

# PABLO E. WARNES

Updated on 11/08/2020

## PERSONAL INFORMATION

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Nationality: Argentine and Italian

E-mail address: [pew2116@columbia.edu](mailto:pew2116@columbia.edu)

Website: [pewarnes.github.io](https://pewarnes.github.io)

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

## EDUCATION

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

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### Transport Infrastructure Improvements and Spatial Sorting: Evidence from Buenos Aires

How do improvements in the urban transport infrastructure affect the spatial sorting of residents with different levels of income and education within a city? What are the welfare effects of improving urban transit once we take into account these patterns of spatial sorting? In this paper, I study the effects of the construction of a bus rapid transit system (BRT) on the spatial reorganization of residents within the city of Buenos Aires, Argentina. To do so, I leverage an individual level panel data set of more than two million residents that with which I can describe intra-city migration patterns. I first find reduced form evidence that the construction of the BRT increased the spatial segregation between high and low-skilled residents within the city. I then develop a dynamic quantitative spatial equilibrium model of a city with heterogeneous workers that allows me to quantify the welfare effects of this BRT system while taking into account these spatial sorting patterns. With this quantitative framework, I can measure the average welfare gains for residents that were living near the BRT lines before these were built. I find that welfare gains were very similar between high- and low-skilled workers living in the same locations, but very different within skill levels across locations. Residents living near a BRT line in neighborhoods with the lowest share of high-skilled residents saw welfare gains close to 1% on average, while residents living near a BRT line in neighborhoods with the highest high-skilled share saw welfare gains around 0.5% on average.

## PUBLICATIONS

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### Published Papers

- **Intergenerational Field Transitions in Economics** (with Facundo Albornoz, 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

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- **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

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### 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

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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

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<b>Computer Languages</b>	C, Mata, Matlab, Julia, Python, R, SQL
<b>Software</b>	ArcGIS, QGIS, Stata

## LANGUAGES

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

## REFERENCES

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### **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  
rj2446@columbia.edu  
212-854-4092