

# Andrés Rodríguez-Clare

## Curriculum Vitae

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### Current positions:

- Edward G. and Nancy S. Jordan Professor of Economics, University of California at Berkeley
- Research Fellow of the Econometric Society
- Research Associate, NBER
- Research Fellow, CEPR
- Visiting Scholar, San Francisco Federal Reserve
- Visiting Professor, University of Nottingham

### Previous positions:

- Editor, Journal of International Economics, 2017-2021
- Professor of Economics, Pennsylvania State University, 2005 - 2011
- Senior Research Economist, Inter-American Development Bank, 2002 - 2005
- Visiting Professor, Economics Department, M.I.T., Jan 2004 – May 2004
- Visiting Professor, Kennedy School of Government, Harvard University, Fall 2002
- Chief of the Council of Presidential Advisors, Costa Rica, May 1998 – May 2002
- Associate Professor of Economics, Graduate School of Business, University of Chicago, 1994 – 1999
- Member of the Executive Committee of the Latin American Economic Association (LACEA), 2003-2007 and 2011-2015

### Education:

- Bachelor of Science (economics), Universidad de Costa Rica, 1988
- Master of Science (economics), Ohio State University, 1989
- Doctor of Philosophy (economics), Stanford University, 1993

### Grants, Honors and Awards:

- NSF grant for "The Carbon Footprint of Multinational Production," 2022-2025.
- NSF grant for "Slicing the Pie: Quantifying the Aggregate and Distributional Effects of Trade," 2016-2019.
- Clausen Center for International Business and Policy, Co-PI (2015) – the *project* is titled "Estimating Sector-Level Economies of Scale" and is joint with Dominick Bartelme, Arnaud Costinot and Dave Donaldson
- International Growth Centre, Co-PI – the project is titled "Scaling up Policies for Agricultural Trade" and is joint with Ben Faber and Ted Miguel
- Mentor of the Year Award (2014), Graduate Economic Association, UC Berkeley
- Alfred P. Sloan Doctoral Dissertation Fellowship, 1992-1993
- Review of Economic Studies Tour, 1993

### Research:

#### Working papers:

- "The 2025 Trade War: Dynamic Impacts Across U.S. States and the Global Economy," (with Mauricio Ulate and Jose P. Vasquez), May 2025.
- "A Dynamic Theory of Optimal Tariffs," (with Eduardo Davila, Andreas Schaab, and Stacy Yingqi Tan), May 2025.

- "New-Keynesian Trade: Understanding the Employment and Welfare Effects of Trade Shocks," (with Mauricio Ulate and Jose P. Vasquez), forthcoming in the Journal of Political Economy, March 2025.
- "Scaling Agricultural Policy Interventions: Theory and Evidence from Uganda" (with Lauren Bergquist, Ben Faber, Thibault Fally, Matthias Hoelzlein, and Ted Miguel), 2<sup>nd</sup> R&R at Econometrica, April 2025.

### Refereed publications:

- "The Textbook Case for Industrial Policy: Theory Meets Data" (with Dominick Bartelme, Arnaud Costinot and Dave Donaldson), Journal of Political Economy, May 2025.
- "Spatial Equilibria: The Case of Two Locations" (with Gary Lyn and Konstantin Kucheryavyy), Journal of International Economics, November 2024.
- "The Small-Open Economy in a Generalized Gravity Model," (with Svetlana Demidova, Konstantin Kucheryavyy and Takumi Naito), Journal of International Economics, November 2024 (open access).
- "The Intensive Margin in Trade: Moving Beyond Pareto" (with Ana Fernandes, Pete Klenow, Martha Denisse Pierola and Sergii Meleshchuk), American Economic Journal - Macroeconomics, July 2023.
- "Grounded by Gravity: A Well-Behaved Trade Model with Industry-Level Economics of Scale" (with Konstantin Kucheryavyy and Gary Lyn), American Economic Journal - Macroeconomics, April 2023.
- "Slicing the Pie: Quantifying the Aggregate and Distributional Consequences of Trade" (with Simon Galle and Moises Yi), Review of Economic Studies, January 2023.
- "Micro to Macro: Optimal Trade Policy with Firm Heterogeneity" (with Arnaud Costinot and Iván Werning), November 2020, Econometrica.
- "The Elusive Pro-Competitive Effects of Trade" (with Costas Arkolakis, Arnaud Costinot and Dave Donaldson), January 2019, Review of Economic Studies.
- "Innovation and Production in the Global Economy," (with Costas Arkolakis, Natalia Ramondo, and Steve Yeaple), August 2018, American Economic Review.
- "Trade, Domestic Frictions, and Scale Effects," (with Natalia Ramondo and Milagro Saborío), American Economic Review, October 2016, vol 106(10), pp. 3159-3184.
- "External Economies and International Trade Redux: Comment" (with Gary Lyn), Quarterly Journal of Economics, November 2013, 128 (4), pp. 1895-1905.
- "The Simple Analytics of the Melitz Model in a Small Open Economy," (with Svetlana Demidova), Journal of International Economics, July 2013, 90(2), pp. 266-272.
- "Trade, Multinational Production, and the Gains from Openness" (with Natalia Ramondo), Journal of Political Economy, April 2013, Volume 121, No. 2.
- "New Trade Models, Same Old Gains?" (with Costas Arkolakis and Arnaud Costinot), American Economic Review, Volume 102, Number 1 (February), pp. 94-130.
- "Entrepreneurship and the Extensive Margin in Export Growth: A Microeconomic Accounting of Costa Rica's Export Growth during 1997-2007" (with Daniel Lederman and Daniel Yi Xu), Vol. 25, No. 3, 2011, World Bank Economic Review.
- "Offshoring in a Ricardian World," American Economic Journal: Macroeconomics, Volume 2, Number 2, April 2010, pp. 227-258(32)
- "Trade Policy under Firm-Level Heterogeneity in a Small Economy" (with Svetlana Demidova), Journal of International Economics, Volume 78, Issue 1, pp. 100-112 (June 2009).

- "A Political-Economy Theory of Trade Agreements," (with Giovanni Maggi), American Economic Review, September 2007
- "Innovation Shortfalls," (with William Maloney), Review of Development Economics, November 2007.
- "Clusters and Comparative Advantage: Implications for Industrial Policy," Journal of Development Economics, Vol. 82, February 2007, pp. 43-57
- "Coordination Failures, Clusters and Microeconomic Interventions," Economia (Journal of LACEA), Fall 2005.
- "Multinationals and Linkages: an Empirical Investigation," (with Laura Alfaro), Economia (Journal of LACEA), Spring 2004 (Volume 4, Number 2)
- "Import Penetration and the Politics of Trade Protection," (with Giovanni Maggi), Journal of International Economics, vol. 51, pp. 287-304, August 2000.
- "The Value of Free Trade Agreements in the Presence of Political Pressures," (with Giovanni Maggi), Journal of Political Economy, June 1998
- "Multinationals, Linkages and Economic Development," American Economic Review, September 1996.
- "The Division of Labor and Economic Development," Journal of Development Economics, June 1996.
- "Costly Distortion of Information in Agency Problems," RAND Journal of Economics, (with Giovanni Maggi), winter 1996.
- "On Countervailing Incentives," Journal of Economic Theory, (with Giovanni Maggi), July 1995.

#### **Non-refereed publications:**

- "The US Gains from Trade: Valuation Using the Demand for Foreign Factor Services," (with Arnaud Costinot), Journal of Economic Perspectives, Spring 2018.
- "Multinational Production: Data and Stylized Facts" (with Natalia Ramondo and Felix Tintelnot), American Economic Review Papers and Proceedings, May 2015.
- "Trade Theory with Numbers: Quantifying the Consequences of Globalization" (with Arnaud Costinot), Handbook of International Economics, Volume 4, G. Gopinath, E. Helpman and K. Rogoff (eds), North-Holland.
- "Trade, Foreign Investment, and Industrial Policy" (with Ann Harrison), Handbook of Economic Development, Volume 5, D. Rodrik and M. Rosenzweig (eds), North-Holland.
- "Growth, Size, and Openness: A Quantitative Approach" (with Natalia Ramondo), American Economic Review Papers and Proceedings, May 2010
- "Endogenous Variety and the Gains from Trade" (with Costas Arkolakis, Svetlana Demidova and Pete Klenow), American Economic Review Papers and Proceedings (May 2008).
- "Externalities and Growth," (with Peter Klenow), Handbook of Economic Growth, Volume 1A, Aghion, P. and S. N. Durlauf (eds), North-Holland.
- "Economic Growth: A Review Essay," (with Pete Klenow) Journal of Monetary Economics, November 1997
- "The Neoclassical Revival in Growth Economics: Has It Gone Too Far?" (with Pete Klenow), 1997 NBER Macroeconomics Annual
- "On Endogenizing Long-Run Growth," Scandinavian Journal of Economics, (with Peter Hammond), vol. 95, 1993, No. 4.
- "Productive Development Policies and Supporting Institutions in Latin America and the Caribbean," (with Alberto Melo), in The State of State Reform in Latin America, edited by Eduardo Lora, Stanford University Press, 2007.
- "Toward a Strategy for Economic Growth in Uruguay," (with Ricardo Hausmann and Dani Rodrik) in Una Nueva Era de Crecimiento Económico en Uruguay, edited

- by Eduardo Fernández-Arias y Juan Blyde, Banco-Interamericano de Desarrollo, 2007.
- “Variaciones sobre un viejo tema: acceso de las PYMEs al crédito,” forthcoming in Ensayos en Honor a Eduardo Lizano Fait, edited by Grettel López and Reinaldo Herrera, Academia de Centroamérica, 2004.
  - “Análisis del Crecimiento Económico en Costa Rica: 1950-2000,” with Alberto Trejos and Manrique Sáenz, published in Pequeñas Economías, Grandes Desafíos, Manuel Agosín, Roberto Machado y Pauliza Nazal (eds), Inter-American Development Bank, 2004.
  - “El Papel del Estado en el Desarrollo Económico,” in Ensayos en honor a Claudio González Vega, edited by Grettel López and Juan Carlos Obando, Academia de Centroamérica, 2003.
  - “El Sistema Tributario y Aduanero: Una Visión de Conjunto,” in El Sistema Tributario Costarricense, published by Contraloría General de la República, Costa Rica, 2003.
  - “Costa Rica’s Development Strategy based on Human Capital and Technology: how it got there, the impact of Intel, and lessons for other countries,” Journal of Human Development, Vol. 2, No. 2, 2001. (The paper also appeared, in shorter form, as “Costa Rica’s technology strategy: roots and outcomes in Cooperation South, published by UNDP Special Unit for Technical Cooperation among Developing Countries, December 2002, pp. 78-89.)
  - “Intel: A Case Study of Foreign Direct Investment in Central America” (with Felipe Larraín and Luis F. López-Calva), in Economic Development in Central America, Volume I: Growth and Internationalization, Felipe Larrain B. (ed), Harvard University Press, 2001.
  - “Positive Feedback Mechanisms in Economic Development: A Review of Recent Contributions,” in United Nations (eds) Development Strategy and the Market Economy, Oxford University Press, 1998.
  - “La Deuda Interna en Costa Rica: Un Enfoque Alternativo,” Acta Académica, Universidad Autónoma de Centroamérica, 1998 y 1999.
  - “El Futuro Económico de Costa Rica,” Acta Académica, Universidad Autónoma de Centroamérica, 1997.

#### **Published comments:**

- Comment on “Meeting the Millennium Development Goals in Brazil: Can Microeconomic Simulations Help?” in Economía, the Journal of LACEA, Vol. 3, Number 2, 2003.
- Comment on “The Role of Foreign Trade and Investment” by Richard Cooper and on “Geography and International Inequalities: The Impact of New Technologies,” by Anthony Venables, published in Annual World Bank Conference on Development Economics 2001-2002
- Comment on “What Can Developing Countries Learn from East Asian Economic Growth” by Takatoshi Ito, published in Annual World Bank Conference on Development Economics 1997

#### **Books:**

- The Emergence of China: Opportunities and Challenges for Latin America and the Caribbean, (with Robert Devlin and Antoni Estevadeordal), IADB publication.
- Economic and Social Progress Report 2004 (Good Jobs Wanted: Labor Markets in Latin America), I wrote chapter 6 (Employment Outcomes and the Role of Technology), Inter-American Development Bank, 2003

- Economic and Social Progress Report 2005 (Unlocking Credit: The Quest for Deep and Stable Bank Lending), I wrote chapter 8 (SMEs Access to Credit) with Ernesto Stein, Inter-American Development Bank, 2005

#### **Old working papers:**

- “A Multivariate Distribution with Pareto Tails and Pareto Maxima,” (with Costas Arkolakis and Jiun-Hua Su), May 2017.
- “External Economies, Comparative Advantage, and the Gains from Trade” (with Gary Lyn), November 2011
- “Trade, Diffusion and the Gains from Openness,” November 2007
- “Imports Tariffs, Export Subsidies, and the Theory of Trade Agreements” (with Giovanni Maggi), June 2005
- “Microeconomic Interventions after the Washington Consensus,” Research Department, IADB, Working Paper No. 524, 2004.

#### **Student Advising:**

- Matilde Bombardini, co-supervisor, MIT 2005, first position: Assistant Professor, University of British Columbia
- Svetlana Demidova, dissertation committee, Penn State 2006, first position: Assistant Professor, University of Georgia, Atlanta
- Alexander Tarasov, co-supervisor, Penn State 2009, first position: Assistant Professor, University of Munich
- Alejandro Riano, dissertation committee, Penn State 2009, first position: Research Fellow, University of Nottingham
- Alonso Alfaro-Ureña, supervisor, Penn State 2010, first position: Senior Research Economist, Costa Rican Central Bank and Assistant Professor, Universidad de Costa Rica
- Kerem Cosar, Penn State, co-supervisor, Penn State 2010, first position: Assistant Professor, Graduate School of Business, University of Chicago.
- Felix Tintelnot, Penn State, Penn State 2013, first position: Assistant Professor, Economics Department, University of Chicago.
- Asrat Tesfayesus, UC Berkeley, 2013.
- Sebastian Stumpner, dissertation committee, UC Berkeley 2014, first position: Assistant Professor, Economics Department, University of Montreal.
- Dominick Bartelme, dissertation committee, UC Berkeley 2015, first position: Assistant Professor, Economics Department, University of Michigan.
- Yury Yatsynovich, dissertation committee, UC Berkeley, 2015, first position: Assistant Professor, Economics Department, Rensselaer Polytechnic Institute
- Moises Yi, co-supervisor, UC Berkeley, 2016, first position: Economist, U.S. Census Bureau
- Simon Galle, co-supervisor, UC Berkeley, 2016, first position: Assistant Professor, Department of Economics, University of Oslo
- Sandile Hlatshwayo, supervisor, UC Berkeley 2017, first position: International Monetary Fund.
- Sergii Meleshchuk, supervisor, UC Berkeley, 2018, first position: International Monetary Fund.
- Zhimin Li, dissertation committee, UC Berkeley 2018, first position: HSBC Business School, Pekin University, 2018.
- Daniel Haanwinkel, dissertation committee, UC Berkeley 2019, first position: Assistant Professor of Economics, UCLA

- Mauricio Ulate, dissertation committee, UC Berkeley 2019, first position: Research Department, San Francisco Federal Reserve Bank.
- Roman Zarate, supervisor, UC Berkeley, 2020, first position: Research Department, World Bank.
- Isabela Manelici, supervisor, UC Berkeley, 2020, first position: Assistant Professor, Economics Department, LSE.
- Jose Pablo Vasquez, dissertation committee, UC Berkeley 2020, first position: Assistant Professor, Department of Management, LSE.
- Matthias Holzlein, dissertation committee, UC Berkeley 2020, first position: Assistant Professor of Economics, University of Notre Dame.
- Piyush Panigrahi, supervisor, UC Berkeley, 2021, first position: Fellow at the Cowles Foundation at Yale University and Postdoctoral Researcher at Johns Hopkins School of Advanced International Studies.
- Yipei Zhang, supervisor, UC Berkeley, 2023, first position: Economist Program, IMF.