

# Mattheus Rodrigues da Silva

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## EDUCATION

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### Federal University of Pernambuco (UFPE), PIMES

Ph.D. in Economics

Expected 2026

Advisor: Tatiane A. de Menezes.

CAPES Doctoral Fellow — PDSE Sandwich Program.

Sandwich period: University of York, UK (2023–2024).

Supervisor abroad: Helen Elsey (Health Sciences Dept.).

Research fields: Health Economics, Spatial Econometrics, Climate & Arboviruses.

### Federal University of Rio Grande do Norte (UFRN)

M.Sc. in Economics

2020

Thesis: Determinants of Microcephaly in Northeast Brazil.

Methods: Spatial Tobit, AEDE.

### Federal University of Campina Grande (UFCG)

B.Sc. in Economics

2017

Thesis: External Trade of Brazilian Primary Products in the 21st Century.

## EXPERIENCE

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### GAPPE-UFPE & Ministry of Social Development

Research Assistant — RCT Impact Evaluation (Fomento Rural) Supervisors: Marco Gonzalez-Navarro (UC Berkeley), Vitor Pereira (ENAP), Breno Sampaio (UFPE), Dimitri Szerman (Amazon). 2025

### UFPE — PIMES

Teaching Assistant — Econometrics I

2024

Supervisor: Henrique V. P. Fonseca

### UFPE — Department of Economics

Teaching Intern — Regional Economics I

2024

Supervisor: Tatiane A. de Menezes

### UFPE — PIMES

Teaching Assistant — Econometrics I

2023

Supervisor: Henrique V. P. Fonseca

### UFRN — PPECO

Teaching Intern — Introduction to Econometrics

2019

Supervisor: Janaina Alves

### UFRN — PPECO

Graduate Research Fellow — CAPES

2018–2020

### UFCG — PET Economics

Undergraduate Research Fellow

2015–2017

## PUBLICATIONS

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- “Perfil Socioeconômico do Trabalhador Agrícola no Brasil: Uma Análise Regional” — *Revista da ABET*, 2021.
- “Exportações, Inserção Comercial e Especialização Produtiva” — *Estudo & Debate*, 2020.

- “Informalidade no Mercado de Trabalho: Abordagens Conceituais” — *Pesquisa & Debate*, 2020.
- “Informalidade no Brasil: Aspectos Regionais” — *Revista INTERFACE*, 2019.
- Book chapter: “Insumos Energéticos no Brasil,” in *Ensaio sobre Desenvolvimento Agrícola*, 2017.

## WORK IN PROGRESS

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- “Climate conditions and arboviral diseases: Climatic determinants of Chikungunya incidence in Pernambuco” — Ph.D. Essay.
- “Community as a key mobilization agent: Evaluating bottom-up interventions against *Aedes aegypti*-borne diseases” — Ph.D. Essay.

## RESEARCH PROJECTS

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- “Socio-environmental determinants of Chikungunya chronification and its effects on labor market outcomes.” Uses REPLICK, CADUNICO, RAIS microdata; georeferenced longitudinal analysis; absenteeism and job exit. UFPE (2022–present).
- “Multilateral Cost of Living Index: Inequality and Poverty Applications.” CNPq Universal Grant (2023–present).

## CONFERENCES & PRESENTATIONS

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- 52nd Brazilian Meeting of Economics (ANPEC), 2024.
- 51st ANPEC — Presenter: “Congenital Zika Syndrome: A Spatial Analysis,” 2023.
- 46th Brazilian Econometric Society (SBE), 2024.
- 54th SOBER National Congress — “Energy Inputs in Brazil,” 2016.
- Participation in seminars on Brazilian economy and regional development (2014–2015).

## ADDITIONAL INFORMATION

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- Certifications: ENAP (Impact Evaluation, Ex-Ante Analysis, Statistics), FGV (International Relations), CIEE (Financial Math).
- Scholarships: PET/FNDE (Undergraduate), CAPES (Master), CAPES/UFPE (PhD), CAPES PDSE (Sandwich).
- Volunteering: Editor, Reviewer, Author — *Conjuntura: uma leitura alternativa* (2015–2018).
- Software: Stata, R, Python, LaTeX, QGIS, GeoDa.
- Full publication list: Lattes CNPq.