

# PASCUAL RESTREPO MESA

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## POSITIONS AND EDUCATION

ASSISTANT PROFESSOR OF ECONOMICS, 2017 – PRESENT  
Boston University, Boston, MA, USA

FACULTY RESEARCH FELLOW, ECONOMIC FLUCTUATIONS & GROWTH (EFG); LABOR STUDIES (LS), 2020 – PRESENT  
National Bureau of Economic Research, Cambridge, MA, USA

COWLES FOUNDATION FELLOW, 2016–2017  
Yale University, New Haven, CT, USA

PHD IN ECONOMICS, 2011–2016  
Massachusetts Institute of technology, Cambridge, MA, USA

UNDERGRADUATE DEGREE IN ECONOMICS AND MATHEMATICS, 2011–2016  
Universidad de los Andes, Bogotá, Colombia

## WORKING PAPERS

**1. Not a Typical Firm: The Joint Dynamics of Firms, Labor Shares, and Capital-Labor Substitution.**  
With Joachim Hubmer.

## PEER-REVIEWED PUBLICATIONS

**1. Uneven Growth: Automation's Impact on Income and Wealth Inequality. 2022.** *Econometrica*.  
With Ben Moll and Lukasz Rachel.

**2. Tasks, Automation, and the Rise of US Wage Inequality. 2022.** forthcoming, *Econometrica*  
With Daron Acemoglu.

**3. AI and Jobs: Evidence from Online Vacancies. 2022.** forthcoming, *Journal of Labor Economics*  
With Daron Acemoglu, David Autor and Joe Hazell.

**4. Demographics and Automation. 2022.** *Review of Economic Studies*  
With Daron Acemoglu.

**5. Scarcity Without Leviathan: The Violent Effects of Cocaine Supply Shortages in the Mexican Drug War. 2020.** *Review of Economics and Statistics*.  
With Juan Camilo Castillo and Daniel Mejia.

**6. Democracy Does Cause Growth. 2020.** *Journal of Political Economy*.  
With Daron Acemoglu, Suresh Naidu and James Robinson.

**7. Robots and Jobs: Evidence from US Local Labor Markets. 2019.** *Journal of Political Economy*.

With Daron Acemoglu.

**8. The Race Between Man and Machine: Implications of Technology for Growth, Factor Shares and Unemployment. 2018.** *American Economic Review*.

With Daron Acemoglu.

**9. Regulatory Protective Measures and Risky Behavior: Should We Be Saved from Ourselves? 2017.** *Journal of Public Economics*.

With Alberto Chong.

**10. On the Effects of Enforcement on Illegal Markets: Evidence from A Quasi Experiment in Colombia. 2017.** *World Bank Economic Review*.

With Daniel Mejia and Sandra Rozo.

**11. The Economics of the War on Illegal Drug Production and Trafficking. 2016.** *Journal of Economic Behavior and Organizations*.

With Daniel Mejia.

**12. Crime and Conspicuous Consumption. 2016.** *Journal of Public Economics*.

With Daniel Mejia.

#### NON-REFEREED AND INVITED PUBLICATIONS, CHAPTERS, AND OTHER WRITINGS

**1. Automation and the Workforce: A Firm-Level View from the 2019 Annual Business Survey. 2022.** *CRIW Conference on Technology, Productivity, and Economic Growth*.

With Daron Acemoglu, Gary Anderson, David Beede, Catherine Buffington, Eric Childress, Emin Dinlersoz, Lucia Foster, Nathan Goldschlag, John Haltiwanger, Zachary Kroff and Nikolas Zolas.

**2. Does the US Tax Code Favor Automation? 2020.** *Brookings Papers in Economic Activity*.

With Daron Acemoglu and Andrea Manera.

**3. Unpacking Skill Bias: Automation and New Tasks. 2020.** *AEA, Papers and Proceedings*.

With Daron Acemoglu.

**4. Competing with Robots: Firm-level Evidence from France. 2020.** *AEA, Papers and Proceedings*.

With Daron Acemoglu and Claire Lelarge.

**5. Automation and New Tasks: How Technology Displaces and Reinstates Labor. 2019.** *Journal of Economic Perspectives*.

With Daron Acemoglu.

**6. Modeling Automation. 2018.** *AEA, Papers and Proceedings*.

With Daron Acemoglu.

**7. Low-skill and High-skill Automation. 2018.** *Journal of Human Capital*.

With Daron Acemoglu.

**8. Artificial Intelligence, Automation and Work. 2017.** *The Economics of Artificial Intelligence, NBER*

With Daron Acemoglu.

**9. Secular Stagnation? The Effect of Aging on Economic Growth in the Age of Automation.** 2017. *American Economic Review, Papers and Proceedings*.

With Daron Acemoglu.

**10. Democracy, Redistribution and Inequality.** 2014 *Handbook of Income Distribution*.

With Daron Acemoglu, Suresh Naidu and James Robinson.

**11. Why is Strict Prohibition Collapsing?** 2014. *Ending the Drug Wars, Report of the LSE Expert Group on the Economics of Drug Policy*.

With Daniel Mejia.

**12. The War on Illegal Drugs in Producer and Consumer Countries: A Simple Analytical Framework.** 2011. *Illicit Trade and the Global Economy*. With Daniel Mejia.

**13. Un Recorrido por la Combinatoria.** 2010. (A Pathway Through Combinatorics)—math book on problem solving written in Spanish) published by *Universidad Antonio Narino, Bogota Colombia*.

#### PROFESSIONAL ACTIVITIES AND REFEREEING AWARDS

**Program Committee**, *Labor and Employment Relations Association, ASSA Meeting*, 2022–2024.

**Associate Editor**, *Journal of the European Economic Association*, 2021–2024.

**Program Committee**, *SOLE Summer Meeting*, 2021.

**Guest Editor**, special issue “Technology and the Labour Market,” *Labour Economics*, 2019.

**Excellence in refereeing award**, *AER Insights*, 2021.

**Excellence in refereeing award**, *Review of Economic Studies*, 2020.

**Excellence in refereeing award**, *American Economic Review*, 2018.

#### AWARDS, ACADEMIC ACHIEVEMENTS, AND GRANTS

2021 Grant **National Science Foundation**—Technology, Automation and Inequality (PI)

2018 Grant **Banque de France**—Estimating the Productivity of Robots using Microdata (PI)

2016 Cowles Foundation Fellowship, Yale University.

2009 First Prize, International Mathematics Competition for University Students.

2005 International Mathematical Olympiad Silver and Bronze Medalist.

2005 Participant at the Clay Mathematics Research Academy, Boston.

#### CONFERENCES AND SEMINARS

**2022:** NBER Pre-conference on Research on Income and Wealth; British Academy Conference on the Future of Labour Markets; Glasgow; Fordham; Tilburg University; Utrecht University; Western Ontario; Dartmouth.

**2021:** RIDGE Virtual Forum; NBER Labor Studies, Fall Meeting; NBER Summer Institute, EFG and Macro Perspectives; NBER Pre-conference on Research on Income and Wealth; *Keynote speaker*, Populism, Inequalities and Institutions, LSE; Philly Macro Workshop; Lecturer, NBER Young Scholars Workshop on AI, Toronto; Clemson; Wharton; Penn State; Universidad de los Andes; Cornell; Georgetown; George Mason; Chile Central Bank; Toronto; London School of Economics; Virginia; Federal Reserve Board; U. Connecticut; Copenhagen.

**2020:** Macroeconomics & Labor in the Age of AI, IMF; American Economic Association; Lecturer, NBER Young Scholars Workshop on AI, Toronto; Princeton; Duke; MIT; Queen

Mary University London; IZA; CEMFI; University of Washington; ICESI; Universidad de Antioquia.

**2019:** NBER Summer Institute, Growth Meeting; American Economic Association; SED; *Keynote speaker*, TASKS conference, Bonn; Lecturer, NBER Young Scholars Workshop on AI, Toronto; Brown; Einaudi; European University Institute; London Business School; Saint Louis Fed; Boston College.

**2018:** NBER Summer Institute, Labor studies; American Economic Association; Institute Conference, Minneapolis FED; Boston Economic Group Luncheon; NYU, New York FED, IMF,

**2017:** NBER Summer Institute, Labor studies, Aging, and EFG; American Economic Association; Labor Markets in the Age of Inequality, UC Davis; Innovation and Inequality Workshop, Washington University, St Louis; Innovation, Inequality, and Growth, College de France; Philadelphia Macro Workshop; World Bank; Tufts; Chicago Booth; John Hopkins University; University of Southern California; UCLA; U. Connecticut; Berkeley Haas.

**2016:** Harvard; Wisconsin; Georgetown; Columbia Business School; CREI; World Bank; Yale; Boston University; UC San Diego; IIES; Economics of Entrepreneurship and Innovation, Queen's University

**Earlier:** NBER Summer Institute, 2015, Economic Growth Group; American Economic Association Annual Meeting, 2015, Boston; Transatlantic Crime Workshop, 2014, Bocconi University; NBER Summer Institute, 2014, The Economics of Crime Group; UCLA International Institute, 2013; Advances in the Economics of Income Distribution, 2013, Paris (PSE); AL-CAPONE 2011, Rio de Janeiro; LACEA/LAMES 2010, 2008.