

# Rafael Parente

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## RESEARCH INTERESTS

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Primary: **Macroeconomics, International Trade**  
Secondary: **Development**

## EDUCATION

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<b>Ph.D. in Economics</b> Princeton University	2016–Present
<b>M.A. in Economics</b> Princeton University	2018
<b>M.Sc. in Economics</b> Fundação Getúlio Vargas (EPGE), Rio de Janeiro, Brazil	2016
<b>B.A. in Economics</b> Fundação Getúlio Vargas (EBEF), Rio de Janeiro, Brazil	2014

## REFERENCES

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Stephen J. Redding Department of Economics Princeton University (+1) 609-258-4016 reddings@princeton.edu	Richard Rogerson Department of Economics Princeton University (+1) 609-258-4839 rdr@princeton.edu	Gregor Jarosch Department of Economics Princeton University (+1) 872-226-5343 gregorjarosch@gmail.com	Elizabeth Bogan Department of Economics Princeton University (+1) 609-258-4035 bethbogan@gmail.com
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## CURRENT RESEARCH

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### “Minimum Wages, Earnings Inequality and the Informal Sector” (Job Market Paper)

What are the effects of the minimum wage on inequality in countries with large levels of informality? This paper studies this question in the Brazilian context throughout the 2000s. Using household survey data, I show that, differently from the formal sector, informal earnings inequality did not fall alongside the rapid expansion of the minimum wage. Moreover, I provide reduced-form evidence that the minimum wage increases overall inequality due to its strong, inequality-increasing effects on the informal sector. I then develop a stylized model where heterogeneous firms compete for labor and select into informality, to understand when increasing the minimum wage can increase overall inequality and reduce worker welfare. I extend the model to incorporate worker heterogeneity, calibrate the quantitative framework using Brazilian data, and find that, by generating substantial amounts of informality, the observed increase in the minimum wage is responsible for an 11.5% increase in aggregate inequality. My analysis highlights that the estimated increase in formal enforcement does little in preventing the inequality-increasing effects of the minimum wage. Lastly, I study how changes in the skill composition of workers and the technological skill bias affected earnings inequality and the share of informal labor.

### “Social Security Reforms and Occupational Behavior”

with Pedro Cavalcanti Ferreira

What are the macroeconomic effects of social security reforms in an economy with occupations that are subject to different retirement schemes?

**“Brazil’s Tariff Cuts and Jobs in its Non-traded Sector”**

with Rowan Shi

What are the effects of a trade liberalization on the allocation of workers across firms in the non-traded sector?

**“Trade Shocks and Firm Organization: Evidence from Brazil”**

How do firms in Brazil organize labor within its boundaries, and how the organization of labor is affected by international trade shocks?

**TEACHING EXPERIENCE**

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<b>Teaching Assistant: Introduction to Microeconomics (Undergraduate)</b> Professor Kelly Noonan	Fall 2020 Princeton University
<b>Teaching Assistant: Introduction to Macroeconomics (Undergraduate)</b> Professor Elizabeth Bogan	Fall 2018, Spring 2020 Princeton University
<b>Teaching Assistant: Macroeconomic Theory II (Graduate)</b> Professors Cezar Santos and Felipe Iachan	July 2015–September 2015 Fundação Getúlio Vargas (EPGE)
<b>Teaching Assistant: International Trade (Undergraduate)</b> Professor Erica Diniz Oliveira	January 2015–June 2015 Fundação Getúlio Vargas (EPGE)
<b>Teaching Assistant: Macroeconomic Theory I (Graduate)</b> Professor Rubens Penha Cysne	January 2015–March 2015 Fundação Getúlio Vargas (EPGE)

**RESEARCH EXPERIENCE**

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<b>Research Assistant for Professor Stephen Redding</b>	Princeton University, Spring 2019
<b>Research Assistant for Professor Oleg Itskhoki</b>	Princeton University, Summer 2017
<b>Research Assistant for Professor Pedro Cavalvanti Ferreira</b>	Fundação Getúlio Vargas (EPGE), 2016

**REFEREEING**

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The B.E. Journal of Macroeconomics

**CONFERENCE PRESENTATIONS**

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2019: Society for Economic Dynamics

**PROFESSIONAL EXPERIENCE**

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<b>International Macroeconomics Analyst (Intern)</b> GAP Asset Management	January 2012–March 2013 Rio de Janeiro, Brazil
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**VOLUNTARY EXPERIENCE**

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<b>Organizer of the Student-Only Trade Dinner</b> International Economics Section	2019–present Princeton University
<b>Secretary for the Graduate College Housing Committee</b>	2019–present Princeton University
<b>Voluntary Teaching: Mathematics (High School)</b> NGO: Eu Penso no Futuro   Project: Construindo o Saber	January 2011–December 2011 Rio de Janeiro, Brazil

## PRIZES AND HONORS

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International Economics Section Summer Fellowship, Princeton University	2018-2021
Graduate Fellowship, Princeton University	2016-2022
Fellowship for Master's Studies in Economics, CNPq	2014-2016
Undergraduate Scholarship, Fundação Getúlio Vargas (EBEF)	2011-2014

## OTHER

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<b>Programming:</b>	Fortran, Matlab, Stata, Python (Pandas, NumPy, Matplotlib), $\LaTeX$
<b>Languages:</b>	Portuguese (native), English (fluent), Spanish (elementary)
<b>Citizenship:</b>	Brazilian
<b>Other interests:</b>	Basketball (athlete for Princeton Basketball Club) and rock climbing