

RAFAEL DIX-CARNEIRO

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Citizenship: Brazil and United States

POSITIONS

- *Duke University*, Full Professor of Economics, July 2024-
Associate Professor of Economics, 2019-2024
Assistant Professor of Economics, 2013-2019
- *University of Zurich*, Visiting Associate Professor, 2022-2023
- *Yale University*, Visiting Assistant Professor, 2018-2019
- *University of Maryland*, Assistant Professor of Economics, 2011-2013
- *PSR Consultoria*, Research & Development (Energy Markets Modeling), 2002-2005

PROFESSIONAL AFFILIATIONS

- *National Bureau of Economic Research* (NBER), Research Associate (TTI and DEV)
- *Bureau for Research and Economic Analysis of Development* (BREAD), Affiliate
- *International Growth Centre* (IGC), Research Affiliate

EDUCATION

- *Princeton University*, Ph.D. in Economics, 2011
- *Instituto de Matemática Pura e Aplicada* (IMPA), MSc. in Mathematics, 2005
- *Pontifícia Universidade Católica do Rio de Janeiro* (PUC-Rio), Electrical Eng., 2003
- *Ecole Centrale Paris*, Visiting Student, 2000-2001

PUBLICATIONS AND FORTHCOMING PAPERS

1. “Globalization and Inequality in Latin America”
with Brian Kovak
Latin America and Caribbean Inequality Review, July 2023
2. “Globalization, Trade Imbalances and Labor Market Adjustment”
with João Paulo Pessoa, Ricardo Reyes-Heroles and Sharon Traiberman
The Quarterly Journal of Economics, Volume 138 Issue 2 (2023)
3. “Globalization, Trade Imbalances and Inequality”
with Sharon Traiberman
Journal of Monetary Economics, Vol. 133 January (2023)
4. “Trade and Labor Market Adjustment: Recent Research on Brazil”
Meeting Globalization's Challenges: Policies to Make Trade Work for All, edited by Luís Catão and Maurice Obstfeld, Princeton University Press (2019)
5. “Margins of Labor Market Adjustment to Trade”
with Brian Kovak
Journal of International Economics, Vol. 117 March (2019)

6. “Economic Shocks and Crime: Evidence from the Brazilian Trade Liberalization”
with Rodrigo Soares and Gabriel Ulyssea
American Economic Journal: Applied Economics, Vol. 10 Issue 4 (2018)
7. “Trade Liberalization and Regional Dynamics”
with Brian Kovak
American Economic Review, Vol. 107 Issue 10 (2017)
8. “Trade Liberalization and the Skill Premium: A Local Labor Markets Approach”
with Brian Kovak
American Economic Review Papers and Proceedings, Vol. 105 Issue 5 (2015)
9. “Trade Liberalization and Labor Market Dynamics”
Econometrica, Vol. 82 Issue 3 (2014) – Lead Article
 - Recipient of the 2011 WTO Essay Award for Young Economists
 - Reprinted in “Trade and Inequality,” edited by Pinelopi Koujianou Goldberg, The International Library of Critical Writings in Economics, Edward Elgar.
 - Reprinted in “Trade Liberalization,” edited by Romain Wacziarg, The International Library of Critical Writings in Economics, Edward Elgar.
10. “Multi-Product Firms and Exchange Rate Fluctuations”
with Arpita Chatterjee and Jade Vichyanond
American Economic Journal: Economic Policy, Vol. 5 Issue 2 (2013)
11. “Skills, Exports and the Wages of Seven Million Latin American Workers”
with Irene Brambilla, Daniel Lederman and Guido Porto
World Bank Economic Review, Vol. 26 Issue 1 (2012)
12. “Nash Equilibrium in Strategic Bidding: a Binary Expansion Approach”
with Luiz Augusto Barroso, Marcia Fampa, Sergio Granville and Mario Veiga Pereira
IEEE Transactions on Power Systems, Vol. 21 Issue 2 (2006)
13. “Strategic Bidding Under Uncertainty: a Binary Expansion Approach”
with Luiz Augusto Barroso, Marcia Fampa, Sergio Granville and Mario Veiga Pereira
IEEE Transactions on Power Systems, Vol. 20 Issue 1 (2005)

WORKING PAPERS

14. “Understanding Migration Responses to Local Shocks,” June 2023
with Kirill Borusyak and Brian Kovak
15. “Trade and Domestic Distortions: The Case of Informality,” Feb. 2024
with Penny Goldberg, Costas Meghir and Gabriel Ulyssea
Revised and Resubmitted to *Econometrica*

OTHER WRITINGS

16. “International Trade”
with David Atkin, Amit Khandelwal, Laura Boudreau, Isabela Manelici, Brian McCaig, Pamela Medina, Ameet Morjaria, Luigi Pascali, Bob Rijkers and Meredith Startz
VoxDevLit, Vol. 4, Issue 1 (2022)

TEACHING

- International Trade and Labor Markets (Duke, University of Zurich, FGV EESP, PhD level)
- International Trade (Duke, Masters and PhD)
- International Trade II (Yale, PhD level)
- International Trade (Duke, Undergraduate level)
- Core Models in International Trade (Duke, PhD level)
- Advanced Topics in International Trade (Duke, PhD level)
- Topics in International Trade (Maryland, PhD level)
- Economic Statistics (Maryland, Undergraduate level)

RESEARCH GRANTS

- **National Science Foundation** Research Grant SES-1629124 for “Trade and Informality in the Presence of Labor Market Frictions and Regulations,” 2016-2019
- **W.E. Upjohn Institute** Early Career Research Grant for “Economic Shocks and Crime: Evidence from The Brazilian Trade Liberalization,” 2016
- **W.E. Upjohn Institute** Early Career Research Grant for “Trade and Informality in the Presence of Labor Market Frictions and Regulations,” 2015
- **W.E. Upjohn Institute** Early Career Research Grant for “Trade Reform and Regional Dynamics: Evidence from 25 Years of Brazilian Matched Employer-Employee Data,” 2014

HONORS AND AWARDS

- Excellence in Refereeing Award, *American Economic Review*, 2012-2017
- **World Trade Organization** Essay Award for Young Economists, 2011
- Harold W. Dodds Honorific Fellowship, *Princeton University*, 2009-2010
- Fellowship of the Woodrow Wilson Scholars, *Princeton University*, 2008-2010

INVITED KEYNOTE PRESENTATIONS

2024: “The Economics of Informality” Conference in Bogotá
 2022: University of Zurich/University of St Gallen Trade Workshop
 2022: “Trade, Globalization, and Development” Conference at Université de Namur
 2021: GEP/CEPR Annual Postgraduate Conference at the University of Nottingham
 2020: “Globalization, Technology and Labor Markets” ZEW/University of Mannheim

SEMINAR AND CONFERENCE PRESENTATIONS

2025 (*scheduled): Imperial College London

2024 (*scheduled): St. Louis Fed Macro-Trade Workshop; NC State Rethinking The Global Trading System (discussant); PUC-Rio*; National University of Singapore*; Singapore Management University*; CUHK Shenzhen*; Hong Kong University*; Vanderbilt University

2023: International Trade Workshop at Villars; Geneva Graduate Institute; University of Oxford; London School of Economics; ETH Zurich; University of Mannheim; University of Lausanne; Bank of Italy; Collegio Carlo Alberto; University of Stavanger; University of Oslo; Università della Svizzera Italiana; National Bank of Belgium; ETH Zurich Workshop on International Trade and Labor Markets; IES Princeton Summer Workshop; FGV-EPGE; PUC-Rio; Online Australasian Seminar in International Economics; Peking University; Federal Reserve Bank of New York

2022: University of Colorado Boulder; US International Trade Commission Symposium; Indiana University; Universidad del Rosario; Mid-Atlantic International Trade Workshop; Yale University; Seminário da Associação dos Analistas de Comércio Exterior; Geneva Trade and Development

Workshop; Latin America and Caribbean Inequality Review; Sciences Po; LMU Munich; Aarhus University; LACEA LAMES 2022; University of Zurich

2021: US International Trade Commission; Duke University; Federal Reserve Bank of Cleveland; Youth Economics Initiative EconOlympiad; London School of Economics; Barcelona GSE Structural Microeconometrics; NBER Summer Institute DEV; IBMEC Seminar Series; Johns Hopkins University; LACEA LAMES 2021; Clemson University; Université de Lille; International Monetary Fund

2020: Seminários de Economia Aplicada SBE; World Bank; GEP/CEPR Trade Dynamics Conference (discussant); Buenos Aires Seminars in Economics; McGill University; 42nd Meeting of the Brazilian Econometric Society

2019: Yale University; Bank of England; Banco de Portugal; Georgetown University; Federal Reserve Bank of Philadelphia; Universidad de Los Andes; University of Minnesota; UC Berkeley; University of Oregon; Cowles Structural Microeconomics Conference; NBER Summer Institute ITI; Stanford SITE “Micro and Macro of Labor Markets”; World Bank/GWU/IDB “Urbanization and Poverty Reduction Research Conference”; CIREQ Montreal Macroeconomics Conference; Congreso Anual Red Investigadores de Economía (Cali, Colombia); Mid-Atlantic International Trade Workshop (discussant); Stanford King Center / IGC Firms, Trade and Development; RIDGE Workshop Uruguay

2018: Yale University; Northeastern University; George Washington University; Paris School of Economics; CEMFI; Institute for Fiscal Studies/University College London; University of Oxford; University of Wisconsin-Madison; Secretaria de Assuntos Estratégicos da Presidência do Brasil; Central Bank of Chile; PUC-Rio; FGV-EPGE; Insper; FGV-EESP; Rice University; Pennsylvania State University; World Bank; Princeton University; University of Texas at Austin; Sinergia Workshop on Inequality and Globalization; Firm, Industry and Trade Dynamics – Duke; Becker Friedman Institute Conference on Globalization and Inequality; NBER Summer Institute ITI (discussant); Hitotsubashi Conference on International Trade & FDI

2017: International Monetary Fund; Chinese University of Hong Kong; New York University; Yale University; University of Rochester; Dartmouth College; Carnegie Mellon Heinz; USC/INET Conference on Inequality, Globalization, and Macroeconomics; Firms in Emerging Economies (IESR/Jinan University); NBER Summer Institute (Labor Studies and Crime); Meeting Globalization’s Challenges (IMF); NBER Trade and Labor Markets

2016: Federal Reserve Bank of Richmond; PUC-Rio; FGV-EESP; FGV-EPGE; Columbia University; Yale University; University of North Carolina Chapel Hill; Brown University; BREAD Development Conference (Georgetown)

2015: Inter-American Development Bank; University of British Columbia; University of Georgia; College of William and Mary; Duke University; Federal Reserve Bank of St Louis; Federal Reserve Bank of Atlanta; World Bank; LACEA TIGN (UCLA); REAP International Meetings (Insper); NBER Summer Institute ITI (discussant); EIIT (Purdue)

2014: MIT; FGV-EPGE; IPEA; Insper; PUC-Rio; Bureau of Labor Statistics; Dartmouth College; World Bank; Johns Hopkins SAIS; Yale University; University of Pennsylvania; Princeton University; AEA (discussant); Seminario de Microeconomia Aplicada (PUC-Rio); NBER Summer Institute DEV; LACEA TIGN (discussant); Duke’s Empirical Micro Jamboree; EIIT (Oregon)

2013: INSEAD; PUC-Rio

2012: US International Trade Commission; Johns Hopkins SAIS; Columbia University; University of Virginia; Federal Reserve Bank of New York; Inter-American Development Bank; Duke University; Georgetown University; AEA; Washington Area International Trade Symposium (George Washington); Princeton-Yale Conference on Empirical Strategies in International Political Economy; New Faces in International Economics (discussant); International Growth Centre (Columbia); Cowles Structural Microeconomics Conference (Yale); IMF Annual Research Conference (discussant)

2011: Federal Reserve Board; University of Maryland; Boston College; UCLA; Carnegie Mellon Tepper; University College London; Sciences Po; University of Wisconsin-Madison; University of Pennsylvania; University of Rochester; PUC-Rio; FGV/EESP; Northwestern University; Temple University; New Faces in International Economics (Penn State); NBER Summer Institute ITI; European Trade Study Group; Southern Economics Association

2010: Federal Reserve Bank of New York; Federal Reserve Board; PUC-Rio; World Bank; Society of Labor Economists; Meeting of the Danish Micro-Econometrics Network; NEUDC (MIT); EIIIT (Chicago Booth)

SHORT/MEDIUM TERM VISITING POSITIONS

- *PUC-Rio*, Visiting Scholar, Jun 2024
- *FGV-EESP*, Visiting Scholar, Jun 2024
- *Yale University*, Cowles Foundation Visitor, April 2022
- *Bank of England*, One Bank Visitor, March 2019
- *University of Texas at Austin*, Visiting Scholar, Nov 2018
- *Yale University*, Cowles Foundation Visitor, Sep 2017
- *Yale University*, Cowles Foundation Visitor, Nov 2016
- *World Bank*, Office of the Chief Economist for LAC, Visiting Scholar, Jun-Dec 2014
- *PUC-Rio*, Visiting Scholar, Jun 2013
- *Duke University*, Visiting Scholar, Nov 2012
- *Federal Reserve Bank of New York*, Visiting Scholar, Sep 2012
- *Northwestern University*, Visiting Scholar, Nov 2011
- *Federal Reserve Board of Governors*, Dissertation Intern, Jun-Sep 2010
- *Federal Reserve Bank of New York*, Dissertation Intern, Jun-Sep 2009

CONSULTING WORK

- *US International Trade Commission*, Office of Economics, Consultant, July 2021-Current: Technical assistance for the development of dynamic models of trade and labor market adjustment.
- *World Bank*, Finance, Competitiveness & Innovation, Consultant, Sep-Nov 2021: Technical assistance to measure the impacts of trade facilitation in Brazil.
- *World Bank*, Research Department, Consultant, Jun-Sep 2008: Understanding the relationship between exports, skill requirements and wages.
- *World Bank*, Poverty Reduction (Latin America & Caribbean), Consultant, May-Sep 2007: Technical assistance on the Guatemala Poverty Assessment.

PROFESSIONAL ACTIVITIES

- Associate Editor, *Quantitative Economics*, July 2019-
- Editor, *Economía*, the Journal of LACEA, 2018-2023
- Associate Editor, *Economía*, the Journal of LACEA, 2016-2018
- 230+ manuscripts reviewed for: American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, American Economic Journal: Macroeconomics, American

Economic Journal: Microeconomics, American Economic Review, American Economic Review: Insights, Berkeley Electronic Journal of Macroeconomics, Canadian Journal of Economics, Econometrica, Economía, Economic Inquiry, Economic Journal, European Economic Review, Industrial Labor Relations Review, International Economic Review, Journal of Applied Econometrics, Journal of Comparative Economics, Journal of Development Economics, Journal of Economic Behavior & Organization, Journal of Health Economics, Journal of Human Resources, Journal of International Economics, Journal of Labor Economics, Journal of Monetary Economics, Journal of Political Economy, Journal of Political Economy Microeconomics, Journal of Public Economics, Journal of the European Economic Association, Oxford Open Economics, Quantitative Economics, Quarterly Journal of Economics, Rand Journal of Economics, Review of Economic Dynamics, Review of Economic Studies, Review of Economics and Statistics, Revista Brasileira de Economia, Scandinavian Journal of Economics, World Bank Economic Review, World Development

- Grant proposal reviewer for: European Research Council, National Science Foundation, Social Sciences and Humanities Research Council of Canada, Swiss National Science Foundation
- Program Committee for the LACEA-LAMES 2016 Meetings; the LACEA-LAMES 2018 Meetings; the 36th Meeting of the Brazilian Econometric Society; the 2023 European Meeting of the Econometric Society

UNIVERSITY SERVICE

- **Duke University:** Chair of the Junior Recruiting Committee, 2023-2024
Economic Research Initiatives (ERID), Director 2020-
PhD Admissions Committee, 2014-2023
MA Program Advisor, 2022-
Organizer of the Duke Applied Micro Jamboree 2024
Co-organizer of the Duke-NC State International Econ Seminar
- **University of Maryland:** PhD Admissions Committee 2012, 2013

PhD STUDENTS

- Xuan Lin, Duke, In Progress
- Arthur Carvalho Brito, Duke, In Progress
- Barron Tsai, Duke, In Progress
- David Shin, Duke, In Progress
- Nurullah Gulec, Duke, In Progress
- Sung-Ju Wu, Duke, 2024 – Post-Doc at the University of Nottingham then Academia Sinica
- Taehoon Kim, Duke, 2021 – Korea Institute for Industrial Economics and Trade
- Daisy Chen Sun, Yale, 2020 – Compass Lexecon
- Pamela Medina, Duke, 2016 – University of Toronto Rotman
- Ekaterina Roshchina, Duke, 2016 – Post-Doc at the University of Washington then Amazon
- Jeronimo Carballo, Maryland, 2015 – University of Colorado at Boulder
- Lauren Deason, Maryland, 2014 – IFPRI

COMPUTING SKILLS

Fortran, Matlab, Stata, Linux

LANGUAGE SKILLS

Portuguese (Native); English (Fluent); French (Fluent); Spanish (Advanced); German (Beginner)