

Lorenzo Caliendo

EVANS HALL, 165 WHITNEY AVE. OFFICE 2504, NEW HAVEN, CT 06511-3729

CURRENT POSITIONS AND AFFILIATIONS

- Won Park Hahn Professor of Global Affairs and Management and Professor of Economics
Yale School of Management and Jackson School of Global Affairs (joint appointment)
Department of Economics, (secondary appointment)
- Deputy Dean
Jackson School of Global Affairs
- Faculty Affiliate, Yale University - Yale Economics Growth Center
- Research Associate, National Bureau of Economic Research, ITI
- Board Member, IRIS: Integrated Refugee & Immigrant Services (since 2019)
- Presidente – Sociedad de Economistas del Uruguay (since 2020)

EDITORIAL POSITION

2019 – **Associate Editor**, *Econometrica*
2018 – **Associate Editor**, *Journal of European Economic Association*
2016 – **Associate Editor**, *Journal of International Economics*

PREVIOUS ACADEMIC EMPLOYMENT

2018 – 2021 Professor, **Yale University**, School of Management
2018 – 2021 Director, Research Program in International Trade Program,
Cowles Foundation - **Yale University**
2017 – 2018 Associate Professor, **Yale University**, Department of Economics
2016 – 2017 Associate Professor, **Yale University**, School of Management
2011 – 2015 Assistant Professor, **Yale University**, School of Management
2011 – 2017 Research Staff, **Yale University**, Cowles Foundation
2010 – 2011 Visiting Research Fellow, **Princeton University**, I.E.S.
2009 – 2010 Lecturer, **The University of Chicago**, Department of Economics

EDUCATION

2010 **The University of Chicago**, Department of Economics
Doctor of Philosophy in Economics,
2006 **The University of Chicago**, Department of Economics
Master of Arts in Economics,
2005 **University of Auckland**, Department of Economics
Master of Commerce (Economics), *First Class Honors*
2003 **Universidad Católica del Uruguay**
Licenciatura en Economía de la Empresa

PUBLICATIONS

- “Foundation of the Small Open Economy Model with Product Differentiation”, (with Robert C. Feenstra) NBER Working Paper No. 30223, 2022
Forthcoming: Journal of International Economics
- “Tariff Reductions, Entry, and Welfare: Theory and Evidence for the Last Two Decades” (with R. C. Feenstra, A. M. Taylor, and J. Romalis)
NBER Working Paper No. 21768, 2015
Forthcoming: IMF Economic Review
- “A Second-best Argument for Low Optimal Tariffs” (with R. C. Feenstra, A. M. Taylor, and J. Romalis) NBER Working Paper No. 27383, 2021
Journal of International Economics, (2023) 145
- “Labor Supply Shocks and Capital Accumulation: The Short and Long Run Effects of the Refugee Crisis in Europe”, (with Luca D. Opromolla, Fernando Parro and Alessandro Sforza)
American Economic Review: Papers and Proceedings, (2023) 113
- “Lessons from the China U.S. trade relations” (with Fernando Parro)
Annual Review of Economics (2023), 15:513-547
- “Trade Policy” (with Fernando Parro)
NBER Working Paper No. 29051, 2021
Handbook of International Economics: International Trade, Volume 5 Chapter 4
- “Goods and Factor Market Integration: A Quantitative Assessment of the EU Enlargement” (with Fernando Parro, Luca Opromolla, and Alessandro Sforza)”
NBER Working Paper No. 23695, 2017
The Journal of Political Economy (2021) 129(12): 3491-3545
- “Distortions and the Structure of the World Economy” (with Fernando Parro and Aleh Tsyvinski)
NBER Working Paper No. 23332, 2017
American Economic Journal: Macroeconomics, (2022) 14(4)
- “Productivity and Organization in Portuguese Firms” (with G. Mion, L.D. Opromolla, and Esteban Rossi-Hansberg)
NBER Working Paper No. 21811, 2015
The Journal of Political Economy (2020) 128(11): 4211-4257
- “Trade and Labor Market Dynamics: General Equilibrium Analysis of the China Trade Shock” (with M. Dvorkin and F. Parro) NBER Working Paper version “The Impact of Trade on Labor Market Dynamics” No. 21149, 2015
Econometrica (2019) 87(3): 741–835

- “The Impact of Regional and Sectoral Productivity Changes on the U.S. Economy” (with F. Parro, E. Rossi-Hansberg and P. Sarte)
NBER Working Paper No. 20168, 2014
The Review of Economic Studies (2018) 85(4): 2042–2096
- “Estimates of the Trade and Welfare Effects of NAFTA” (with F. Parro)
NBER Working Paper No. 18508, 2012
The Review of Economic Studies (2015) 82(1): 1-44
- “The Anatomy of French Production Hierarchies” (with F. Monte and E. Rossi-Hansberg)
NBER Working Paper No. 18259, 2012. CEPR Discussion Paper No. 9073, 2012. Cowles Foundation Discussion Paper No. 1867, 2012. Related blog article: “Firms Reorganize to Grow (by hiring workers that know and earn less)” August 2012, VoxE
The Journal of Political Economy (2015) 123(4): 809-852.
- “The Impact of Trade on Organization and Productivity” (with E. Rossi-Hansberg)
NBER Working Paper No. 17308, 2011
The Quarterly Journal of Economics (2012) 127(3): 1393-1467

OTHER PUBLICATIONS

- A comment on: Globalization, trade imbalances and inequality,
Journal of Monetary Economics: Volume 133, January 2023, Pages 73-76
- “Exporting and Organizational Change”, (with F. Monte, and E. Rossi-Hansberg)
In L. Y. Ing and M. Yu, World Trade Evolution: Growth Productivity and Employment, Routledge, 2018
- “Changing Partners on a Trading Bloc: The MERCOSUR Case” (with F. Parro)
In Hamid Beladi, E. Kwan Choi (ed.) New Developments in Computable General Equilibrium Analysis for Trade Policy (Frontiers of Economics and Globalization, Volume 7), Emerald Group Publishing Limited, pp.41-60.

WORKING PAPERS

- “Reciprocity and the China Shock”, (with Chad Bown, Fernando Parro, Robert Staiger, and Alan Sykes)
- “Mechanics of Spatial Growth”, (with Sheng Cai, Fernando Parro, and Wei Xiang)
- “The Quantitative Effects of Trade Policy on Industrial and Labor Location”, (with Fernando Parro)
- “On the dynamics of the Heckscher-Ohlin theory”
MFI Working Paper No. 2010-011

ACADEMIC REVIEWER

Referee work for: *Econometrica*, *American Economic Review*, *Journal of Political Economy*, *Quarterly Journal of Economics*, *Review of Economic Studies*, National Science Foundation, *American Economic Journal* (Applied, Macroeconomics, Microeconomics), *Economic Journal*, *Canadian Journal of Economics*, *Economic Inquiry*, *European Economic Review*, *International Economic Review*, *International Economics and Economic Policy*, *International Journal of Industrial Organization*, *Journal of Economic Development*, *Journal of Economic Growth*, *Journal of Economic Theory*, *Journal of International Economics*, *Journal of Monetary Economics*, *Journal of the European Economic Association*, *Management Science*, *Review of Economic and Statistics*, *The RAND Journal of Economics*, *Theoretical Economics*, Agencia Nacional de Investigación e Innovación (ANII) evaluación de Programas - Fondo Clemente Estable.

SHORT VISITING POSITIONS

- Visiting Scholar, Federal Reserve Bank of Minneapolis, Fall 2019
- Simmons Visiting Scholar, Brown University, Rhodes Center. 2013 to 2018
- Banco de Portugal - Lisbon, August 2016
- PUC-Chile, September 2015
- Federal Reserve Bank of St. Louis, November 2014
- CREI, Universitat Pompeu Fabra Barcelona, Spring 2012
- Federal Reserve Bank of Richmond, Spring 2012

COMMITTEES

- Member of the Consejo Asesor, Facultad de Ciencias Empresariales de la Universidad Católica del Uruguay 2020-2021
- Member of the *Scientific Committee* for the NORTH AMERICAN SUMMER MEETING OF THE ECONOMETRIC SOCIETY 2020
- Member of the *Program Committee* for LACEA-LAMES, 2019.
- Member of the *Program Committee* for the Society for Economic Dynamics, 2015-17.
- Member of the *Advisory Committee* of Inter-American Development Bank (IDB) Trade, Integration, and Growth Network (TIGN) LACEA – TIGN.
- Member of the *Scientific Committee* for the Research Institute for Development, Growth and Economics (RIDGE), Trade and Firm Dynamics Workshop.
- Member of the *Scientific Committee* for RIDGE Summer School in Economics, RIDGE

FELLOWSHIPS, GRANTS, HONORS

- Honorary Master of Arts degree (M.A., *privatim*) Yale University, 2018
- Premio Morosoli (a la cultura uruguaya), Uruguay, Fundación L. Rubial 2017
- MacMillan Faculty Research Grant, Yale University, 2011
- National Prize in Economics (Premio Raúl Trajtenberg) Uruguay, Udelar 2010

- Esther and T.W. Schultz Dissertation Fellowship, University of Chicago, Dept. of Economics, 2009
- Thinker Field Research Grant, the University of Chicago, CLAS, 2008
- National Prize in Economics, Uruguay, ACADECO, 2007
- University Unendowed Fellowship, The University of Chicago, Dept. of Economics, 2005-2009
- New Zealand Foreign Aid Scholarship, University of Auckland, 2003 - 2005

TEACHING AWARDS

- Yale SOM Alumni Association Teaching Award, Yale School of Management, 2023
Teaching prize awarded annually by vote of the MBA students.
- Class of 2023 Core Curriculum Teaching Award, Executive MBA, Yale School of Management, 2023
Teaching prize awarded annually by vote of the Executive MBA students.
- Class of 2021 Core Curriculum Teaching Award, Executive MBA, Yale School of Management, 2021
Teaching prize awarded annually by vote of the Executive MBA students.
- Yale SOM Alumni Association Teaching Award, Yale School of Management, 2019
Teaching prize awarded annually by vote of the MBA students.
- Class of 2017 Core Curriculum Teaching Award, Executive MBA, Yale School of Management, 2017
Teaching prize awarded annually by vote of the Executive MBA students.
- Yale SOM Alumni Association Teaching Award, Yale School of Management, 2014
Teaching prize awarded annually by vote of the MBA students.
- Class of 2014 Core Curriculum Teaching Award, Executive MBA, Yale School of Management, 2014
Teaching prize awarded annually by vote of the Executive MBA students.
- Outstanding TA Award - Top TA exec-MBA voted by students. University of Chicago, Booth, 2009
- Teaching Excellence award, The University of Chicago, Booth, 2009
- Teaching Excellence award, The University of Chicago, Booth, 2008

PHD STUDENTS (Placement)

Sheng Cai (City University of Hong Kong), Lucas Zavala (I.E.S. Princeton), Daisuke Adachi (Aarhus University), Eduardo Fraga (Convoy), Benjamin Friedrich (Kellogg School of Management), Eunhee Lee (University of Maryland), Federico Esposito (Tufts University), Matthew Grant (I.E.S. Princeton), Lezhen Wu (Fudan SOM), Max Perez Leon Quinoso (Analysis Group)

KEYNOTE PRESENTATIONS

- Workshop on Globalization and Workforce Composition, University Paris Dauphine, 2022
- SMU Trade Workshop, 2022

- Research Center of Global Value Chains (GVC) at University of International Business and Economics in Beijing, 2019
- DIEW 2019 Aarhus University, 2019
- Nankay University, 2018
- CEPR Research Network on Global Value Chains, Universidad de Granada, Trade and Development in Chile, 2018
- Seventh International Conference "Industrial Organization and Spatial Economics" St. Petersburg, 2018
- International Conference on Economic Growth - Napoli, 2017
- DEGIT XIV - UCLA, 2009

INVITED SEMINARS, CONFERENCES AND PRESENTATIONS

Aarhus University, American Economic Association-Pennsylvania, Arizona State University, Arizona State University - Conference: The Economics & Politics of Globalization (New Orleans), Banco de Mexico, Bank of Canada, Bank of Italy, Banque de France, BI Norwegian School of Economics, Boston College, Brown University, Calgary University, CAP Workshop at Aarhus University – Denmark, CCER Peking University, CEMFI, Center on Japanese Economy and Business (CJEB) Tokyo Conference, Central Bank of Uruguay, Central European University, Chicago Fed, Chicago-Booth, City University of Hong Kong, Columbia University, Columbia-NYU Mini Conference on Trade and Labor Economics, CREI- Centre de Recerca en Economia Internacional-Universitat Pompeu Fabra, CREST - Center for Research in Economics and Statistics - France, Dartmouth College, Drexel University, Duke University, ETH Zurich, European Economic Association (Malaga, Manheim) , Federal Reserve Board, Federal Reserve Bank of Dallas, Federal Reserve Bank of Minneapolis, Federal Reserve Bank of Philadelphia, Federal Reserve Bank of Richmond, Federal Reserve Bank of St. Louis, Fudan University, Fundação Getulio Vargas- São Paulo, School of Economics and Management, Georgetown University, Harvard University – Department of Economics, IEB-Universitat de Barcelona, Indiana University-Bloomington, INSEAD, Inter American Development Bank (IDB - BID), Inter-firm Network, and Trade (Tokyo), International Economic Association World Congress, International Economic Section - Summer Workshop- Princeton University, International Monetary Fund (IMF), IOWA State University, Juli Plant Grainger Conference - University of Wisconsin-Madison Department of Economics, La Pietra-Mondragone Workshop - Carlo Alberto LACEA Invited Session, LACEA-LAMES, London School of Economics (LSE) - International Trade and Macro seminar, Massachusetts Institute of Technology (MIT), Midwest Macro Conference, Minneapolis Federal Reserve, MONT2 conference, NAFTA at twenty conference at Hoover Institution (Stanford University), National University of Singapore, NBER- ITI March Program Meeting, NBER Summer Institute, New Structural Economics Conference – Beijing, New York University (NYU) , NYU-Atlanta Fed conference, Ohio State University, ORT Uruguay, Oslo University, Oxford University, Paris trade Seminar – PSE - Paris 1 and Sciences Po, Peking University, Penn State University, Penn State University Conference: “New Faces in International Trade” , Peterson Institute, PHSBC, Pontifical Catholic University of Rio de Janeiro Princeton University, PUC-Chile, Purdue University, RIETI Conference on Geography, Rochester University, Ryerson University, Science-Po, Syracuse University, Shanghai University of Finance and Economics, Singapore Management University, SITE summer conference on migration at Stanford, Sociedad de Economistas del Uruguay, Society of Economic Dynamics (Cyprus, Seoul,

Warsaw, Toulouse, WUSTL) , Southern Workshop in Macroeconomics - SWIM Auckland, New Zealand, Stanford University, Summer Workshop in TRADE Sciences Po, The Academic Network (TRISTAN) Workshop, The Chinese University at Hong Kong, The Geneva Trade and Development Workshop, The University of Chicago - Department of Economics, The University of Nottingham, The University of Southern California, The University of Texas at Austin, The University of Tokyo, Toronto University, Tsinghua University, U.S. Census Bureau, Universidad Carlos III, Universidad Católica de Chile, Universidad Católica del Uruguay, Universidad de la República- Uruguay- Departamento de Economía, Universidad de Montevideo, Universidad de San Andres, Università degli Studi di Cagliari, Universitat de Barcelona IAE, University of British Columbia, University of California Berkeley, University of California Los Angeles (UCLA), University of California Los Angeles (UCLA-Anderson), University of California San Diego (UCSD), University of California, Davis (UC Davis), University of Colorado, University of Connecticut, University of Copenhagen, University of Copenhagen – Conference: Urban Economics, University of Georgia, University of Maryland, University of Michigan, University of Montreal, University of Notre Dame, University of Nottingham - “Imports and Global Value Chains Conference”, University of Toronto, University of Wisconsin-Madison, Utah State, Vanderbilt University, World Bank, WUSTL-mini-conference, XXIV Jornadas Anuales de Economía - Central Bank of Uruguay, XXXV Jornadas Anuales de Economía BCU, Yale University –Department of Economics – SOM.

DISCUSSIONS

- 2022 NBER, Summer Institute - “Protectionism Unchained: Determinants and Consequences of Discretionary Trade Policy in Argentina” by David Atkin, Joaquin Blaum, Pablo Fajgelbaum, and Augusto Ospital
- 2022 Carnegie-Rochester-NYU Conference on Public Policy “Globalization, Trade Imbalances and Inequality” by Rafael Dix-Carneiro and Sharon Traiberman
- 2021 Federal Reserve Board, first online External Webinar (FRBEW) “Globalization, Trade Imbalances and Labor Market Adjustment” by Rafael Dix-Carneiro, Joao Paulo Pessoa, Ricardo Reyes-Heroles, and Sharon Traiberman
- 2021 Nottingham-GEP-CEPR Summer International Trade “Sufficient Statistics for Dynamic Spatial Economics” by Benny Kleinman, Ernest Liu, and Steve Redding
- 2021 Economy and Development Report (RED), CAF - development bank of Latin America
- 2020 Concept Note, LAC Flagship Report “Spatial Dimensions of Economic Growth in Latin America and the Caribbean”, World Bank. Prepared by Elena Ianchovichina
- 2020 2nd International Trade Dynamics Workshop “The Geography of Unemployment” by Adrien Bilal
- 2019 NBER, Summer Institute - EFEG “Estimating Who Benefits From Productivity Growth: Direct and Indirect Effects of City Manufacturing TFP Growth on Wages, Rents, and Inequality” by Richard Hornbeck and Enrico Moretti

- 2019 X BIS Consultative Council of the Americas Research Conference “Macro models and micro data”, BCRA, Buenos Aires, Argentina. “Intra and Inter-industry Misallocation and Comparative Advantage” by José Pulido
- 2018 IES Summer Workshop, Princeton University, “Business Groups as Knowledge-Based Hierarchies of Firms” by Carlo Altomonte, Luis Garicano, Gianmarco I.P. Ottaviano, and Armando Rungi
- 2018 LACEA – TIGN, “Riding on the new silk road: quantifying welfare gains from high-speed highways” Mingzhi Xu
- 2018 NBER, IFM group, “Technology and Non-Technology Shocks: Measurement and Implications for International Comovement ”, by A. Levchenko and N. Pandalai-Nayar
- 2018 Annual JRCPPF Conference, Princeton University, "Tradability and the Labor Market Impact of Immigration: Theory and Evidence for the U.S", by A. Burstein, G. Hanson, L. Tian, and J. Vogel
- 2018 American Economic Association meeting, Pennsylvania, "Granular Comparative Advantage", by C. Gaubert, and O. Itskhoki
- 2017 NBER - Trade and labor markets conference, "Trade Displacement Multipliers: Theory and Evidence Using the U.S. Trade Adjustment Assistance" by I. Kondo
- 2017 ELSNIT 2017, "Trade Liberalization and the Great Labor Reallocation" by Y. Zi
- 2017 NBER Summer Institute, "Trade, Agglomeration Effects, and Labor Markets: Theory and Evidence" by R. Adao, C. Arkolakis, and F. Esposito
- 2017 NBER Summer Institute, "Capital Accumulation and Dynamic Gains from Trade" by B. Ravikumar, A.M. Santacreu, and M. Sposi
- 2017 LACEA – TIGN – RIDGE, "Trade and Minimum Wages in General Equilibrium: Theory and Evidence". By X. Bai, A. Chatterjee. K. Krishna and H. Ma
- 2016 IES Summer Workshop, Princeton University, "International Trade, Income Distribution and Welfare" by P. McCalman
- 2016 NBER Summer Institute, "Grounded by Gravity: A Well-Behaved Trade Model with External Economies" by K. Kucheryavyi, G. Lyn, and A. Rodriguez-Clare
- 2015 American Economic Association meeting, Boston, "Multinational Production and Comparative Advantage " by V. Alvarez
- 2015 American Economic Association meeting, Boston, "State Taxes and Spatial Misallocation" by P. Fajgelbaum, E. Morales, J.C. Suarez, and O. Zidar

- 2014 IES Summer Workshop, Princeton University, "Accounting for Changes in Between-Group Inequality" by A. Burstein, E. Morales, and J. Vogel
- 2014 RIDGE, "Customs" by C. Volpe, J. Carballo y A. Graziano
- 2014 LACEA – TIGN, "Exporting, Coordination Complexity, and Service Outsourcing" by Giuseppe Berlingieri
- 2014 American Economic Association meeting, Pennsylvania, "Monopolistic Competition And Optimum Product Selection: Why and how heterogeneity matters? " by A. Nocco, G.I.P. Ottaviano, and M. Salto
- 2013 IES Summer Workshop, Princeton University, "Trade and the Topography of the Spatial Economy" by A. Arkolakis and T. Allen
- 2013 American Economic Association meeting, San Diego, "Scale Effects and Productivity Across Countries" by N. Ramondo, A. Rodriguez-Clare and M. Saborio-Rodriguez
- 2012 International Trade Workshop, Federal Reserve Bank of Philadelphia. "Technology, Trade Costs, and the Pattern of Trade with Multi-Stage Production" by R. C. Johnson and A. Moxnes
- 2012 IES Summer Workshop, Princeton University, "Scale, Scope, and the Expansion Strategies of Multinational Firms" by S. Yeaple
- 2012 New Faces in International Trade Conference, Penn State University, "Trade and Interdependence in a Spatially Complex World" by M. Fabinger
- 2011 New Faces in International Trade Conference, Penn State University, "Gravity and Extended Gravity: Estimating a Structural Model of Export Entry" by E. Morales, G. Sheu and A. Zahler
- 2011 LACEA – TIGN, "Borders, Geography, and Oligopoly: Evidence from the Wind Turbine Industry" by K. Cosar, P. Grieco, and F. Tintelnot

TEACHING EXPERIENCE

YALE UNIVERSITY, SCHOOL OF MANAGEMENT

MGT 425, Macroeconomics, Yale University, 2014-17, 2019-20, 2023

MGT 416, IE South Africa, Yale University, 2019

MGT 416, IE Uruguay, Yale University, 2022, 2023

GLBL 840, Macroeconomics, Yale University, 2017

MGT 425, e425 (executive) Macroeconomics, Yale University, 2013, 2016, 2017, 2020-23

MGT 404, e404 (executive) Basics of Economics, Yale University, 2015

MGT 625, International Trade, Yale University, 2013

MGT 620, 826, International Economics, Yale University, 2012-2013

YALE UNIVERSITY, DEPARTMENT OF ECONOMICS

2nd year Phd. International Trade I and II, Yale University, 2017-23

2nd year Phd. Advanced Macroeconomics, Yale University, 2014

PONTIFICA UNIVERSIDAD CATÓLICA DE CHILE

Advanced Topics on International Trade (Graduate course), summer 2015

UNIVERSIDAD DE LA REPUBLICA, FACULTAD DE CIENCIAS SOCIALES

Advanced Topics on International Trade (Graduate course), summer 2013

UNIVERSIDAD DE LA REPUBLICA, FACULTAD DE CIENCIAS ECONÓMICAS

Advanced Topics on International Trade (Graduate course), summer 2018, 2023

UNIVERSIDAD DE MONTEVIDEO

Graduate International Trade, Universidad de Montevideo, summer 2008, 2013

THE UNIVERSITY OF AUCKLAND

Econ 711, Macroeconomics (Core Macro Graduate Course) – TA, 2004

Econ 221, Introduction to Econometrics – TA, 2004

Econ 111, Introduction to Macroeconomics – TA, 2004

Econ 321, Econometric Theory– TA, 2003

THE UNIVERSITY OF CHICAGO, DEPARTMENT OF ECONOMICS

Econ 202, Intermediate Macroeconomics, Lecturer 2009 – 2010

Econ 330, Theory of Income I (Core Macro Graduate Course) – TA, 2007 – 2008

Econ 271, Introduction to International Finance – TA, 2008

Econ 201, Advanced Microeconomics – TA, 2006

THE UNIVERSITY OF CHICAGO, BOOTH

Business 33801, Economics of the Firm (Core Micro MBA Course) – TA, 2008

Business 42001, Competitive Strategy – TA, 2007 – 2008

OTHER EMPLOYMENT EXPERIENCE

- Consultant for the IADB, 2018, 2019, 2021, 2022
- Consultant for the World Bank, 2018
- Summer Internship, IMF Monetary and Financial Systems Department, 2006
- Tuatara FX Risk Management, Auckland New Zealand, summer 2004
- Ministry of Public Health, Montevideo Uruguay, 1996 - 2002
- Ministry of Industry Energy and Mining, Montevideo Uruguay, Summer Internship, 1999.