ANDRÉS FELIPE CAMACHO BAQUERO

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EDUCATION

Oct. 2017	M. A. Economics, Universidad de los Andes, Bogotá.
Jul. 2018	B. Eng. Industrial Engineering, Universidad de los Andes, Bogotá.
Oct. 2015	B.A. Economics, Universidad de los Andes, Bogotá.

ACADEMIC ACHIEVEMENTS

Aug. 2011	Full scholarship funded by Ecopetrol and granted to the highest regional scores on the National Standardized Test (Saber 11), representing Bogotá, Colombia.
Oct. 2010	Second place at XVIII Colombian Chemistry Olympics. Silver medal. Universidad Nacional de Colombia.

PUBLICATIONS

Ham, A., Maldonado, D., Weintraub, M., Camacho, A., Gualtero, D. (2021) Reducing Alcohol-Related Violence with Bartenders: A Behavioral Field Experiment. *Journal of Policy Analysis and Management*. Available here.

Camacho, A. (2017) Forced Migration Effects on Trust and Attitudes Toward Immigrants in Destination Countries: Evidence from the Refugee Crisis in Europe. *CEDE Document N° 50-2017*. Available here.

Working paper: Using Artificial Intelligence in the Request of Pretrial Measures: approaching the Uncertainty in Recidivism Risk (With Daniel Mejía and Lina Navas). Last version available here.

WORK EXPERIENCE

Oct. 2022 – present   **Advisor** to the Head *of the Colombian Institute for the Evaluation of Education (ICFES)*

· Design and lead the creation of an analytics and innovation center for the Institute to enhance decision-making.
· Conduct quantitative analysis of education data and support identifying research opportunities to make evidence-based policies and strategic recommendations on high-quality evaluation, access to education through life trajectories, and achievement gap analysis.
· Strategic planning and alliances with the education sector to leverage and integrate data.

Apr. 2022 – Oct. 2022   **PEC Consultant,** *Inter-American Development Bank, Housing and Urban Development Division, "Women's access to mortgage markets in Latin America and the Caribbean" Supervisor:* Nora De Libertun.

· Prepared an in-depth review of the literature on women's access to mortgages, focusing on LAC countries
· Designed and implemented a robust methodology using a Blinder-Oaxaca decomposition.
· Elaboration of a complete research document to estimate the gender gap in access to mortgage markets.

Oct. 2018 – Oct. 2022   **Specialized Analyst,** *Head of Policy and Strategy Office, Office of the Attorney General of Colombia, Bogotá*

· Designed the framework, data analysis, and implementation of machine-learning-based predictive models to build a decision tool for improving decision-making in the request of pre-trial incarceration.
· Carried out cleaning and data analysis of large databases, reports automatization, and prosecutors' caseload efficiency.
· Designed and implemented quantitative methodologies for public policy evaluation related to domestic violence, killing of social leaders and ex-combatants, judicial reforms, juvenile crime, and surveillance cameras.

Apr. 2018 – Oct. 2018   **Consultant**, *Fundación Bavaria, District Secretary of Security, and School of Government, Universidad de Los Andes.*

· Design of a randomized intervention, analyzed datasets and wrote the final report for a project aiming to reduce alcohol-related violence through a program for bartenders in Bogotá.

Jan. 2013 – Jul. 2018 **Research Assistant,** *Research centers (CEDE & CESED), Universidad de Los Andes*

· "*Cognitive Behavioral Therapy-Based Intervention to Promote Social Reintegration and Minimize Recidivism among Juvenile Offenders*" with Arturo Harker (School of Government) and Andrés Molano (Education Department)
  · Supported the spatial analysis, data management, econometric analysis, and impact evaluation.
· "*Higher Education in Colombia: Achievement in Quality, Efficiency, and Equity*" with Fabio Sánchez and Hernando Bayona (Education Department)
  · Computation of the economic efficiency of higher education institutes through SFA and DEA models, and supported the writing of a forthcoming book.
· "*Prison Overcrowding and Recidivism in Colombia*" with Santiago Tobón
  · Supported the data analysis, and writing of a report about a tool created to manage prison overcrowding based on the risk of re-offending, and helped with data structuring for doctoral thesis on prison conditions and recidivism.
· "*State History and Contemporary Conflict*" with Emilio Depetris-Chauvin
  · Assisted the spatial data analysis for a paper about state-building and contemporary conflict in Sub-Saharan Africa.
· "*Security Perception and Victimization in Bogotá's Public Transport Systems*" with Leonardo García and Jorge Rueda
  · Backed data management, analysis, and standardization of the perception of security and victimization surveys, and the transport service quality surveys, to investigate the relationship with crime reports in Bogotá.

TEACHING EXPERIENCE

Department of Economics, Universidad de los Andes, Bogotá, Colombia
Lecturer:

• *Spatial analysis workshop in ArcGIS*. I designed and structured it to help undergraduate and graduate students analyze georeferenced data and apply spatial analysis tools to solve problems and enhance storytelling with data.	Jan. 2016 - present
• *Spatial data analysis and its applications in Python*	Jul. 2022 - Aug. 2023

Teaching Assistant:

• *Crime Economics* (Masters) to Prof. Daniel Mejía	Aug. 2019 - present
• *Intermediate Econometrics* (B.A.) to Prof. Jorge Bonilla	Aug. 2020 - Dec. 2020
• *Introductory Econometrics* (B.A.) to Prof. R. Laajaj & R. Rosales	Aug. 2015 - Dec. 2019
• *Micro-econometrics* (Masters) to Prof. Ramón Rosales & Luis Melo	Jul. 2016. Jul. 2018
• *Impact Evaluation* (Masters) Prof A. Harker, D. Amador & C. Rodriguez	Jan. 2018 - May. 2018
• *Impact Evaluation* (Masters) Prof. Elisa Cavatorta	Jul. 2017
• *Data Analysis Techniques I* (Masters) Prof. Arturo Harker	Aug. 2017 – Nov. 2017
• *Quantitative Methods I & II* (Specialization) Prof. Ramón Rosales	2016, 2017, 2018

SKILLS

<u>Programing and Software</u>	<u>Languages</u>	<u>Project management</u>
Advanced: Stata, Python, GIS Intermediate: SQL, R, Matlab, LaTeX	Spanish (Native) English (Fluent: **IELTS** 8/9)	Gantt dashboards, leadership, assertive communication

RELEVANT COURSES

Advanced Econometrics (4.04/5)	Applied impact evaluation (4.94/5)
Advanced Microeconomics (4.5/5)	Master Thesis (4.8/5)

REFERENCES

Daniel Mejía, Ph. D
Associate Professor,
Universidad de Los Andes
E-mail: dmejia@uniandes.edu.co

Ana María Ibáñez, Ph. D
Vice-president of Sectors and Knowledge
Inter-American Development Bank (IDB)
E-mail: anaib@iadb.org

Michael Weintraub, Ph. D
Director, Security and Violence Area,
CESED,
Universidad de Los Andes
E-mail: ml.weintraub@uniandes.edu.co

Andrés Molano, Ph. D.
Associate Professor,
Universidad de los Andes
E-mail: a.molano@uniandes.edu.co

Santiago Tobón, Ph. D
Professor of Economics,
Universidad EAFIT
E-mail: stobonz@eafit.edu.co