

# RICARDO HAUSMANN

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## PRINCIPAL DUTIES

February 2006-Present

Director of the Growth Lab  
Center for International Development  
Kennedy School of Government, Harvard University

Rafik Hariri Professor of the Practice of  
International Political Economy  
Kennedy School of Government, Harvard University

October 2005-June 2019

Director of the Center for International Development  
Kennedy School of Government, Harvard University

September 2000-July 2019

Professor of the Practice of Economic Development  
Kennedy School of Government, Harvard University

## ADDITIONAL EXPERIENCE

June 2020 - April 2021

Co-Chair with Vicepresident Marta Lucía Ramirez of the  
Colombian Internationalization Mission

2018-Present

International Advisory Council, Criteria Caixa

2013-2020

Senior Fellow, Advisory Council  
MasterCard Center for Inclusive Growth

2019-Present

Member of the Scientific Board and External Faculty  
Santa Fe Institute

June 2004 - June 2009

Chair of the International Advisory Group of the  
Accelerated and Shared Growth Initiative for South  
Africa

February 1994-August 2000

Chief Economist, Inter-American Development Bank

1992-June 1993

Minister of State and Head of the Presidential Office of  
Coordination and Planning  
Member of the Board, Central Bank of Venezuela  
Governor for Venezuela, World Bank  
Governor for Venezuela, Inter-American

- Development Bank  
Chairman, Joint Ministerial Committee for Development  
of the International Monetary Fund and the World Bank
- 1985-1992 Professor of Economics  
Instituto de Estudios Superiores de Administración,  
Caracas
- 1989-1991 Advisor on monetary and exchange rate policy to the  
President of the Central Bank of Venezuela
- 1988-1991 Visiting Fellow, Institute of Economics and Statistics &  
St. Anthony's College, Oxford
- 1987-1988 Economic Advisor, Presidential Commission on State  
Reform (COPRE)
- 1984-1985 General Director for Short-Term Planning  
Ministry of Planning and Coordination  
Responsibilities: Economic Cabinet  
Secretary, Coordinator of the Yearly Plan,  
Member of the Medium-Term Planning Committee
- 1981-1984 Assistant Professor of Economics  
Centro de Estudios de Desarrollo  
Universidad Central de Venezuela  
Teaching at the Masters Level: Macroeconomics,  
Venezuelan Economy, Economic Planning
- 1980-1981 Visiting Fellow, CEPREMAP, Paris

## **EDUCATION**

- 1977-1981 Cornell University, Graduate School  
Department of Economics
- Fields of Concentration: Macroeconomics, Economic  
Development, Regional Planning
- Degrees: MA (1980); Ph.D. (1981)  
Dissertation: Oil Rent and Capital Accumulation in the  
Venezuelan Economy
- 1973-1977 Cornell University, School of Engineering  
Department of Engineering and Applied Physics  
Degree: B.Sc. in Engineering and Applied Physics

## **ACADEMIC ASSOCIATIONS**

President, Latin American and Caribbean Economies Association (2010-11)  
 Vice President, Latin American and Caribbean Economies Association (2008-09)  
 President, Latin American Chapter of the Econometric Society (1996-97)  
 Chairman, Latin American Meeting of the Econometric Society (1994)  
 Member, Standing Committee, Latin American Chapter of the Econometric Society (1993-98)

## **BOARDS**

Advisory Board Member, Abengoa Administration (2013-16)  
 Member, Board and Executive Committee, CANTV (2002-07)  
 Member, Board of the Latin American and the Caribbean Economic Association (1994-2001)  
 CriteriaCaixa

## **CONSULTANT**

African Development Bank  
 Asian Development Bank  
 CAF – Development Bank of Latin America  
 Central Bank of Kazakhstan (2014-15)  
 International Monetary Fund  
 Ministry of Petroleum and Natural Resources, Saudi Arabia (2014-15)  
 Nazarbayev University, Kazakhstan (2014-15)  
 World Bank (2013)

## **PROJECTS**

### **CURRENT**

COVID-19 Economic Response and Long-term Growth in Jordan  
 August 2020 – August 2022

Advancing Economic Diversification in Ethiopia: Addressing Constraints to Sustained Growth and Job Creation  
 May 2019 – April 2022

Industry Diversification and Job Growth: An Economic Complexity Approach in the Kingdom of Saudi Arabia  
 June 2016 – June 2021

A Research Initiative to Promote Sustainable and Inclusive Prosperity in Honduras  
 November 2020 – April 2021

Institutional Strengthening and Economic Diversification in Albania  
October 2013 – February 2021

## **PAST**

Venezuela's Economic Growth: Reconstruction, Governance, and Implementation  
May 2018 – June 2020

Promoting Sustainable Economic Growth and Structural Transformation in the Amazon Region,  
Department of Loreto, Peru  
November 2019 – May 2020

Macroeconomic Stability and Long-Term Growth in Jordan  
February 2019 – March 2020

Realizing Economic Growth in Western Australia  
June 2019 – April 2020

Connecting the Ukrainian Manufacturing Sector with Industrial Clusters in the West in the Context of  
Changing Technologies of Production and Distribution  
June 2019 – August 2019

Privatization and Economic Diversification Training in Ethiopia  
December 2018 – February 2019

Economic Development in the City of Buenos Aires, Argentina  
November 2018 – December 2019

Growth Diagnostics: Building New Methods to Identify and Address Constraints to Accelerate Growth  
(MCC)  
September 2018 – September 2019

Economic Growth in the States of Baja California, Tabasco, and Campeche, Mexico  
January 2018 – September 2018

Economic Growth and Governance in Sri Lanka  
January 2015 – September 2018

Economic Growth in the City of Hermosillo, Mexico  
July 2017 – October 2017

Atlas of Economic Complexity of Colombia  
July 2014 – April 2018

Security and Development Discussion Series  
August 2016 – July 2017

Analysis of Economic Productive Potential of Panama  
March 2016 – April 2018

The Product Space Research and Dissemination for CAF Development Bank of Latin America  
November 2013 – January 2016

Analysis of Economic Productive Potential of The Southern States in Mexico  
December 2014 – June 2015

Atlas of Economic Complexity of Peru  
November 2014 – April 2016

Economic Growth in Mexico  
June 2014 – February 2016

Sports Complexity and Governance Indicators  
April 2013 – March 2016

Cutting Edge of Development Thinking for Uganda's National Development Plan  
November 2012 – September 2013

Knowledge Provision for Mexico's WEF Summit 2012  
January 2012 – June 2012

Implementing the National Development Strategy 2010-30: The Dominican Republic  
January 2010 – June 2011

World Economic Forum: Mexico Growth Diagnostic  
March 2008 – August 2008

Paraguay Growth Diagnostic  
January 2007 – March 2007

Peru Growth Diagnostic and Structural Transformation  
December 2006 – April 2007

Growth Diagnostics: Policy Priorities for South Africa  
January 2006 – June 2008

Competitiveness of Non-Oil Sectors in Kazakhstan: Issues and Priorities in the Areas of Macroeconomic,  
Industrial, Trade, and Institutional Development Policies  
December 2004 – March 2005

## PUBLICATIONS

### PAPERS

- “Productive Ecosystems and the arrow of development.” March 2021. (with Neave O’Clery and Muhammed A. Yildirim). *Nature Communications*.
- “Implied Comparative Advantage.” January 2021. (with Daniel P. Stock and Muhammed A. Yildirim). *Research Policy*.
- “Place-specific Determinants of Income Gaps: New Sub-national Evidence from Mexico.” January 2021. (with Carlo Pietrobelli and Miguel Angel Santos). *Journal of Business Research*.
- “Knowledge Diffusion in the Network of International Business Travel.” August 2020. (with Michele Coscia and Frank Neffke). *Nature Human Behaviour*, vol. 4, no. 10.
- “Gender Differences in Professional Career Dynamics: New Evidence from a Global Law Firm.” April 2020. (with Ina Ganguli and Martina Viarengo). *Economica*, vol. 87, no. 346.
- “Smart Development Banks.” January 2020. (with Eduardo Fernández-Arias and Ugo Panizza). *Journal of Industry, Competition, and Trade*, vol. 19 no. 69.
- “Machine-Learned Patterns Suggest that Diversification Drives Economic Development.” January 2020. (with Charles D. Brummitt, Andrés Gómez-Liévano, and Matthew H. Bonds). *Journal of the Royal Society Interface*, vol. 17, no. 162.
- “The Workforce of Pioneer Plants: The Role of Worker Mobility in the Diffusion of Industries.” April 2019. (with Franke Neffke). *Research Policy*, vol. 48 no. 3, pp. 628-48.
- “Functional Structures of US State Governments.” November 2018. (with Stephen Kosack, Michele Coscia, Evann Smith, Kim Albrecht, and Albert-László Barabási). *Proceedings of the National Academy of Sciences of the United States of America*, vol. 115 no. 46, pp. 11748-53.
- “Welcome Home in a Crisis: Effects of Return Migration on the Non-Migrants' Wages and Employment.” January 2018. (with Ljubica Nedelkoska). *European Economic Review*, pp. 101-32.
- “Explaining the Prevalence, Scaling and Variance of Urban Phenomena.” December 2016. (with Andres Gomez-Lievano and Oscar Patterson-Lomba). *Nature Human Behaviour*, vol. 1.
- “Evidence That Calls-Based and Mobility Networks Are Isomorphic.” December 2015. (with Michele Coscia). *PLoS ONE*, vol. 10 no. 12, pp. 1-15.
- “Closing the Gender Gap in Education: What is the State of Gaps in Labor Force Participation for Women, Wives and Mothers?” 2014. (with Ina Ganguli and Martina Viarengo). *International Labour Review*, vol. 153 no. 2, pp. 173-208.
- “Marriage, Education and Assortative Mating in Latin America.” 2014. (with Ina Ganguli and Martina Viarengo). *Applied Economic Letters*, vol. 21 no. 12, pp. 806-811.

- “The Structure and Dynamics of International Development Assistance.” March 2013. (with Michele Coscia and César A. Hidalgo). *Journal of Globalization and Development*, vol. 3 no. 2, pp. 1–42.
- “The Dynamics of Nestedness Predicts the Evolution of Industrial Ecosystems.” November 2012. (with Sebastián Bustos, Charles Gomez, and César A. Hidalgo). *PLoS ONE*, vol. 7 no. 11, pp. 1-8.
- “Empirical Confirmation of Creative Destruction from World Trade Data.” June 2012. (with Peter Klimek and Stefan Thurner). *PLoS ONE*, vol. 7 no. 6.
- “The Building Blocks of Economic Complexity.” June 2009. (with César A. Hidalgo). *Proceedings of the National Academy of Sciences of the United States of America*, vol. 106 no. 26, pp. 10570-75.
- “A Network View of Economic Development.” 2008. (with César A. Hidalgo). *Developing Alternatives*, vol. 12 no. 1, pp. 5-10.
- “South Africa's Export Predicament.” September 2008. (with Bailey Klinger). *Economics of Transition*, vol. 16 no. 4, pp. 609-37.
- “The Growing Current Account Surpluses in East Asia: The Effect of Dark Matter Assets.” June 2008. (with Maya Horii and Federico Sturzenegger). *International Economic Journal*, vol. 22 no. 2, pp. 141-61.
- “The Missing Dark Matter in the Wealth of Nations and Its Implications for Global Imbalances.” July 2007. (with Federico Sturzenegger). *Economic Policy*, vol. 51, pp. 469-505, 515-18.
- “The Product Space Conditions the Development of Nations.” July 2007. (with Cesar A. Hidalgo, Bailey Klinger, and Albert-Lazlo Barabási). *Science*, vol. 317 no. 5837, pp. 482-87.
- “What You Export Matters.” March 2007. (with Jason Hwang and Dani Rodrik). *Journal of Economic Growth*, vol. 12 no. 1, pp. 1-25.
- “The Valuation of Hidden Assets in Foreign Transactions: Why 'Dark Matter' Matters.” January 2007. (with Federico Sturzenegger). *Business Economics*, vol. 42 no.1, pp. 28-34.
- “Commentary: Why the U.S. Current Account Deficit is Sustainable.” August 2006. (with Federico Sturzenegger). *International Finance*, vol. 9 no. 2, pp. 223-40.
- “Getting the Diagnosis Right: A New Approach to Economic Reform.” March 2006. (with Dani Rodrik and Andrés Velasco). *Finance and Development*, vol. 43 no. 1, pp. 12-15.
- “The Long-Run Volatility Puzzle of the Real Exchange Rate.” February 2006. (with Ugo Panizza and Roberto Rigobon). *Journal of International Money and Finance*, vol. 25 no. 1, pp. 93-124.
- “Self-Discovery in a Development Strategy for El Salvador.” Fall 2005. (with Dani Rodrik). *Economia: Journal of the Latin American and Caribbean Economic Association*, vol. 6 no. 1, pp. 43-102.

“Growth Accelerations.” 2005. (with Lant Pritchett and Dani Rodrik). *Journal of Economic Growth*, vol. 10, 2005, pp. 303-29.

“On the determinants of Original Sin: an empirical investigation.” 2003. (with Ugo Panizza). *Journal of International Money and Finance*, vol. 22 no. 7.

“Economic Development as Self-Discovery.” 2003. (with Dani Rodrik). *Journal of Development Economics*, vol. 72 no. 2, pp. 603-33.

“Hard Money’s Soft Underbelly: Understanding the Argentine Crisis.” 2002. (with Andres Velasco). *Brookings Trade Forum*.

“Is FDI a Safer Form of Financing?” 2001. (with Eduardo Fernandez-Arias). *Emerging Market Reviews*, vol. 2, pp. 34-39.

“Why Do Countries Float the Way They Float?” 2001. (with Ugo Panizza, and Ernesto Stein). *Journal of Development Economics*, vol. 66 no. 2, pp. 387-414.

“The impact of inflation on budgetary discipline.” 2000. (with Joshua Aizenman). *Journal of Development Economics*, vol. 63 no. 2, pp. 425-49.

“Optimal Tax and Debt Policy with Endogenously Imperfect Creditworthiness (ITI).” 2000. (with Joshua Aizenman and Michael Gavin). *Journal of Inter-Development National Trade and Economic Policy*, pp. 367-95.

“Budget Institutions and Fiscal Performance in Latin America.” 1999. (with Alberto Alesina, Ernesto Stein, and Rudolf Hommes). *Journal of Development Economics*, vol. 59 no 2, pp. 253-73.

“El Manejo de la Política Fiscal en América Latina y el Caribe.” 1997. (with Michael Gavin, Roberto Perotti, and Ernesto Talvi). *Revista del Banco Central de Venezuela*, vol. 11 no. 1.

## BOOKS

*The Atlas of Economic Complexity: Mapping Paths to Prosperity*. (with César A. Hidalgo, Sebastián Bustos, Michele Coscia, Alexander Simoes, and Muhammed A. Yildirim). Massachusetts Institute of Technology and Center for International Development, Harvard University, 2013.

*Venezuela Before Chávez: Anatomy of an Economic Collapse*. (edited with Francisco R. Rodríguez). Penn State University Press, 2013.

*The Atlas of Economic Complexity: Mapping Paths to Prosperity*. (with César A. Hidalgo, Sebastián Bustos, Michele Coscia, Sarah Chung, Juan Jimenez, Alexander Simoes, and Muhammed A. Yildirim). HKS Center for International Development and MIT Media Lab, 2011.



*Other People's Money: Debt Denomination and Financial Fragility in Emerging Markets.* (edited with Barry Eichengreen). University of Chicago Press, 2005.

“Fundacion Salvadorena para el Desarrollo Economico y Social.” *Estrategia y Economia Social 2004-2009 Oportunidades, Seguridad y Legitimidad: Bases para el Desarrollo.* 2003.

*Global Finance from a Latin American Viewpoint.* (edited with Ulrich Hiemenz). IDB/OECD Press, 2000.

*Wanted: World Financial Stability.* (edited with Eduardo Fernandez-Arias). IDB/Johns Hopkins University Press, 2000.

*Democracy, Decentralization and Deficits in Latin America.* (edited with Kiichiro Fukasaku). OECD Press, 1998.

*Promoting Savings in Latin America.* (edited with Helmut Reisen). OECD Press, 1997.

*Banking Crises in Latin America.* (edited with Liliana Rojas-Suárez). Inter-American Development Bank, 1996.

*Securing Stability and Growth in Latin America: Policy Issues and Prospects for Shock-Prone Economics.* (edited with Helmut Reisen). IDB/OECD Press, 1996.

*Volatile Capital Flows: Taming Their Impact on Latin America.* (edited with Liliana Rojas-Suárez). Johns Hopkins University Press, 1996.

*Government Spending and Income Distribution in Latin America.* (edited with Robert Rigobon). Johns Hopkins University Press, 1993.

*America Latina, Alternative Para La Democracia.* (with Alexis Alzuru, Julia Barragan, and Juan Carlos Rey). Monde Avila Editores, 1992.

*Shocks Externos y Ajuste Macroeconomico.* Ediciones IESA/Banco Central de Venezuela, 1992.

## BOOK CHAPTERS

“Economics of Covid-19 in three sub-Saharan African countries: Ethiopia, Namibia and South Africa” (with Patricio Goldstein), in Rabah Arezki, Simeon Djankov, and Ugo Panizza, eds., *Shaping Africa's Post-Covid Recovery.* The Centre for Economic Policy Research Press, 2021.

“Career Dynamics and Gender Gaps among Employees in the Microfinance Sector” (with Ina Ganguli and Martina Viarengo), in Siwan Anderson, Lori Beaman, and Jean-Philippe Platteau, eds., *Towards Gender Equity and Development.* Oxford University Press, 2018.

“Structural Transformation in Egypt, Morocco, and Tunisia: A Comparison with China, South Korea, and Thailand” (with Sebastián Bustos), in *Comparative Study on Export Policies in Egypt, Morocco, Tunisia, and South Korea*. African Development Bank, 2012.

“Export Diversification in Algeria” (with Bailey Klinger and José R. López-Cáliz), in José R. López-Cáliz, Peter Walkenhorst, and Ndiame Diop, eds., *Trade Competitiveness of the Middle East and North Africa: Policies for Export Diversification*. The World Bank, 2010.

“Diagnosing the Binding Constraints on Economic Growth” (with Bailey Klinger), in *Towards a Sustainable and Efficient State: The Development Agenda of Belize*. Washington, DC: Inter-American Development Bank, 2010.

“The Other Invisible Hand: High Bandwidth Development Policy,” in William Easterly and Jessica Cohen, eds., *What Works in Development? Thinking Big and Thinking Small*. Brookings Institution Press, 2009.

“The Dynamics of the Gender Gap: How do Countries Rank in terms of Making Marriage and Motherhood Compatible with Work?” (with Ina Ganguli and Martina Viarengo), *Global Gender Gap Report*. Geneva: World Economic Forum Publication, 2009.

“Growth Diagnostic: Mexico” (with Bailey Klinger), in Ricardo Hausmann, Emilio Lozoya Austin, and Irene Mia, eds., *The Mexico Competitiveness Report*. World Economic Forum, 2009.

“Growth Diagnostics” (with Dani Rodrik and Andres Velasco), in Narcis Serra and Joseph E. Stiglitz, eds., *The Washington Consensus Reconsidered: Towards a New Global Governance*. Oxford University Press, 2008.

“Monetary Policy Challenges for Turkey in the European Union Accession Process: Comments,” in Erdem Basci, Subidey Togan, and Jurgen von Hagen, eds., *Macroeconomic Policies for EU Accession*. Edward Elgar Publishing, 2007.

“Macro Policy Challenges for Turkey: Some Comments,” in Erdem Basci, Subidey Togan, and Jurgen von Hagen, eds., *Macroeconomic Policies for EU Accession*. Edward Elgar Publishing, 2007.

“The Challenge of Fiscal Adjustment in a Democracy: The Case of India” (with Catriona Purfield), in P.S. Helle and M.G. Rao, eds., *A Sustainable Fiscal Policy for India: An Alternative Perspective*. *International Monetary Funds*. Oxford University Press, 2006.

“The Binding Constraints to Growth in Morocco,” in *Fostering Higher Growth and Employment in the Kingdom of Morocco*. The World Bank, 2006.

“The Causes of Financial Crises: Moral Failure versus Market Failure” (with Andres Velasco), in M.A. Centano, H. James, and J. Londregan, eds., *The Political Economy of Recurrent Debt*. Princeton Institute for International and Regional Studies, 2005.

“Towards a Strategy for Economic Growth in Uruguay” (with Andrés Rodríguez-Clare and Dani Rodrik), in *Economic and Social Study Series*. Inter-American Development Bank, 2005.

“The Dollarization debate: is it over?” in Suthiphand Chirathivat, Emil-Maria Clasassen and Jurgen Schroeder, eds., *East Asia's Monetary Future*. London, UK: Edward Elgar Press, 2004.

“Disintegration and the Proliferation of Sovereigns: Are There Lessons for Integration?” (with Matias Braun and Lant Pritchett), in A. Estevadeordal, D. Rodrik, A.M. Taylor, and A. Velasco, eds., *Integrating the Americas*. Cambridge, MA: Harvard University Press, 2004.

“An Alternative Interpretation of the 'Resource Curse': Theory and Policy Implications” (with Roberto Rigobon), in J.M Davis, R. Ossowski, and A. Fedelino, eds., *Fiscal Policy Formulation and Implementation in Oil- Producing Countries*. Washington, D.C.: IMF Press, 2003.

“Good Credit Ratios, Bad Credit Rating: the role of debt structure” in G. Kopits, ed., *Rule-Based Fiscal Policy in Emerging Markets*. London, MacMillan 2003.

“Venezuela's growth implosion: A neo-classical story?”, in D. Rodrik, ed., *Search of Prosperity*. Princeton, NJ: Princeton University Press, 2003.

“The Redesign of the International Financial Architecture from a Latin American Perspective: Who Pays the Bills?” (with Eduardo Fernandez Arias), in Leslie Elliot Armijo, ed., *Debating the Global Financial Architecture*. Albany, NY: State University of New York Press, 2002.

“Original Sin, Passthrough, and Fear of Floating.” (with Ugo Panizza and Ernesto Stein), in Mario I. Blejer and Marko Skreb, eds., *Financial Policies in Emerging Markets*. Cambridge, MA: MIT Press, 2002.

“Financial Development and Credit Crunches: Latin America and the World.” 2002. (with Matias Braun). Latin American Competitiveness Report 2002, CID-World Economic Forum.

“Foreign Direct Investment: Good Cholesterol?” (with Eduardo Fernández-Arias), in Jorge Braga de Macedo and Enrique V. Iglesias, eds., *Foreign Direct Investments Versus Other Flows to Latin America*. Paris: OECD, 2001.

“Inequality and the Family in Latin America” (with Miguel Székely), in N. Birdsall, A.C. Kelley, and S.W. Sinding, eds., *Population Matters*. London, UK: Oxford Press, 2001.

“Will the FDI Boom Bring More Growth?” (with Patricia Cortes), in Jorge Braga de Macedo and Enrique V. Iglesias, eds., *Foreign Direct Investment versus Other Flows to Latin America*. Paris: OECD, 2001.

“What's Wrong with International Financial Markets?” (with Eduardo Fernández-Arias), edited with U. Hiemenz, in *Global Finance from a Latin American Viewpoint*. IDB/OECD Press, 2000.

- “Financial Turmoil and Choice of Exchange Rate Regime” (with Carmen Pagés-Serra, Michael Gavin, and Ernesto H. Stein), edited with E. Fernandez-Arias, in *Wanted: World Financial Stability*. Washington, D.C.: IADB/Johns Hopkins University Press, 2000.
- “Preventing Crisis and Contagion: Fiscal and Financial Dimensions” (with Michael Gavin), edited with E. Fernandez-Arias, in *Wanted: World Financial Stability*. Washington, D.C.: IADB/Johns Hopkins University Press, 2000.
- “Preventing Crisis and Contagion: The Role of International Financial Institutions” (with Michael Gavin and Eduardo Fernandez Arias), edited with E. Fernandez-Arias, in *Wanted: World Financial Stability*. Washington, D.C.: IADB/Johns Hopkins University Press, 2000.
- “International Initiatives to Bring Stability to Financial Integration” (with Eduardo Fernández-Arias), edited with Eduardo Fernández-Arias, in *Wanted: World Financial Stability*. Washington, D.C.: IADB/Johns Hopkins University Press, 2000.
- “Dealing with Negative Oil Shocks: The Venezuelan Experience in the Eighties,” in P. Collier and J. Gunning, eds., *Trade Shocks in Developing Countries: Africa (Trade Shocks in Developing Countries)*. Cambridge, UK: Oxford Press, 2000.
- “Exchange Rates and Financial Fragility” (with Barry Eichengreen), in *New Challenges for Monetary Policy*. Jackson Hole, WY: The Federal Reserve Bank of Kansas City, 1999.
- “Managing Fiscal Policy in Latin America and the Caribbean: Volatility, Procyclicality, and Limited Creditworthiness” (with Michael Gavin, Roberto Perotti, and Ernesto Talvi), edited with K. Fukasaku, in *Democracy, Decentralisation and Deficits in Latin America*. IDB/OECD Press, 1998.
- “Reforming Budgetary Institutions in Latin America: The Case for a National Fiscal Council” (with Barry Eichengreen and Jurgen Von Hagen), in Robert Picciotto and Eduardo Wiesner, eds., *Evaluation and Development: The Institutional Dimension*. World Bank, 1998.
- “Getting the Lessons Right” (with Nancy Birdsall, and Michael Gavin), in S. Edwards and M. Naim, eds., *Mexico 1994: Anatomy of an Emerging-Market Crash*. Carnegie Endowment for International Peace, 1997.
- “Adoption, Management and Abandonment of Multiple Exchange Rate Regimes with Import Controls: The Case of Venezuela,” in Miguel A. Kiguel, J. Saul Lizondo, and Stephen A. Connell, eds., *Parallel Exchange Rates in Developing Countries*. Basingstoke: MacMillan Press; New York: St. Martin’s Press, 1997.
- “Make or Buy? Approaches to Financial Market Integration” (with Michael Gavin), in L. Rojas-Suarez, ed., *Safe and Sound Financial Systems. What Works for Latin America*. Washington, D.C.: IADB/Johns Hopkins University Press, 1997.
- “Saving Behavior in Latin America: Overview and Policy Issues” (with Michael Gavin and Ernesto Talvi), in *Promoting Savings Latin America*. Washington, D.C.: IDB/OECD Press, 1997.

“The Roots of Banking Crises: The Macroeconomic Context” (with Michael Gavin), edited with L. Rojas-Suarez, in *Banking Crises in Latin America*. Washington, D.C.: IADB/Johns Hopkins University Press, 1996.

“Security Stability and Growth in a Shock Prone Region: The Policy Challenge for Latin America” (with Michael Gavin), edited with H. Reisen, in *Securing Stability & Growth in Latin America: Policy Issues and Prospects for Shock Prone Economies*. Cambridge, UK. IDB/OECD Press, 1996.

“Macroeconomics of Capital Flows to Latin America: Experience and Policy Issues” (with Leonardo Leiderman and Michael Gavin), edited with L. Rojas-Suarez, in *Volatile Capital Flows: Taming Their Impact on Latin America*. Washington, D.C.: IADB/Johns Hopkins University, 1996.

“Repercusiones de las Finanzas Publicas en Materia de Distribucion” in J.N. del Arco, ed., *Políticas de Ajuste y Pobreza: Falsos Dilemas, Verdaderos Problemas*. Washington, D.C.: Inter-American Development Bank, 1995.

## WORKING PAPERS

“Buscando virtudes en la lejanía: Recomendaciones de política para promover el crecimiento inclusivo y sostenible en Loreto, Peru.” December 2020. (with Miguel Ángel Santos, Jorge Tudela Pye, Frank Muci, Yang Li, Fernando Miralles-Wilhelm, Ana Cristina Grisanti, and Jessie Lu). CID Faculty Working Paper No. 388.

“Diagnóstico de Crecimiento de Loreto: Principales Restricciones al Desarrollo Sostenible.” November 2020. (with Miguel Ángel Santos, Frank Muci, Jorge Tudela Pye, Ana Grisanti, and Jessie Lu). CID Faculty Working Paper No. 387.

“La Riqueza Escondida de Loreto: Análisis de Complejidad Económica y Oportunidades de Diversificación Productiva” October 2020. (with Miguel Ángel Santos, Jorge Tudela Pye, Yang Li, and Ana Grisanti). CID Faculty Working Paper No. 386.

“Emerging Cities as Independent Engines of Growth: The Case of Buenos Aires.” October 2020. (with Douglas Barrios, Daniela Muhaj, Sehar Noor, Carolina Pan, Miguel Angel Santos, Jorge Tapia, and Bruno Zuccolo). CID Faculty Working Paper No. 385.

“Horrible Trade-offs in a Pandemic: Lockdowns, Transfers, Fiscal Space, and Compliance.” July 2020. (with Ulrich Schetter). CID Faculty Working Paper No. 382.

“Gender Differences in Professional Career Dynamics: New Evidence from a Global Law Firm.” April 2020. (with Ina Ganguli and Martina Viarengo). CID Faculty Working Paper No. 378.

“You Get What You Pay for: Sources and Consequences of the Public Sector Premium in Albania and Sri Lanka. February 2020. (with Ljubica Nedelkoska and Sehar Noor). CID Faculty Working Paper No. 376 and HKS Faculty Research Working Paper Series RWP20-004.

“A Roadmap for Investment Promotion and Export Diversification: The Case of Jordan.” December 2019, revised March 2020. (with Patricio Goldstein, Ana Grisanti, Tim O’Brien, Jorge Tapia, and Miguel Angel Santos). CID Faculty Working Paper No. 374.

“Female Labor in Jordan: A Systematic Approach to the Exclusion Puzzle.” October 2019. (with Semiray Kasoolu, Tim O’Brien, and Miguel Angel Santos). CID Faculty Working Paper No. 365.

“Smart Development Banks.” April 2019. (with Eduardo Fernández-Arias, and Ugo Panizza). CID Faculty Working Paper No. 350.

“Jordan: The Elements of a Growth Strategy.” February 2019. (with Tim O’Brien, Miguel Angel Santos, Ana Grisanti, Semiray Kasoolu, Nikita Taniparti, Jorge Tapia, and Ricardo Villasmil). CID Faculty Working Paper No. 346.

“Machine-Learned Patterns Suggest That Diversification Drives Economic Development.” December 2018. (with Charles D. Brummitt, Andres Gomez-Lievano, and Matthew H. Bonds).

“Determining the Differences that Matter: Development and Divergence in US States over 1850-2010.” September 2018. (with Penny Mealy and J. Doyne Farmer). HKS Faculty Research Working Paper Series RWP18-030.

“Productive Ecosystems and the Arrow of Development.” September 2018. (with Neave O’Clery, and Muhammed A. Yildirim).

“Place-Specific Determinants of Income Gaps: New Sub-National Evidence from Chiapas, Mexico.” July 2018. (with Carlo Pietrobelli and Miguel Angel Santos). CID Faculty Working Paper No. 343.

“Career Dynamics and Gender Gaps among Employees in the Microfinance Sector.” May 2018. (with Ina Ganguli and Martina Viarengo). UNU-WIDER Working Paper No. 2017/117.

“Measuring Venezuelan Emigration with Twitter.” May 2018. (with Julian Hinz and Muhammed A. Yildirim). CID Faculty Working Paper No. 342.

“Appraising the Economic Potential of Panama: Policy Recommendations for Sustainable and Inclusive Growth.” May 2017. (with Miguel Angel Santos and Juan Obach). CID Faculty Working Paper No. 334.

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