

# Paula Natalia Barreto Parra

+1 773 312 0198 | pb31@illinois.edu | 408 W Church, Champaign 61820, IL

## Fields of Interest

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Labor Economics, Migration, Development Economics

## Education

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| 2022 – today | University of Illinois at Urbana-Champaign<br>PhD in Econometrics and Quantitative Economics <sup>1</sup>                                                                                                                             |
| 2019         | University of Bologna<br>M.Sc., 110/110 <i>summa cum laude</i> , Economics<br>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<br>B.Sc., in Economics with a minor in Political Science<br>Final weighted average 4.14/5                                                                                                   |
| 2016         | Ludwig-Maximilians-Universität. Munich, Germany<br>International exchange program                                                                                                                                                     |

## Other Education

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

## Publications

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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

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<sup>1</sup> See below for a detailed list of courses attended

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

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

## Honors and Awards

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|-------------|-----------------------------------------------------------------------------------------------------------------------------|
| 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<br>covering tuition and living expenses     |
| 2011 – 2016 | <i>Beca de Excelencia Saber 11º</i> . Merit-based scholarship from the Universidad<br>del Rosario covering part of tuition. |

## Languages

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Spanish Native  
English Advanced  
Italian Advanced  
German Intermediate

## Computer Skills

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Windows office Advanced  
Stata Advanced  
R Advanced  
Python Intermediate

## Other Interests

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Politics, Ultimate Frisbee, Running, Dog training

## References

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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](mailto:eforsythe@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](mailto:bblack@northwestern.edu)

February 2025

## Relevant Coursework

Course Name	Faculty	Term	Grade
ECON 530 – Microeconomic Theory I	Jorge Lemus	Fall 2022	A
ECON 531 – Macroeconomic Theory I	Stephen L Parente	Fall 2022	A
ECON 532 – Econometric Analysis I	Anil K Bera	Fall 2022	A-
ECON 533 – Microeconomic Theory II	Stefan Krasa	Spring 2023	A+
ECON 534 – Macroeconomic Theory II	Shihan Xie	Spring 2023	A-
ECON 535 – Econometric Analysis II	Eun Yi Chung	Spring 2023	A
ECON 590 – Micro Issues in Development	Adam M Osman	Fall 2023	A
ECON 590 – Applied Microeconometrics I	Mark Borgschulte	Fall 2023	A
ECON 590 – Location, Opportunity, Housing	David Yves Albouy	Fall 2023	B
ECON 590 – Labor Economics	Eliza Forsythe	Spring 2024	A
ECON 590 – Applied Public Economics	Benjamin Marx	Spring 2024	A
ECON 590 – Economic Organizations	Theo Durandard	Spring 2024	A
ECON 540 – Labor Economics	Mark Borgschulte	Fall 2024	A