

Paula Natalia Barreto Parra

+1 773 312 0198 | pb31@illinois.edu

Fields of Interest

Labor Economics, Urban Economics, Development Economics

Education

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| 2022 – today | University of Illinois at Urbana-Champaign
PhD in Econometrics and Quantitative Economics |
| 2019 | University of Bologna
M.Sc., 110/110 <i>summa cum laude</i> , Economics
Master's thesis "Early Human Capital investment: An Analysis of Children Background and its Association with Parental Choices and Children Development" |
| 2016 | Universidad del Rosario. Bogotá, Colombia
B.Sc., in Economics with a minor in Political Science
Final weighted average 4.14/5 |
| 2016 | Ludwig-Maximilians-Universität. Munich, Germany
International exchange program |

Other Education

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| 2022 | Northwestern University
Causal Inference Workshop
Faculty: Donald Rubin, Pedro Sant'Anna, Rocio Titiunik, Matias Cattaneo |
| 2019 | Duke University
Causal Inference Workshop
Faculty: Joshua Angrist, Donald Rubin, Bringham Frandsen, Jens Hainmueller |

Publications

Atanasov V, **Barreto N**, Franchi L, Whittle J, Meurer J, Weston BW, et al. (2024) Evidence on COVID-19 Mortality and Disparities Using a Novel Measure, COVID excess mortality percentage: Evidence from Indiana, Wisconsin, and Illinois. PLoS ONE 19(1): e0295936. <https://doi.org/10.1371/journal.pone.0295936>

Liss, David T.; Kang, Raymond H.; Cherupally, Manisha; Cooper, Andrew J.; **Barreto-Parra, Paula-Natalia**; Aikman, Cassandra; O'Brien, Matthew J. (2023). Association Between ICD-10 Codes for Social Needs and Subsequent Emergency and Inpatient Use. Medical Care 62(1):p 60-66. doi: 10.1097/MLR.0000000000001948.

Atanasov V, **Barreto N**, Whittle J, Meurer J, Weston BW, Luo Q, Yuan AY, Franchi L, Zhang R, Black B. (2023). Selection Effects and COVID-19 Mortality Risk after Pfizer vs. Moderna Vaccination: Evidence from Linked Mortality and Vaccination Records. Vaccines 11(5):971. <https://doi.org/10.3390/vaccines11050971>

Atanasov V, **Barreto N**, Whittle J, Meurer J, Weston BW, Luo Q, Franchi L, Yuan AY, Zhang R, Black B (2023). Understanding COVID-19 Vaccine Effectiveness against Death Using a

Novel Measure: COVID Excess Mortality Percentage. *Vaccines* 11(2):379.
<https://doi.org/10.3390/vaccines11020379>

Barreto N, Atanasov V, Whittle J, et al. The Effect of the COVID-19 Pandemic on the Elderly: Population Fatality Rates, COVID Mortality Percentage, and Life Expectancy Loss. *Elder Law J.* 2022;30:33-80. <https://pubmed.ncbi.nlm.nih.gov/35936928/>

Working Papers

Barreto-Parra, Paula-Natalia. The Effects of Local Immigration Enforcement on the Construction Sector. Third-year paper requirement

Moghtaderi, Ali, **Barreto Parra, Paula Natalia**, Viragh, Timea, and Black, Bernard. *Individual Healthcare Provider Database, 1999-2021*

Zhang, Ruohao and Atanasov, Vladimir A. and Whittle, Jeffrey and Meurer, John and **Barreto Parra, Paula Natalia** and Black, Bernard. *Effects of Short-Term Air Pollution Exposure on U.S. COVID-19 Mortality*. (Submitted). Available at SSRN: <https://ssrn.com/abstract=4006616>

Work Experience

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| Summer 2025 | National Bureau of Economic Research (NBER)
Internship as research assistantship for Prof. Lena Song in the project "Adolescent Social Media Use and Welfare" |
| 2023 – 2025 | University of Illinois at Urbana-Champaign
Graduate Teaching Assistant for Econ 103 – Macro Principles. Main Instructor Prof. Jose Vazquez |
| Summer 2024 | University of Illinois at Urbana-Champaign
Research Assistant for Prof. Eliza Forsythe
Worked with restricted-access OEWS and QCEW data on site at the Bureau of Labor Economics in Washington DC. |
| 2019 – 2022 | Northwestern University
Post-Baccalaureate Research Fellow
Research on Health Economics under the supervision of Prof. Bernard Black at the Pritzker School of Law and Kellogg School of Management. |
| Spring 2019 | University of Bologna
Research Assistant for Prof. Chiara Monfardini and Prof. Margherita Fort
Data analysis for the paper "On the Intergenerational Transmission of STEM Education among Graduate Students". Available at https://doi.org/10.1515/bejeap-2020-0052 |
| Spring 2013 | Universidad del Rosario
Undergraduate Teaching Assistant for <i>Calculus I</i> |

Honors and Awards

Spring 2025	List of Teachers Ranked Excellent – University of Illinois at Urbana-Champaign
Fall 2024	List of Teachers Ranked Excellent – University of Illinois at Urbana-Champaign
Spring 2024	List of Teachers Ranked Excellent – University of Illinois at Urbana-Champaign
2017 – 2019	<i>Unibo Action II</i> . Merit-based scholarship from the University of Bologna covering tuition and living expenses
2011 – 2016	<i>Beca de Excelencia Saber 11º</i> . Merit-based scholarship from the Universidad del Rosario covering part of tuition.

Languages

Spanish	Native
English	Advanced
Italian	Advanced
German	Intermediate

Computer Skills

Windows office	Advanced
Stata	Advanced
R	Advanced
Python	Intermediate

Other Interests

Politics, Ultimate Frisbee, Running, Dog training

References

Eliza C. Forsythe

Department of Economics at the University of Illinois at Urbana-Champaign
215 LER Building
504 East Armory Avenue
(217) 244-8481
eforsythe@illinois.edu

David Albouy

Department of Economics at the University of Illinois at Urbana-Champaign
214 David Kinley Hall, 1407 W Gregory Dr, Urbana, IL 61801
Office: 225A
albouy@illinois.edu

Bernard S. Black. Nicholas D. Chabreja Professor

Pritzker School of Law and Kellogg School of Management at Northwestern University
375 East Chicago Ave. Chicago, IL 60611-3069
+1 (312) 503-2784
bblack@northwestern.edu