

ANGELO DOS SANTOS

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POSITIONS

Postdoctoral Research Fellow 2025 - 2027
Population Studies Center, University of Pennsylvania

Scientific Production Coordinator, [DZC Project](#) 2025 - Present
Population Studies Center, University of Pennsylvania

EDUCATION

PhD in Economics 2020 - 2025
University of Houston

M.A. in Economics 2020
Universidade Federal de Pernambuco, Brazil

B.A. in Economics 2018
Universidade Federal de Pernambuco, Brazil

SKILLS

Programming & Computation: Python, Stata, R, Git, SQL, Spark, Google Earth Engine.

Languages: Portuguese (Native), English (Fluent), Spanish (Advanced), French (Basic), German (Basic)

Visual: Microsoft Office, \LaTeX .

JOB MARKET PAPER

[Strategic Environment: Conservation Policies Effectiveness and Strategic Behavior](#)

Abstract: This paper evaluates the environmental impacts of a USAID-funded conservation project in Eastern Zambia that established protected areas within contracted chiefdom boundaries. Using satellite and administrative data merged at the $1\text{km} \times 1\text{km}$ grid level from 2001 to 2023, I apply a Difference-in-Differences strategy to estimate deforestation impacts across Contracted and Non-Contracted Chiefdoms, as well as within Protected and Non-Protected Areas. I find that the program significantly reduced tree cover loss within Protected Areas but had no overall effect at the chiefdom level. No evidence of leakage is observed in Non-Protected Areas, while positive spillovers occur in nearby Non-Contracted Chiefdoms. Effects are more pronounced in areas with greater infrastructure access and population presence. I also document spatial selection, as protected areas were more likely to be located in remote regions with lower baseline deforestation. The results underscore the importance of addressing spatial targeting and incentive structures in conservation policy design.

WORKING PAPERS

[Population burdens of air pollution around the world: Distributions, inequalities, and links to per capita GDP](#)

with Jere Behrman, Emily Hannum, Oscar Morales, Fan Wang

- Analyzes the global population-weighted distribution of air pollution and its relationship to GDP per capita.

WORK IN PROGRESS

Extreme Heat and Air Pollution Risks for Early Childhood Development in Latin America and the Caribbean

with Alexandre Bagolle, Jere Behrman, Florencia Lopez Boo, Emily Hannum, Laura Goyeneche, Oscar Morales, Joaquin Paseyro Mayol, Fan Wang

- Document and discuss the impacts of extreme heat and air pollution exposure on early childhood development.

The gender gap in the market for superstars: evidence from the NYT Best Sellers list
with Chinhui Juhn, Jordan Holbrook, and Yona Rubinstein

- Analyze the reduction of the gender gap among authors featured in the NYT Best Sellers.

Occupations, Sorting and the Gender Wage Gap
With Chinhui Juhn, Yona Rubinstein, Horacio Rueda, Gustavo Sampaio

- Study the determinants of the gender wage gap in Brazil using employer-employee data.

RESEARCH EXPERIENCE

Doctoral researcher, NSF-funded PIRE Project <i>University of Houston</i> <i>Title:</i> Climate risk, pollution, and childhood inequalities in low- and middle-income countries. <i>Partners:</i> World Bank, IDB, ADB, UNICEF, Regional Institute for Population Studies in Ghana, University of Pennsylvania, and the University of Houston.	2023 - Current
Winter intern at the Education Division <i>Inter-American Development Bank, USA</i> <i>Supervisor:</i> Elena Arias Ortiz	2024
USAID Impact Evaluation Team for the Community Forest Program in Zambia <i>Principal Investigator:</i> Heather Huntington	2024 -2025
Research Assistant for Chinhui Juhn and Yona Rubinstein <i>University of Houston, USA.</i>	2021 - 2023
Graduate Research Assistant for FACEPE <i>Universidade Federal de Pernambuco, Brazil</i>	2018 - 2020
Graduate Research Assistant at Núcleo de Estudos Regionais e Urbanos <i>Universidade Federal de Pernambuco, Brazil</i>	2018 - 2020
Undergraduate Research Assistant at PET-Economia - UFPE <i>Universidade Federal de Pernambuco, Brazil</i>	2014 - 2017

TEACHING EXPERIENCE

Instructor, Principles of Microeconomics, University of Houston.	Fall 2023
Teaching assistant, University of Houston.	Fall 2021 - Present
Teaching assistant, Universidade Federal de Pernambuco	Fall 2015, Fall 2016

CONFERENCE PARTICIPATION

Royal Economic Society 2025 Annual Conference, presenter, June 2025.
Population Association of America 2025 Annual Meeting, presenter, April 2025.
STATA Texas Empirical Microeconomics Conference, poster session, November 2024.
Population Association of America 2024 Annual Meeting, poster session, April 2024.

COURSES AND WORKSHOPS

Data Matching event - Young Lives Group <i>University of Oxford, England.</i>	2024
Evaluation of Public Policies and Social Projects <i>Fundação Getúlio Vargas, São Paulo, Brazil.</i>	2020

AWARDS, GRANTS, AND FELLOWSHIPS

Best Poster Award , Population Association of America	2024
Doctoral Student Tuition Fellowship, University of Houston.	2020 - 2025
Cullen Fellowship Travel Grant, University of Houston	2024
Presidential Fellowship, University of Houston.	2020 - 2022
FACEPE Master's Scholarship, Universidade Federal de Pernambuco	2018 - 2020
Best Student Award (BA degree), Universidade Federal de Pernambuco	2017
CNPq Scientific Research Program, Universidade Federal de Pernambuco	2014 - 2017