

# Pablo Uribe Botero

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## ACADEMIC BACKGROUND

### B.A. Economics

2018 - 2022

*EAFIT University, Colombia*

GPA: 4.66/5.00. Rank: 1st.

- Quantitative economics track.

*Relevant coursework:* Mathematical Economics (applications of real analysis), Advanced Topics in Econometrics I and II, Time Series, and Topics in Modeling.

- Senior thesis (honors research distinction):

*Acing the Test: Educational Effects of the SaberEs Test Preparation Program in Colombia.* Using secondary and post-secondary education data from 2010 to 2017 in Colombia, I use staggered difference-in-differences methods to explore the effects of a test preparation program on students' high school exit exam scores and access to higher education. This paper was later published in the *Economics of Education Review*.

### Additional Coursework

*Yale University*

Spring 2025

- Coursework: Real Analysis - MATH 255  
Grade: A-
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## RESEARCH

### Journal Articles:

- “Acing the Test: Educational Effects of the *SaberEs* Test Preparation Program in Colombia”  
(with Christian Posso and Estefania Saravia)  
*Economics of Education Review*, 97 (2023): 102459.

### Working papers:

- “Life in the Health Lane: The Professional Trajectories of Healthcare Workers in Colombia”  
(with Grey Ceballos, Daniel Márquez, and Christian Posso) [[latest draft](#)]

### Work in progress:

- “Knockin’ on Retirement’s Door: Health Effects of a Retirement-Age Increase in Colombia”
  - “Heterogeneity in the Returns to Higher Education in Colombia”  
(with Christian Posso and Estefania Saravia)
  - “The Effects of Specialties on Physicians’ Labor Market and Health”  
(with Daniel Márquez, Nicolás Mancera, Christian Posso and Juan D. Rengifo)
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## RESEARCH AND WORK EXPERIENCE

### Pre-Doctoral Fellow - Yale University

July, 2024 - Present

*Supervisors:* [John Eric Humphries](#), [Seth D. Zimmerman](#), and [Christopher Neilson](#)

Performed MVPF calculations and additional estimations for [research](#) on the effects of universal pre-Kindergarten on parents’ earnings. I also built a replication package for the project and created a repository to enable researchers to batch-geocode addresses using APIs (tested with 20M+ addresses).

**Research Assistant - World Bank**

October, 2023 - June, 2024

*Supervisor: [Arlen Guarín](#)*

Monte Carlo simulations for power calculations of cross-cutting RCT in Yemen. Implemented a web-scraping algorithm to perform high-frequency checks of an RCT registration in South Sudan. Also built nighttime lights datasets using NASA's API for a slum redevelopment project in Kenya.

**Research Assistant - HKS/EAFIT**

Dec., 2022 - October, 2023

*Supervisor: [Juan E. Saavedra](#)*

Estimated the effects of information-provision RCTs on educational attainment in Colombia. Also performed power calculations and helped design an occupational choice chatbot RCT aimed at public high school students in Colombia's capital.

**Consultant - UNDP**

August, 2022 - February, 2023

Linked the Colombian educational market from 2001-2008 to the formal labor market between 2008-2012. Estimated the returns to higher education to support the [National Human Development Report](#).

**Research Assistant - Colombia's Central Bank**

July, 2021 - June, 2022

*Supervisor: [Christian Posso](#)*

Estimated the effects of a tech pop-up RCT on educational attainment in Colombia. Also replicated the national allocation algorithm for bankrupt health insurer affiliate transfers.

**Research Assistant - EAFIT University**

May, 2019 - June, 2021

*Supervisor: [Santiago Tobón](#)*

Elaborated a policy report on criminal economies and violence in Latin America, and another one on the cocaine industry. Also digitized the 1872 Brazilian Census using OCR software.

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**CONFERENCES****[IEA 20th World Congress](#)**

December, 2023

*EAFIT University, Colombia***[Annual Economics Researcher Network Congress](#)**

December, 2022

*ICESI University, Colombia***[UNU-WIDER Development Conference](#)**

October, 2022

*Universidad de Los Andes, Colombia*

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**CERTIFICATIONS****Managing Successful Field Research**

May, 2024

*Development Impact Group - World Bank***Social-Behavioral-Educational Comprehensive**

October, 2023

*Human Subjects Research - CITI Program***Real analysis with applications in economics (Audit)**

July, 2023

*Universidad del Rosario, Colombia*

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**LANGUAGE AND SOFTWARE SKILLS**

<b>Languages</b>	Spanish (Native), English (Fluent)
<b>Software</b>	Stata, R, $\LaTeX$ , Git, QGIS, MS Office