

# MATTHEUS RODRIGUES DA SILVA

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## EDUCATION

### Universidade Federal de Pernambuco, PIMES-UFPE

Ph.D. in Economics (in progress)

Expected 2026

Advisor: Tatiane A. de Menezes

CAPES fellow. Research: Essays on Health Economics

### Universidade Federal do Rio Grande do Norte, PPECO-UFRN

M.Sc. in Economics

2020

Thesis: Determinants of Microcephaly in Northeast Brazil

(Spatial Econometrics, 2016)

### Universidade Federal de Campina Grande, DECON-UFCG

B.Sc. in Economics

2017

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

## EXPERIENCE

### GAPPE UFPE & Ministry of Social Development (Brazil)

Research Assistant – RCT Impact Evaluation of the Fomento Rural Program

2025

Supervisors: Marco Gonzalez-Navarro (UC Berkeley), Vitor Pereira (ENAP), Breno Sampaio (UFPE), Dimitri Szerman (Amazon)

### UFPE - PIMES

Teaching Assistant – Econometrics I

2024

Supervisor: Prof. Henrique V. P. Fonseca

### UFPE - Department of Economics

Teaching Intern – Regional Economics I

2024

Supervisor: Prof. Tatiane A. de Menezes

### UFPE - PIMES

Teaching Assistant – Econometrics I

2023

Supervisor: Prof. Henrique V. P. Fonseca

### UFRN - PPECO

Teaching Intern – Intro to Econometrics

2019

Supervisor: Prof. Janaina da S. Alves

### UFRN - PPECO

Graduate Research Fellow – CAPES

2018–2020

### UFCG - PET Economia

Undergraduate Research Fellow (PET)

2015–2017

## PUBLICATIONS

- “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 *Ensaios sobre Desenvolvimento Agrícola*, 2017

## WORK IN PROGRESS

- “Climate conditions and arboviral diseases: An analysis of the relationship between climatic variables and the incidence of Chikungunya in Pernambuco” — Ph.D. Thesis Essay.
- “Community as a key mobilization agent: Evaluating the role of bottom-up interventions in the control of *Aedes aegypti*-borne diseases” — Ph.D. Thesis Essay.

## RESEARCH PROJECTS

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- “Socio-environmental determinants of Chikungunya chronification and its effects on labor market outcomes and well-being.” Research uses REPLICK, CADUNICO, and RAIS microdata to georeference affected individuals and analyze how disease chronification relates to absenteeism and job exit rates — UFPE, 2022–present.
- “Multilateral Cost of Living Index: Measurement and Application to Income Inequality and Poverty in Brazil” — CNPq Universal Grant (2023–present).

## CONFERENCES & PRESENTATIONS

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- **52<sup>nd</sup> Brazilian Meeting of Economics (ANPEC)**, 2024
- **51<sup>st</sup> Brazilian Meeting of Economics (ANPEC)** – Presenter: “Congenital Zika Syndrome: A Spatial Analysis of the Determinants of the 2015–2016 Epidemic in Brazil”, 2023
- **46<sup>th</sup> Brazilian Econometric Society Meeting (SBE)**, 2024
- **54<sup>th</sup> SOBER National Congress** – “Energy Inputs in Brazil: A Competitiveness Analysis”, 2016
- Participant in various seminars and academic symposia on Brazilian economy and regional development (2014–2015)

## ADDITIONAL INFORMATION

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- Licenses & Certifications: ENAP (Impact Evaluation, Ex-Ante Analysis, Statistics); FGV (International Relations); CIEE (Financial Math)
- Scholarships: Undergraduate (PET/FNDE), Master’s (CAPES/UFRN), Ph.D. (CAPES/UFPE)
- Volunteering: Editor, Reviewer, and Author – *Conjuntura: uma leitura alternativa* (2015–2018)
- Software: Stata, R, Python, LaTeX, QGIS, GeoDa
- Full publication list available at Lattes CNPq