

## CURRICULUM VITAE

Last revision:  
January, 2019.

**Name:** Santiago Levy Algazi.

**Date of birth:** January 16, 1956.

**Nationality:** Mexican.

**Languages:** Spanish / English.

**Marital status:** Married, 2 daughters.

**Home address:** 3505 Leland St.  
Chevy Chase, MD 20815

**Education:** **Post-Doctoral Fellow**, Cambridge University,  
Faculty of Economics and Politics, January – September, 1981.

**PhD in Economics**, Boston University (Honorary Mention),  
January 1980.

**Master in Political Economy**, Boston University, May 1978.

**Bachelor of Arts in Economics**, Boston University (Magna Cum Laude),  
December 1976.

### Current positions:

**President 2018-2019**, Latin American and Caribbean Economic Association.

**Senior Fellow (non-resident)**, The Brookings Institution, United States.

**Research Fellow**, Institute for the Study of Labor, IZA, Germany.

**Member**, The Trilateral Commission, Mexico Chapter.

**Board Member**, Research Institute for Development, Growth and  
Economics, RIDGE, Montevideo, Uruguay.

**Board Member**, Institute for New Structural Economics, Peking University,  
China.

### Previous positions in international organizations:

**Vice-president for Sectors and Knowledge**,

Inter-American Development Bank.

Direct responsibility directing and supervising: research and analytical work  
for all sector departments in the Bank including macroeconomic analysis;  
preparation and supervision all sovereign guaranteed operations; policy  
dialogue and knowledge dissemination.

March 2008 – September 2018.

**Chief Economist,**  
Inter-American Development Bank.  
August 2007 – February 2008.

**Previous positions in the Government of Mexico:**

**General Director,** Mexican Social Security Institute (IMSS),  
December 2000 – October 2005.

Responsibility for providing health services to 45 million people and pensions for 12 million workers; promoted changes to the Social Security Act to increase transparency and accountability in IMSS finances, reform pensions for IMSS workers, and extend coverage to rural workers; introduced preventive health programs and electronic medical records.

**Deputy Minister,** Ministry of Finance and Public Credit,  
December 1994 - November 2000.

Responsibility for the design and operation of the Federal Budget; main architect of *Progres-a-Oportunidades*, Mexico's health, nutrition and education program for the poor; legal reforms to decentralize resources to states and municipalities; participated in the change from pay-as-you-go to capitalized pension system.

**President,** Federal Competition Commission,  
June 1993 - December 1994.

First president of Mexico's anti-trust agency; directed cases on gasoline distribution by the public oil monopoly company, on the opening of the national private telecommunications monopoly to long distance competition, and on collusion by private banks in government bond auctions.

**Director, Economic Deregulation Program,** Ministry of Trade and  
Industrial Promotion, February 1992 - June 1993.

Drafted Economic Competition Act; worked on de-regulation of the public electricity monopoly company; drafted legal reforms to reduce transaction costs to firms; participated in negotiations of the North American Free Trade Agreement.

**Academic positions:**

**Associate Professor of Economics (tenured),** Boston University,  
September 1989 - May 1993.

**Director, Institute for Economic Development,** Boston University,  
September 1989 - August 1990.

**Assistant Professor of Economics,** Boston University,  
September 1983 - August 1989.

**Associate Researcher,** Center for Latin American Development Studies,  
Boston University, January 1983 - August 1988.

**Professor of Economics**, Instituto Tecnológico Autónomo de México,  
March 1979 - December 1982.

**Awards and invitations:**

Boston University, Department of Economics, **Distinguished Alumni Award**, First alumni to be given award, “For his contributions toward alleviating world poverty”, 2014.

Boston University, member, **Collegium of Distinguished Alumni**, 2012.

First Place, **National Research Prize in Economics 1992**, granted by Banco Nacional de México for the article "La Pobreza en México".

First Place, **Latin American Economics Prize 1992**, granted by El Trimestre Económico for the article "Tipos de Cambio Múltiples y Racionamiento de Divisas", (with Roberto Rosales).

**Visiting Professor**, Instituto Torcuato Di Tella, Argentina,  
July - August 1989.

Honorary Mention, **National Research Prize in Economics 1986**, granted by Banco Nacional de México, for the article:"Respuestas de Corto Plazo ante Crisis de Divisas".

**Doctoral Scholarship**, Banco Nacional de México.

**Post-Doctoral Scholarship**, National Science and Technology Council.

**Consulting experience:**

United Nations Development Program, World Bank, Inter-American Development Bank, International Labor Organization.

**Recent substantive references in journals and news magazines:**

“Why Mexico has not become more prosperous, and how it could”,  
**The Economist**, Bello Column, July 19, 2018.

“Mexico’s Economy Struggles to Reap Rewards of Good Behavior”,  
**Financial Times**, July 16, 2018.

“The Reform that Got Away” **The Economist**, Bello Column, May 31, 2014.

“The Creator of CCTs Looks to a New Challenge to Social Inclusion”  
**Americas Quarterly**, Spring 2012, Vol 6/No. 2, pp.54-55.

“Do the Right Things”, **Financial Times**, May 24,2008.

“A Payoff Out of Poverty?” **The New York Times Sunday Magazine**, December 21, 2008.

“Se Subsidia la Informalidad”, **Reforma Sunday Magazine (Enfoque)**, September 7, 2008.

“Buenas Intenciones, Pobres Resultados”, **Nexos**, February, 2009.

## **Publications:**

### **1. Blogs**

**“Poverty in Latin America: Where do we come from, where are we going?”**  
Brookings Institution, May 10, 2012.

**“When will fast growth return to Latin America?”**  
Brookings Institution, May 9, 2014.

**“Is social policy in Latin America heading in the right direction? Beyond Conditional Cash Transfer Programs”**  
Brookings Institution, May 21, 2015.

**“The great failure: Retirement pensions in Latin America”**  
Brookings Institution, June 27, 2017.

**“The Mexican Paradox”** (with Dani Rodrik)  
Project Syndicate, August 10, 2017.

**“Will more education increase growth in Mexico?”**  
Brookings Institution, March 22, 2018.

**“Should governments favor small firms with special tax regimes?”**  
Brookings Institution, November 5, 2018.

### **2. Own books:**

**“Under-Rewarded Efforts: The Elusive Quest for Prosperity in Mexico”**,  
Inter-American Development Bank, 2018.

In Spanish as:

**“Esfuerzos Mal Recompensados: La Elusiva Búsqueda de la Prosperidad en México”**, Banco Interamericano de Desarrollo, 2018.

**“The End of Informality in Mexico? Fiscal Reform for Universal Social Insurance”**, Inter-American Development Bank monograph, June 2012 (with A. Antón and F. Hernández).

**“Good Intentions, Bad Outcomes: Social Policy, Informality and Economic Growth in Mexico”**, Brookings Institution Press, 2008.

In Spanish as:

**“Buenas Intenciones, Malos Resultados: Política Social, Informalidad y Crecimiento Económico en México”** Editorial Océano, 2010.

**“Progress against Poverty: Sustaining Mexico’s Progres-Oportunidades Program”**, Brookings Institution Press, 2006.

In Spanish as:

**“Pobreza y Transición Democrática en México”**, Editorial Fondo de Cultura Económica, 2009.

**“Ensayos sobre el Desarrollo Económico y Social de México”**, Editorial Fondo de Cultura Económica, México, 2004.

**“Sin Herencia de Pobreza”**, Editorial Planeta, 2005 (with Evelyne Rodríguez).

### 3. Reviews of own books:

“Progress against Poverty”, Outstanding academic title for 2006, **Choice Magazine**, January 2007.)

”Progress against Poverty”, reviewed by M. Molyneux in **Journal of Latin American Studies**, vol. 40, 2008, pp. 175-177.

“Good Intentions, Bad Outcomes”, reviewed by N. Lustig in **Economic Development and Cultural Change**, 58(4) July 2010, pp.820-23.

### 4. Edited books:

**“No Growth without Equity? Inequality, Interests, and Competition in Mexico”**, Palgrave Macmillan, Washington, D.C., 2009 (with Michael Walton).

### 5. Articles in academic journals:

**“Persistent Misallocation and the Returns to Education in Mexico”**, forthcoming, World Bank Economic Review, (with L.F. López-Calva).

**“¿Más Escolaridad, Menos Informalidad? Un Análisis de Cohortes para México y América Latina”**, El Trimestre Económico, Vol. LXXXIII, 2016, pp. 499-548 (with Miguel Szekely).

**“Latin America’s Social Policy Challenge: Education, Social Insurance, Redistribution”**, Journal of Economic Perspectives, Vol. 27, No. 2, 2013, pp.193-218 (with N. Schady).

**“Strengthening Preventive Care Programs: A Permanent Challenge for Healthcare Systems; Lessons from PREVENIMSS Mexico”** with G. Gutiérrez, R. Perez-Cuevas, H. Reyes, B. Acosta, S. Fernandez-Canton and O. Munoz, BMC Public Health, 10:417, 2010.

**“¿Pueden los Programas Sociales Reducir la Productividad y el Crecimiento Económico? Una Hipótesis para México”**, El Trimestre Económico, vol. LXXIV, 2007, pp. 491-542.

**"El Sur También Existe: Un Ensayo sobre el Desarrollo Regional de México"**, Economía Mexicana, Vol. XI, 2002, pp. 202-60 (with E. Dávila y G. Kessel).

**"Empleo Rural y Combate a la Pobreza: Una Propuesta de Política"**, Economía Mexicana, Vol. IV, 1995, pp. 313-53 (with E. Dávila y L.F. López Calva).

**"Transition Problems in Economic Reform: Agriculture in the North American Free Trade Agreement"**, American Economic Review, Vol. 85, 1995, pp. 738-54 (with Sweder van Winjbergen).

**"Labor Markets, Migration and Welfare: Agriculture in the North-American Free Trade Agreement"**, Journal of Development Economics, Vol. 43, 1994, pp. 263-78 (with Sweder van Wijnbergen).

In Spanish as:

**“Mercados de Trabajo, Migración y Bienestar: la Agricultura en el Tratado de Libre Comercio entre México y los Estados Unidos”**, El Trimestre Económico, Vol. 60, 1993, pp. 371-411 (with Sweder van Wijnbergen).

**"Antecedentes Económicos para una Nueva Ley Federal de Competencia Económica"**, El Trimestre Económico, Vol. 60, 1993, pp. 230-55 (with Gabriel Castañeda, Gabriel Martínez y Gustavo Merino).

**"Inconvenientes de los Rembolsos de Exportación"**, El Trimestre Económico, Vol. 59, 1992, pp. 469-99 (with Jere R. Behrman).

**"Maize and the México-United States Free Trade Agreement"**, The World Bank Economic Review, Vol. 6, 1992, pp. 481-503 (with Sweder van Wijnbergen).

**"La Pobreza Extrema en México: Una Propuesta de Política"**, Estudios Económicos de El Colegio de México, Vol. 6, 1991, pp. 47-89.

**"Trade and Foreign Investment Policies under Imperfect Competition: Lessons for Developing Countries"**, Journal of Development Economics, Vol. 37, 1992, pp. 31-62 (with Sean Nolan).

In Spanish as:

**“Las Políticas de Comercio Internacional y de Inversión Extranjera en Competencia Imperfecta”**, El Trimestre Económico, Vol. 58, 1991, pp. 317-355 (with Sean Nolan).

**“Tipos de Cambio Múltiples y Racionamiento de Divisas: Teoría y Aplicaciones para El Salvador”**, El Trimestre Económico, Vol. 58, 1991, pp. 521-59 (with Roberto Rosales).

**“Export Subsidies and the Balance of Trade”**, Journal of Development Economics, Vol. 31, 1989, pp. 99-122.

In Spanish as:

**“Los Subsidios a la Exportación y la Balanza Comercial”**, El Trimestre Económico, Vol. 55, 1988, pp. 395-421.

**“The Short-Term Macroeconomic Effects of Price Controls”**, Journal of Policy Modelling, Vol. 13, 1991, pp. 157-185.

In Spanish as:

**“Efectos Macroeconómicos del Control de Precios: Un Análisis de Equilibrio General a Corto Plazo”**, Estudios Económicos de El Colegio de México, Vol.3, 1988, pp. 27-56.

**“Short Run Responses to Foreign Exchange Crises”**, Journal of Policy Modelling, Vol. 9, 1987, pp. 577-615.

**“A Short Run General Equilibrium Model for a Small, Open Economy”**, Journal of Development Economics, Vol. 25, 1987, pp. 63-88.

**“Un Modelo Clásico de Comercio Internacional”**, Estudios Económicos de El Colegio de México, Vol. 1, 1986, pp. 281-303.

**“Factor Demand Functions for Constant Returns to Scale Technologies”**, Southern Economic Journal, Vol. 51, 1985, pp. 860-67.

**“Cambio Tecnológico y Uso de la Energía en México”**, El Trimestre Económico, Vol. 52, 1985, pp. 1141-63.

**“A Mark-Up Pricing Model for Price Simulations”**, Journal of Development Economics, Vol. 19, 1985, pp. 299-320.

**“Foreign Trade and its Impact on Employment: The Mexican Case”**, Journal of Development Economics, Vol. 9, 1981, pp. 47-65.

## **6. Book chapters:**

**“Seguridad Social: Una Salida al Callejón sin Salida”**, in ¿Y Ahora Qué? México ante el 2018, Aguilar Camín, Ed., 2017, pp. 297-308, Penguin Random House Grupo Editorial, México.

**“The Evolution of Social Security Systems in Latin America”**, in Social Insurance, Informality and Labor Markets: How to Protect Workers while Creating Good Jobs, Oxford University Press for the Inter-American Development Bank, IZA and the World Bank, M. Frolick, D. Kaplan, C. Pages, J. Rigolini and D. Robalino, eds., 2014, pp. 33-55, (with David Kaplan).

**“Personal and Technical Reflections on the Informal Sector and Social Policy in Oaxaca”** in Bridging Perspectives, Cornell-SEWA-WIEGO Exposure Dialogue Programme on Labour, Informal Employment and Poverty, 2013, N. Bail, M. Chen and R. Kanbur, eds., 2013, pp. 465-505.

**“Reforma Fiscal y Social para el Bienestar Social y el Crecimiento Económico: una Propuesta”** in La Flecha al Aire: Homenaje a Javier Beristain, Ensayos sobre Economía, Desarrollo e Innovación Educativa, Editorial Porrúa, México, 2010, pp.191-241.

**“Can Social Programs Reduce Productivity and Growth? A Hypothesis for Mexico”** in Labor Markets and Economic Development, Kanbur, R., and Svejnar, J., editors, Routledge, London and New York, 2009, pp. 218-235.

**“Informality, Productivity, and Growth in Mexico”**, in Annual World Bank Conference on Development Economics 2008, Private Sector and Development, J.Y. Lin and B. Pleskovic, editors, The World Bank, 2009, Washington, D.C., pp. 53-64.

**“Overview”**, in No Growth without Equity? Inequality, Interests, and Competition in Mexico, S. Levy and M. Walton, editors, Palgrave Macmillan, 2009, pp. 1-42.

**“Social Security Reform in Mexico: For Whom?”** in No Growth without Equity? Inequality, Interests, and Competition in Mexico, S. Levy and M. Walton, editors, Palgrave Macmillan, 2009, pp. 203-244.

**“Taxing for Equity: A Proposal to Reform Mexico’s Value Added Tax”** in Latin American Economic Reform, The Second Stage edited by J.A. González, V. Corbo, A Krueger and A. Tornell, University of Chicago Press, 2003, pp. 357-392.

**“Crecimiento, Pobreza y Desigualdad”** in América Latina XXI: ¿Avanzará o Retrocederá la Pobreza?, edited by Fernando Solana, Fondo de Cultura Económica, 2002.

**“Observaciones sobre la Nueva Legislación de Competencia Económica en México”** in Lecturas en Regulación Económica y Política de Competencia, edited by Ramiro Tovar Landa, Instituto Tecnológico Autónomo de México, 2000.

**“Pobreza y Dispersión Poblacional”** in La Seguridad Social en México, edited by F. Solís y F.A. Villagómez, Fondo de Cultura Económica, 1999 (con Enrique Dávila).

**“La Pobreza en México”** in La Pobreza en México, Causas y Políticas para Combatirla, edited by F. Vélez, Fondo de Cultura de Económica, 1994.

**“Respuesta de Corto Plazo ante Crisis de Divisas”** in La Economía Mexicana un Enfoque Analítico, edited by Gonzalo Castañeda, Editorial Limusa, 1994

**“La Apertura Comercial y el Programa de Desregulación Económica en México”**, in La Administración Pública Contemporánea en México, edited by María Elena Vázquez Nava, Fondo de Cultura Económica, 1993.

**“Agricultural Adjustment in Mexico”**, in Open Economies: Structural Adjustment and Agriculture, edited by I. Goldin y L.A. Winters, Cambridge University Press, 1992, (con Sweder van Wijnbergen).

**“Populism and Economic Policy in Mexico, 1970-82”**, in The Macroeconomics of Populism in Latin America, edited by R. Dornbusch y S. Edwards, University of Chicago Press for the National Bureau of Economic Research, 1991 (with Carlos Bazdresh).

**“Mexico”**, in The Open Economy: Tools for Policymakers in Developing Countries, edited by R. Dornbusch y F.C.H. Helmers, Oxford University Press, 1988 (with Eliana Cardoso).

**“Un Modelo de Simulación de Precios para la Economía Mexicana”**, in Ensayos sobre el Proceso Inflacionario Mexicano, edited by A. Ize y G. Vera, El Colegio de México, 1985.

**“Sobre las Políticas de Precios de las Empresas Públicas: Un Modelo de Simulación”**, in La Eficiencia de las Empresas Públicas, edited by A. Gorostiaga, Centro Interamericano de Capacitación en Administración Pública, Buenos Aires, 1986.

## **7. Monographs, articles in non-referred journals and reports:**

**“Réplica a la Reseña de Jaime Ros sobre Esfuerzos Mal Recompensados”**  
Revista Economía UNAM, Vol 16, Num. 46, 2019, pp. 284-303.

**“Labor Market Search, Informality, and On-the-Job Human Capital Accumulation”**, IZA Discussion Paper DP-12091, January 2019 (with Matteo Bobba, Luca Fabbi and Mauricio Tejeda).

**“Labor Market Search, Informality and Schooling Investments”**, Inter-American Development Bank, Working Paper Series, IDB-WP 863, January 2018 (with Matteo Bobba and Luca Fabbi).

**“Labor Earnings, Misallocation and the Returns to Schooling in Mexico”**, Inter-American Development Bank, Working Paper Series IDB-WP-671, February 2016 (with Luis Felipe López-Calva).

**“Is Social Policy in Latin America Heading in the Right Direction? Beyond Conditional Cash Transfer Programs”**, Latin America Policy Journal, Spring 2014, pp. 24-30.

**“On Finding the Right Bundles: Social Policy, Growth and Equal Development”**, Journal of International Affairs, Vol. 66, No. 2, 2013, pp. 171-77.

**“Seguridad Social Universal: Un Camino para México”**, Nexos, Núm. 419, Noviembre 2012, pp. 35-44.

**“(In)Formal and (Un)Productive: The Productivity Costs of Excessive Informality in Mexico”**, Inter-American Development Bank, Working Paper Series, IDB-WP-341, August 2012 (with M. Busso and V. Fazio).

**“¿Universalización de la Salud o de la Seguridad Social?”**, Gaceta Médica de México, Vol. 147, 6, 2011, pp. 455-69.

**“Buenas Intenciones, Malos Resultados: Política Social, Informalidad y Crecimiento Económico en México”**, Finanzas Públicas, Número 1, Primer Semestre 2009.

**“Productividad, Crecimiento y Pobreza en México: ¿Qué Sigue Después de Progres- Oportunidades”**, Departamento de Investigación, Banco Interamericano de Desarrollo, Junio, 2007.

**“Expenditure Decentralization and Poverty Alleviation in Mexico”**, in Decentralized Service Delivery for the Poor, World Bank-Mexico, 2006.

**“Economic Crisis, Political Transition and Poverty Policy Reform: Mexico’s Progres- Oportunidades Program”** (with Evelyne Rodriguez), Inter-American Development Bank, 2005.

**“Los Nuevos Desafíos de la Seguridad Social”**, Nexos, No. 310, 2003, pp. 54-58.

**“Seguridad Social para Todos”**, Memoria del Primer Seminario sobre Seguridad Social, Centro Interamericano de Estudios de Seguridad Social, 2002 pp. 27-44.

**"La Modernización del Instituto Mexicano del Seguro Social",** Gaceta Médica de México, Vol. 137, No. 5, September 2001, pp. 425-428.

**"Reorienting Mexico's Social Policy",** Mexico in Transition, Woodrow Wilson Center Report on the Americas, No. 1, 2001, pp. 27-35.

**"El Presupuesto de Egresos de la Federación: Transparencia, Discrecionalidad y Eficiencia",** Este País, No. 115, October 2000, pp. 2-14.

**"Política de Gasto Público para 1999",** Exámen, Vol. 111, 1999, pp. 8-11.

**"Subsidios y Política Social",** Exámen, Vol. 110, año 10, 1998, pp. 18-30, (with Enrique Dávila).

**"Presupuesto y Política Social"** Nexos, No.239, 1997, pp.7-10.

**"Revolución Microeconómica y Reforma Social: A la Mitad del Camino",** Exámen, Vol. 62, 1994, pp. 10-11.

**"Mexican Regulators Humming the Deregulation Rag",** The Wall Street Journal, July 30, 1993.

**"Opening Doors by Opening Laws",** The Recorder, July 30, 1993.

**"La Nueva Política de Competencia en México"** in Ejecutivos de Finanzas, No. 6, 1993, pp. 14-28.

**"Mexican Agriculture in the Free Trade Agreement",** OECD Development Centre Technical Paper # 63, May 1992, (with Sweder van Wijnbergen).

**"Transition Problems in Economic Reform",** Center for Economic Policy Research Discussion Paper # 624, February 1992, and World Bank, Policy, Research and External Affairs, Working Paper No. 967, August 1992.

**"Poverty Alleviation in Mexico",** World Bank, Policy, Research and External Affairs, Working Paper No. 679, May 1991

**"Public Policy Towards Poverty Alleviation",** in México in Transition: Towards a New Role for the Public Sector, Reporte del Banco Mundial, 8770-ME, 1991, Washington, D.C.

**"El Problema del Empleo en la Década de los Ochentas",** in México en la Década de los Ochentas, edited by Banco Nacional de México, 1981.

**"El Problema del Empleo en México"**, Exámen de la Situación Económica de México, Vol. 55, 1980, pp. 413-428.

#### **8. Book reviews:**

**Balance of Payments Adjustment 1945 to 1986: The IMF Experience** by Margaret Garrisen de Vries, and **Theoretical Aspects of the Design of Fund-Supported Adjustment Programs: A Study by the Research Department of the International Monetary Fund**, in Economic Development and Cultural Change, Vol. 38, No. 2, 1990, pp. 414-21.

**"Trade and Structural Change"**, in Mexico and the United States: Studies in Economic Interaction, edited by P.B. Musgrave, Westview Press, 1985.

**"Comments"** on Economic Policy and Equity, edited by V. Tanzi, K.Y. Chu, and S. Gupta, International Monetary Fund, 1999, pp. 192-96.

#### **9. Other articles and reports:**

**"Policy Notes on the Millennium Development Goals"**, prepared for the Poverty Unit, United Nations Development Program, December 2006.

**"Policy Notes on Conditional Cash Transfer Programs"**, paper prepared for the Poverty Unit, United Nations Development Program, December 2006.

**"Social Policy, Productivity and Growth"**, Report for the World Bank Latin American and Caribbean Department, September 2006.

**"The Macroeconomic Effects of Primary Commodity Price Instability in Bolivia, Chile and Perú: a Background Paper"**, March 1989, (with F. Gerard Adams y R. Behrman).

**"Trade Policy in Bolivia"**, February 1989, (with Dani Rodrik).

**"Trade De-Regulation in Indonesia: A General Equilibrium Analysis"**, Development Studies Project II, Research Memorandum # 28, August 1988, (with Jere R. Behrman).

**"Instrumentos Fiscales y Financieros para la Promoción de Exportaciones en Bolivia"**, report presented to the Government of Bolivia, August 1987.

**"An Evaluation of Economic Research at the Instituto Latinoamericano de Estudios Transnacionales"**, report presented to the Ford Foundation, April 1987.

**"La Medición de la Ventaja Comparativa en el Sector Manufacturero del Perú"**, report presented to the United Nations Development Program, December 1986, (with Rodrigo Parot and Martha Rodríguez).

**"Metodología para el Diseño de Incentivos Industriales en el Ecuador"**, report presented to the Government of Ecuador, December 1984, (with Martha Rodríguez).

**"La Ventaja Comparativa de Corto Plazo en la Producción Manufacturera de Guatemala"**, report presented to the Inter-American Development Bank, December 1983, (with Rodrigo Parot y Daniel Schydlofsky).

**"Sobre el Patrón de Uso de Energía de la Economía Mexicana"**, report to the Advisor's Office of the Presidency of Mexico, June, 1982.

**El Problema del Empleo en México**, research report, edited by Banco Nacional de México, May 1980.