

EDUCATION

Dept. of Agricultural and Applied Economics, Texas Tech University Lubbock, TX
Ph.D. in Agricultural and Applied Economics 2025 - 2029

- GPA: -/4.00
- Advisor: -
- Dissertation title: -.

Institute of Economics, University of Campinas Campinas, Brazil
M.Sc. in Economics 2022 - 2025

- GPA: 3.89/4.00
- Advisor: Celio Hiratuka
- Thesis title: *The Pharmaceutical Sector in the Age of AI: An Analysis of Technology and Ownership Networks.*

Mackenzie Presbyterian University São Paulo, Brazil
B.Sc. in Economics 2018 - 2021

- GPA: 3.69/4.00
- Advisor: Mariana Piaia Abreu
- Honors Thesis title: *The Brazilian Stock Market Between 2010 and 2020 and the Role of the State from a Network Theory Perspective.* Grade: 10.0/10.0

Federal University of São Carlos (UFSCar) São Carlos, Brazil
B.Sc. in Chemical Engineering (Not Completed) 2015 - 2018

- Undergraduate Research Assistant at The Interdisciplinary Laboratory of Electrochemistry and Ceramics (LIEC)
- Volunteer at the UFSCar Astronomical Observatory

Colégio Bandeirantes São Paulo, Brazil
High School 2012 - 2014

PROFESSIONAL

Free Market Institute Lubbock, Texas
Research Assistant Sep 2025 - present

Instituto Millenium São Paulo, Brazil
Research Associate Apr 2024 - present

Independent Consultant São Paulo, Brazil
Political Consulting Analyst Jan 2022 - present

Saga Systems Brasil São Paulo, Brazil
PIC Marketing Department Jan 2018 - Oct 2021

WORKING PAPERS

1. The overlooked need for Ethics in Complexity Science: Why it matters. Olumide Adisa, Enio Alterman Blay, Yasaman Asgari, Gabriele Di Bona, Samantha Dies, Ana Maria Jaramillo, **Paulo H. Resende**, Ana Maria de Sousa Leitao. *arXiv PrePrint*, 2024.

WORK IN PROGRESS	1. Better Rules for Complex Innovation Systems: An Evolutionary and Austrian Economics Perspective	
	2. Structural Features in Complex Capital: A Motif Analysis from Higher-Order Assortativity (<i>with Mariana Piaia Abreu</i>)	
	3. Political Interference in the Stock Market: Analyzing State-Owned and Mixed-Owned Enterprises in the Brazilian Stock Market (<i>with Mariana Piaia Abreu</i>)	
	4. Workflows and Roadblocks: Gender Differences in Career Mobility and Occupational Networks in Brazil (<i>with Mariana Piaia Abreu</i>)	
CONFERENCE PRESENTATIONS	Assessing Shareholding Interaction Patterns in the Brazilian Stock Market with Higher-Order Assortativity. <i>Conference on Complex Systems</i> , 2023 (<i>with Mariana Piaia Abreu</i>)	
	Photoelectrochemical activity evaluation of $WO_3/BiVO_4$ with electrodeposited Cobalt Phosphate. <i>XXI Brazilian Symposium of Electrochemistry and Electroanalysis</i> , 2017 (<i>with Dyovani Coelho and L. H. Mascaro</i>)	
	Photoelectrochemical evaluation of spray-deposited $MoO_3/BiVO_4$, $WO_3/BiVO_4$ and $Co_xO_y/BiVO_4$ heterojunctions. <i>XXI Brazilian Symposium of Electrochemistry and Electroanalysis</i> , 2017 (<i>with Dyovani Coelho, L. H. Mascaro and N. C. S. Braghini</i>)	
RESEARCH PROJECTS	Country-Risk Index 2025 - Brazil	
	<i>Instituto Millenium & Adam Smith Center at Florida International University</i>	2025
	Bureaucracy Index 2025 - Brazil	
	<i>Instituto Millenium & Adam Smith Center at Florida International University</i>	2025
	The Health Economic-Industrial Complex in the context of the 4th Industrial Revolution: an analysis of the insertion of Brazil in the knowledge and technology networks of Health 4.0	
	<i>UNICAMP-UFF-Fiocruz, CNPQ-MCTI Project</i>	2024-2026
	Country-Risk Index 2024 - Brazil	
	<i>Instituto Millenium & Adam Smith Center at Florida International University</i>	2024
AWARDS	Bureaucracy Index 2024 - Brazil	
	<i>Instituto Millenium & Adam Smith Center at Florida International University</i>	2024
	Ownership Structure of the Brazilian Capital Market: A Complex Network Analysis	
	<i>2020 Mackpesquisa Project (Mackenzie Presbyterian University)</i>	2020 - 2021
	The Federation of Industries of the State of Sao Paulo (FIESP)	
	<i>III FIESP Award in Industrial Economics - Best Master's Thesis (National)</i>	2025

FELLOWSHIPS	Texas Tech University	
	<i>Free Market Institute - PhD Fellowship</i>	2025 - 2028
	University of Campinas	
	<i>CAPES Masters Scholarship</i>	2022 - 2024
	Mackenzie Presbyterian University	
	<i>Mackpesquisa Research Grant</i>	2020 - 2021
	The Fund For American Studies	
	<i>Institute for Leadership in the Americas - Santiago de Chile</i>	Jan-2019
	Discovery Institute - Center on Wealth & Poverty	
	<i>Gilder Fellows' Seminar - Seattle, WA</i>	Aug-2019

SKILLS	Languages: Portuguese (Native), English (Fluent), Spanish (Intermediate), Mandarin (Beginner).
	Programming: R, \LaTeX , VBA, GAMS, Python.