

# ISABELA F. DUARTE

Brazilian, J2 visa holder

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## WORK EXPERIENCE

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**Harvard Kennedy School** (expected Nov 2020)

Post-Doctoral Research Fellow, Malcolm Wiener Center for Social Policy, Boston, US

**Harvard Kennedy School** (Jul 2019–Present)

Research Fellow, Malcolm Wiener Center for Social Policy, Boston, US

- Assisted professors Michela Carlana and Desmond Ang with academic research investigating how gender, race and anti-immigration bias impact the lives of marginalized groups.
- Leveraged big data to answer research questions.
- Implemented algorithms and tools for applications in machine learning, web scraping, and interactive dashboards. Used cloud-based cluster servers to analyze big data.
- Managed the several stages of randomized control evaluations: IRB (ethics) approval, grant applications, participant recruitment, power calculations, survey design and data collection, experiment implementation, and final data evaluation.

**Ministry of Finance, Brazil** (2017–2019)

Advisor to the Secretary, Secretariat for Productivity and Competition Advocacy, Brasília, DF

- Advised the Secretary on the implementation of structural reforms agenda, which included the creation of (i) a positive credit score system; (ii) a market based reference rate for Brazil's development bank (BNDES) funding; and (iii) a more transparent system for the registry of movable collateral.
- Introduced and evaluated policies designed to promote competition, innovation, and financial inclusion. Examples include proposals designed to reduce import tariffs on capital goods, discipline anti-dumping actions, redesign local content policy for the oil and gas sector and curtail subsidies to the automotive sector.
- Produced papers to communicate technical findings to policymakers, stakeholders, and the general public, such as guidelines on quantitative techniques for the analysis of cartels' behavior/ damage and an evaluation of the evolution of sectoral market power in Brazil's economy.
- Represented the Secretariat in events and meetings with policymakers and stakeholders.

**National Congress, Brazil** (2010–2011)

Intern

**Central Bank of Brazil** (2009)

Intern

## EDUCATION

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PhD in Economics, Pontifical Catholic University of Rio de Janeiro (PUC-Rio) 2014–2020

MSc in Economics, Pontifical Catholic University of Rio de Janeiro (PUC-Rio) 2012–2014

BA in Economics, University of Brasília (UnB) 2007–2011

## RESEARCH

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### Peer Reviewed Publication

*The Effect of the Availability of Student Credit on Tuition: Testing the Bennett Hypothesis using Evidence from a Large-Scale Student Loan Program in Brazil.* (with João M. P. de Mello). *Economía* (forthcoming).

### Book Chapter

*Brazil's Productivity Challenge: Structural Change versus Economy-Wide Innovation-Based Improvements* (with João M. P. de Mello and Mark Dutz), Ch.4 in *Brazil: Boom, Bust, and the Road to Recovery*, published by International Monetary Fund, Washington, DC (2019).

### Policy Papers

*Estimating Cartel Damages: Advocacy Guidelines by the Secretariat for Productivity and Competition Advocacy*, with de Mello et al. (Nominated for Best Soft Law - Concurrences Antitrust Writing Awards 2019) (also available in Portuguese) (2018).

*A Década Perdida: 2003 – 2012.* (with Vinicius Carrasco and João M. P. de Mello) (in Portuguese) (2016).

### Working Papers

*The Impact of Subsidies for Higher Education: Evidence from Brazil* (JMP)

*The Effect of Credit Constraints on Major Choice: Evidence from a Large Scale Student Loan Program in Brazil*

*The Impact of Water Scarcity on Educational Outcomes: Evidence from a Water Rationing Policy in Brazil*

## FELLOWSHIPS AND AWARDS

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First place in Brazil's National Exam for Admission to Graduate Programs in Economics (ANPEC) (2011)

Nominated for Best Soft Law – Concurrences Antitrust Writing Awards (2019)

Capes Fellowship for PhD Students (2014–2017, 2019)

CNPq Fellowship for Master's studies (2012–2014)

## OTHER PROFESSIONAL ACTIVITIES

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### Presentations

SBE/Anpec (2014), PUC-Rio (2014, 2016, 2019), Lacea\* (2015), Insper\* (2015), Sant'Anna di Pisa\* (2015), SED\* (2016).

\*co-author presentation.

### Media Coverage

*Brazil's Productivity Challenge:* Valor Econômico.

*A Década Perdida:* The Economist, Folha de São Paulo, Veja, G1, Nexo, Valor Econômico, Mercado Popular, Revista Piauí.

*The Effect of the Availability of Student Credit on Tuition:* Correio Braziliense, Estado de Minas.

## LANGUAGE SKILLS

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Portuguese (Native), English (Fluent), Spanish (Advanced).

## TECHNICAL SKILLS

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Proficient in Stata, R, Qualtrics, TeX, and MS Office. Advanced knowledge of Python, ArcGIS, SurveyCTO, MATLAB and SAS.