornoz, Melina Furman, Paula Razquin and María Eugenia Podesta), *Desarrollo Económico*, Volume 56, 2016.
- **Country Risk and the Cost of Equity in Emerging Markets** (with Ignacio Warnes), *Journal of Multinational Financial Management*, Volume 28, December 2014.

Other publications

- Resultados PISA en Iberoamérica: desempeños similares, distintos contextos [Results from PISA in Ibero-America: similar outcomes, different backgrounds] (with Facundo Albornoz) in *El Estado de la Ciencia. Principales indicadores de ciencia y tecnología iberoamericanos / interamericanos*, RICyT, 2013.
- Esfuerzos en Educación en Iberoamérica y su vínculo con la investigación y el desarrollo [Educational efforts in Ibero-America and its relationship with Research and Development] (with Facundo Albornoz) in *El Estado de la Ciencia. Principales indicadores de ciencia y tecnología iberoamericanos / interamericanos*, RICyT, 2012.

WORKS IN PROGRESS

- **Welfare and Political Consequences of Public Investment in Amenities. Evidence from Spatial Data in Argentina** (with Teresa Esteban-Casanelles), 2020.
- **The Effects of Advertising On Product Appeal: A Spatial Discontinuity Approach**, 2019.

ACADEMIC EXPERIENCE

Research Experience

- Research Assistant for Eric Verhoogen October 2017 - June 2018
- Research Assistant for Juan Carlos Hallak July 2014 - August 2015
- Research Assistant for Facundo Albornoz December 2012 - July 2014
- Research Assistant for Juan Carlos Hallak April 2013 - July 2013
- Research Assistant for Daniel Heymann 2011

Teaching Experience (Columbia University)

- Teaching Assistant in *Economics of New York City* for Don Davis Spring 2020
- Teaching Assistant in *International Trade* for Réka Juhász Spring 2019, Fall 2017
- Teaching Assistant in *Econometrics I* (MA course) for Mehmet Caner Fall 2018
- Teaching Assistant in *Principles of Economics* for Sunil Gulati Spring 2017
- Teaching Assistant in *Intermediate Macroeconomics* for Xavier Sala-i-Martin Fall 2016

Teaching Experience (Universidad de San Andrés)

- Teaching Assistant in *Monetary Economics* for Daniel Heymann 2013 and 2014
- Instructor in *Topics in Economics of Education* 2013
- Teaching Assistant in *Topics in Macroeconomics* for Daniel Heymann 2012
- Teaching Assistant in *Introduction to Economics* for Christian Ruzzier 2012

SCHOLARSHIPS, FELLOWSHIPS, AWARDS, AND GRANTS

CAF - Development Bank of Latin America Research Grant (\$15,000).	<i>2020</i>
Institute for Latin American Studies (ILAS) Summer Field Research Grant, Columbia U.	<i>2019</i>
Center for Development Economics and Policy (CDEP) Research Grant	<i>2019</i>
Columbia University Doctoral Dissertation Fellowship, Columbia University	<i>2019 - 2020</i>
Columbia University Doctoral Fellowship, Columbia University	<i>2015 - 2021</i>
Merit based full-tuition fellowship, Masters in Economics, Universidad de San Andrés	<i>2012</i>
Award for best undergraduate thesis in Economics, Universidad de San Andrés	<i>2012</i>
Partial-tuition scholarship for undergraduate studies, Universidad de San Andrés	<i>2011</i>
Merit based scholarship for Mathematical Olympiad regional finalists, undergraduate studies, Universidad de San Andrés	<i>2008 - 2010</i>

COMPUTER SKILLS

Computer Languages	C, Mata, Matlab, Julia, Python, R, SQL
Software	ArcGIS, QGIS, Stata

LANGUAGES

Spanish (native), English (fluent), French (intermediate), Italian (basic knowledge).

REFERENCES

David Weinstein

Carl S. Shoup Professor of Japanese Economy
dew35@columbia.edu
212-854-6880

Donald Davis

Ragnar Nurkse Professor of Economics
drd28@columbia.edu
212-854-4037

Réka Juhász

Assistant Professor
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