

David Mayer-Foulkes

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PROFESSIONAL EXPERIENCE

1991-	Full-time tenured professor at CIDE (ranked best Economics BA in Mexico)
1995-	National Researcher in Mexico, Level III, Sistema Nacional de Investigadores
2015-2016	Visiting Professor at UCLA Blum Center for Poverty and Health in Latin America
2013-2014	Invited Professor at Colegio de la Frontera Sur, Chiapas, México
2007-2009	Visiting Professor at UCLA Economics Department
2003-2007	Member of the Mexican Commission on Macroeconomics and Health
2002	Visiting Professor at the Kiel Institute for World Economics, Kiel University
2000-2001	Visiting Fulbright Scholar at Brown University Economics Department
1991-2000	Mathematics Teaching Coordinator at CIDE

AWARDS

2007	First place in <i>Víctor Urquidí Economics Prize</i> , El Colegio de México, for “The Human Development Trap in Mexico.”
2004	<i>Gold Medal for Research on Development</i> in the Pro-market reform and the Poor category at the Fifth Global Development Network Conference, New Delhi, for “Market Failures in Health and Education Investment for the Young, Mexico 2000”.
2003	<i>Silver Medal for Research on Development</i> in the Growth, Inequality and Poverty category at the Fourth Global Development Network Conference, Cairo, for “Global Divergence”.

EDITOR

2003-2011	Director of the journal <i>Economía Mexicana. Nueva Época</i> .
2013	Member of the Editorial Board, <i>Politics & Policy</i> .
2011	Associate Editor, Spaces and Flows, An International Journal of Urban and ExtraUrban Studies, Volume 1, Issues 1 and 3.
2004-	Member of the Editorial Committee of <i>Panorama Económico</i> .

CONFERENCE ORGANIZER

2015	<i>DEGIT XX Conference</i> , “Dynamics, Economic Growth and International Trade”, Geneva, Switzerland, September 3-4, with Marcelo Olarreaga, Bjarne Jensen.
2013	<i>DEGIT XVIII Conference</i> , “Dynamics, Economic Growth and International Trade”, <i>PUCP</i> , Lima, Peru, September 26-27, with Bjarne Jensen, Rodolfo Cermeño and Janina León Castillo.
2010	“Beyond Borders: Migration, Security and Cooperation in North America”, <i>UCLA</i> , May 14-15, with Ruben Hernandez-Leon.

- 2010 “Workshop in Social Networks”, *UCLA*, March 5-6, with Ruben Hernandez-Leon and Kaniska Dam.
- 2009 ***DEGIT XIV Conference***, “Dynamics, Economic Growth and International Trade”, *UCLA*, June 5-6, with Bjarne Jensen.
- 2009 “Latin American Economies: History and Globalization”, *UCLA*, April 24-25, with William Summerhill.
- 2005 ***DEGIT X Conference***, “Dynamics, Economic Growth and International Trade”, *CIDE*, Mexico, June 3-4, with Bjarne Jensen.

RESEARCH GRANTS

- 2015-2016 “Impacto Macroeconómico de las Enfermedades Crónicas no Transmisibles en Latinoamérica y el Caribe,” CONACYT.
- 2012 “The Universal Health Coverage Agenda in the Caribbean: Challenges and Options,” for the Pan American Health Organization.
- 2011 “Inequality, Human Development and Sustainability: Cross-Country Determinants,” for Human Development Report 2011, *UNDP*.
- 2009 “Divergences and Convergences in HDI components,” for Human Development Report 2010, *UNDP*.
- 2009 “Macroeconomic Impact of Non-Communicable Chronic Diseases in the Americas: A Literature Review,” for *Pan-American Health Organization*.
- 2009 “Impacto de Género e Indigenismo sobre el Desarrollo Humano en México,” for the *United Nations Development Program in Mexico*.
- 2008 “Economic Geography and Underdevelopment,” Apoyo para Investigadores Nacionales para el Fortalecimiento de Actividades de Tutoría y Asesoría de Estudiantes de Nivel Licenciatura, *CONACYT-SNI* (support for undergraduate students advised by SNI researchers).
- 2008 “Local versus Individual Determinants of Health Inequities Bolivia, Brazil, Guatemala, Peru”, for Regional Report UNDP- LAC 2008/2009, *UNDP*.
- 2008 “Local versus Individual Determinants of Cognitive Inequities in Mexico”, for Regional Report UNDP- LAC 2008/2009, *UNDP*.
- 2005-2008 “Persistencia Económica de Subdesarrollo y Desigualdad”, *CONACYT*, México.
- 2004 “Racial and Ethnic Health Inequities: Bolivia, Brazil, Guatemala, Mexico, Peru”, for the *Inter American Development Bank*.
- 2004 “Local Determinants of Manufacturing Productivity and Innovation”, for the *Science and Technology Program of CIDE*.
- 2004 “Health and Economic Growth in Mexico”, for the *Mexican Commission on Macroeconomics and Health*.
- 2004 “Early Childhood Nutrition and Education in Mexico”, for the *Mexican Commission on Macroeconomics and Health*.
- 2002-2003 “Nutrition and Human Capital in Mexico. Returns and Intergenerational Transmission”, for the *Pan American Health Organization*.
- 2002 “Knowledge, Scale and Innovation: Lessons from Veterinary Pharmaceuticals and Poultry in Mexico”, for the *World Bank* for the NAFTA Evaluation Project.
- 2002 Galor, O. and Mayer-Foulkes, D. “Food for Thought: Basic Needs and Persistent Educational Inequality”, for the *Pan American Health Organization*.
- 2002 Mayer-Foulkes, D. and Foster, Andrew “Scale, Technological Change and Human Capital: Manufacturing and Development in Mexico,” prepared for the *World Bank*

- as background paper for “Knowledge in Latin America and the Caribbean: Reconsidering Education, Training, and Technology Policies”.
- 2000-2001 “Economic Growth by Income Strata: A comparison for the U.S. and Mexico”, **Fulbright Research Grant**, for sabbatical at **Brown University Economics Department**.
- 2000-2001 “El Crecimiento por Estratos: Descomposición a Nivel de Municipios y Condados en México y Estados Unidos”, **CONACYT** support for sabbatical project.
- 1999-2003 “El Crecimiento por Estratos: Descomposición a Nivel de Municipios y Condados en México y Estados Unidos”, **CONACYT**, Mexico.
- 1998-1999 “Health, Growth, and Income Distribution in Latin America and the Caribbean: A Study of Determinants and Regional and Local Behavior”, winner of the Regional Competition on Investment in Health and Economic Growth at the **Pan American Health Organization**, coordinated by Mayer-Foulkes, D., carried out jointly by CIDE, FEDESARROLLO and FUNSALUD.
- 1997-1998 “Estadísticos U para Pruebas de Independencia No Lineales”, **CONACYT**, Mexico.
- 1994-1996 Mathematical and programming consultant for the **CONACYT** project “Modelado dinámico-espacial del crecimiento de cultivos” with Luis García Barrios, in collaboration with Colegio de la Frontera Sur and Centro de Ecología de la UNAM.

REFEREEING

American Economic Review, AEJ Macroeconomics, Review of Economic Studies, European Economic Review, Journal of Development Economics, Journal of Economic Theory, Review of Development Economics, Economic Journal, Journal of Economic Growth, World Development, Economic Letters, Statistics and Computing, International Journal of Social Inquiry, Research in Economics, Journal of Economics, Spaces and Flows, Trimestre Económico, Problemas del Desarrollo, Estudios Económicos, EconoQuantum, UAM Ixtapalapa, Acta Universitaria, Etapa Final del Premio Banamex.

PUBLICATIONS

Economics – English

1. Mayer-Foulkes David (2017). Macroeconomics of Poverty: Development and Underdevelopment under Globalization, CreateSpace Independent Publishing Platform.
2. Mayer-Foulkes, David (2017). “Convergence and Divergence under Global Trade,” **International Journal of Economics and Finance**, Vol 9, No 3.
3. Mayer-Foulkes, David and Mayer-Hirshfeld, Ilana (2016). “Macroeconomía y factores de riesgo de las ENT: un programa de políticas,” en Dimensiones Económicas de las Enfermedades Crónicas No Transmisibles en Latinoamérica y el Caribe, to appear in Companion Volume of Disease Control Priorities, 3rd Edition, Department of Global Health, University of Washington.
4. Mayer-Foulkes, David (2016). “The Innovation-Absorption Dichotomy, Distribution, and Efficiency,” **Sobre México. Revista de Economía** vol. 1(2), 4-19.
5. Mayer-Foulkes, David and Mayer-Hirshfeld, Ilana (2016). “Macroeconomics and Risk Factors for NCDs: A Policy Agenda,” in **Economic Dimensions of Noncommunicable Diseases in Latin America and the Caribbean, Companion Volume of Disease Control Priorities, 3rd Edition**, Department of Global Health, University of Washington.
6. Genna, Gaspare and Mayer-Foulkes, David, Editors (2015). North American Integration: An Institutional Void in Migration, Security and Development, Paperback, **Routledge**.

7. Mayer-Foulkes, D. (2015). "The Challenge of Market Power under Globalization," *Review of Development Economics*, Vol 19 (2) 244-264.
8. Genna, Gaspare and Mayer-Foulkes, David, Editors (2013). North American Integration: An Institutional Void in Migration, Security and Development, *Routledge*.
9. Mayer-Foulkes, D. and García-Barrios, R. (2013). "Democracy and Development for Mexico," in Genna, Gaspare and Mayer-Foulkes, David, Editors, North American Integration: An Institutional Void in Migration, Security and Development, *Routledge*.
10. Hafner, Kurt A and Mayer-Foulkes, D. (2013). "Fertility, Economic Growth, and Human Development," *Journal of Macroeconomics*, Vol 38, pp 107-120.
11. Mayer-Foulkes, D. (2013). "A Cross-Country Causal Panorama of Human Development and Sustainability," *Review of Development Economics*, Volume 17, Issue 2, pp. 235-251.
12. Mayer-Foulkes, D. (2012). "Divergences and Convergences in Human Development," *Indian Journal of Human Development*, Vol. 6, No. 2.
13. Mayer-Foulkes, D. and Pescetto-Villouta, Claudia (2012). "Economic Development and Non-Communicable Chronic Diseases," *Global Economy Journal*, Vol. 12: Iss. 4, 1-44.
14. Mayer-Foulkes, D. (2012). "Urban Design for Long-Term Development," *Spaces and Flows, An International Journal of Urban and ExtraUrban Studies*, Volume 1, Issue 4, pp.105-130.
15. Mayer-Foulkes, D. (2011). "A Survey of Macro Damages from Non-Communicable Chronic Diseases: Another Challenge for Global Governance." *Global Economy Journal*: Vol. 11: Iss. 1, 1-27.
16. Genna, G. and Mayer-Foulkes, D. (2011). Invited Editors of *Beyond Borders: Migration, Security and Cooperation in North America*, special number of *Politics & Policy*, Volume 39, No. 1 (Feb).
17. Genna, G. and Mayer-Foulkes, D. (2011). "Introduction to the Special Issue: Beyond Borders: Migration, Security and Cooperation in North America," *Politics & Policy*, Volume 39, No. 1 (Feb): 5-9.
18. Mayer-Foulkes, D. (2010). "Globalization and the Human Development Trap", in *The Poor under Globalization in Africa, Asia, and Latin America*, Machiko Nissanke and Erik Thorbecke, Eds., *UNU-WIDER, Oxford University Press*.
19. Mayer-Foulkes, D. (2010) "Divergences and Convergences in Human Development," UNDP-HDRO Occasional Papers No. 2010/20. Available at SSRN: <http://ssrn.com/abstract=2351512>
20. Mayer-Foulkes, D. (2010). "Democratic economics and improved governance: Development policies for the G20" in Fues, Thomas & Wolff, Peter (Editors), *G20 and Global Development: How can the new summit architecture promote pro-poor growth and sustainability?* Available at: [http://www.die-gdi.de/CMSHomepage/openwebcms3.nsf/\(ynDK_contentByKey\)/ANES-8A5CS9/\\$FILE/E-Publication_G20.pdf](http://www.die-gdi.de/CMSHomepage/openwebcms3.nsf/(ynDK_contentByKey)/ANES-8A5CS9/$FILE/E-Publication_G20.pdf) and at <http://papers.ssrn.com/abstract=1688530>, and at <http://ssrn.com/abstract=1688530>.
21. Mayer-Foulkes, D. (2010). "Economic Challenges for Global Governance," in *Power Shifts and Global Governance: Challenges from South and North*, edited by Ashwani Kumar and Dirk Messner, *Anthem Press*, UK.
22. Mayer-Foulkes, D. (2009). "Long-Term Fundamentals of the 2008 Economic Crisis," *Global Economy Journal*: Vol. 9: Iss. 4, <http://www.bepress.com/gej/vol9/iss4/6/?sending=10919>.
23. Mayer-Foulkes, D. and Nunnenkamp, P. (2009). "Do Multinational Enterprises Contribute to Convergence or Divergence? A Disaggregated Analysis of US FDI", *Review of Development Economics*, 13(2), 304-318.
24. Mayer-Foulkes, D. (2008). "Towards Equal Rather Than Polarized Globalization," *South Bulletin, Reflections and Foresights*, Issue 19, July 16th, Geneva, Switzerland.
25. Mayer-Foulkes, D. (2008). "The Human Development Trap in Mexico". *World Development*, Vol 36(5), 775-796.

26. Mayer-Foulkes, D. (2008). "Market Failures in Human Development: The Intergenerational Poverty Trap in Mexico". In *Economic Reform in Developing Countries. Reach, Range, Reason*, edited by José María Fanelli and Lyn Squire, GDN Series, **Edward Elgar**: Cheltenham, UK, pp. 77-113.
27. Jensen, Bjarne S. and Mayer-Foulkes, D. (2007). Guest editors for Special Section: Dynamics, Economic Growth, and International Trade, **Review of Development Economics** Volume 11, Issue 4, November.
28. Mayer-Foulkes, D. and Larrea, Carlos (2007). "Racial and Ethnic Health Inequities: Bolivia, Brazil, Guatemala, Peru", in *Racial and Ethnic Disparities in Health in Latin America and the Caribbean*, edited by Antonio Giuffrida, **Inter American Development Bank**, Social Protection And Health Division, Country Department, Andean Group.
29. Mayer-Foulkes, D. (2007). "Global Divergence", in Severov, Gleb, *International Finance and Monetary Policy*, **Nova Science Publishers**.
30. Mexican Commission on Macroeconomics and Health (2006). "Macroeconomía y Salud: Invertir en salud para el desarrollo económico." **Fondo de Cultura Económica**. (Member of the Commission). See <http://www.salud.gob.mx/unidades/cdi/documentos/DOCSAL7830.pdf>.
31. Aghion, P.; Howitt, P.; and Mayer-Foulkes, D. (2005). "The Effect of Financial Development on Convergence: Theory and Evidence", **Quarterly Journal of Economics**, 120(1) February.
32. Howitt, P. and Mayer-Foulkes, D. (2005). "R&D, Implementation and Stagnation: A Schumpeterian Theory of Convergence Clubs", **Journal of Money, Credit and Banking**, 37(1) February.
33. Mayer-Foulkes, D. (2005). "Human Development Traps and Economic Growth", in *Health and Economic Growth: Findings and Policy Implications*, edited by Guillem López-Casasnovas, Berta Rivera and Luis Currais, **MIT Press**.
34. Mayer-Foulkes, D. (2003). "Convergence Clubs in Cross-Country Life Expectancy Dynamics", in *Perspectives on Growth and Poverty*, Rolph van der Hoeven and Antony Shorrocks (editors), **United Nations University Press**, 144-171.
35. Mayer-Foulkes, D. (2002). "On the Dynamics of Quality Student Enrollment at Institutions of Higher Education", **Economics of Education Review**, 21, 481-489.
36. Mayer-Foulkes, D. (2002). "Homogenized Integral U-Statistics for Tests of Non-Linearity", revise and resubmit at **Econometric Reviews**.
37. Mayer-Foulkes, D. (2001). "The Long-Term Impact of Health on Economic Growth in Latin America", **World Development**, 29(6), 1025-1033.
38. Mayer-Foulkes, D. (2001). "The Long-Term Impact of Health on Economic Growth in Mexico, 1950-1995", **Journal of International Development**, 13(1), 123-126.
39. Mayer, D.; Mora, H.; Cermeño, R.; Barona, A.B.; and Duryea, S. (2001). "Health, Growth, and Income Distribution in Latin America and the Caribbean: A Study of Determinants and Regional and Local Behavior", in *Investment in Health, Social and Economic Returns*, **Pan American Health Organization Scientific and Technical Publication** No. 582.
40. Mayer-Foulkes, D. (2000). "A generalized fast algorithm for BDS-type Statistics", **Studies in Nonlinear Dynamics and Econometrics**, Volume 4(1) April, 45-50.
41. Mayer-Foulkes, D. (1995). "A Statistical Correlation Dimension" **Journal of Empirical Finance**, 2, 277-293.

Economics– Spanish

42. Mayer-Foulkes, D. (2013). "The Cognitive Transition in Mexico: Economic Geography and Local Governance Impacts," **Panorama Económico**, Vol VIII, num 16, Enero-Junio, pp. 7-27.

43. Mayer-Foulkes, D. and Alf rez-Esper n, D. (2011) “Desigualdad de Oportunidades en M xico: Impacto sobre el Consumo y sobre las Habilidades Cognitivas”, *Panorama Econ mico* VI 12 enero-junio.
44. Mayer-Foulkes, D. (2010). “Innovaci n y Desarrollo”, in Bazdresch Parada, Carlos and Meza Gonz lez, Liliana, *La tecnolog a y la innovaci n como motores del crecimiento de M xico*, **Fondo de Cultura Econ mica**.
45. Mayer Foulkes, D. (2010). “Ecolog a Econ mica de la Capacidad Cognitiva”, *La Ecolog a Social de la Pobreza I: Impactos Psicosociales, Desaf os Multidisciplinarios*, Mar a Montero and David Mayer (Editors) **UNAM**, Mexico.
46. Montero, M. and Mayer, D. (Eds.) (2010). *La Ecolog a Social de la Pobreza I: Impactos Psicosociales, Desaf os Multidisciplinarios*, **UNAM**, Mexico.
47. Cerme o, R., Mayer Foulkes, D. and Mart nez, A. (2009). “Convergencia, Divergencia y Estratificaci n: Estudio Comparativo de la Din mica de Crecimiento de la Manufactura en los Municipios Mexicanos y los Condados Norteamericanos”. *Trimestre Econ mico*, 302 (April-June), vol. LXXVI (2)
48. Mayer-Foulkes, D. and Serv n-Mori, E. (2009). “Formaci n de la Capacidad Cognitiva en M xico: Impactos Econ micos y de Pol ticas P blicas,” *Estudios Econ micos*, N mero Extraordinario, February, pp. 83-122.
49. Mayer Foulkes, D., L pez Olivo, M. F. and Serv n Mori, E. (2008). “Habilidades cognitivas: transmisi n intergeneracional por niveles socioecon micos”, *Estudios Econ micos*, 23(1), 129-156. Available at http://revistas.colmex.mx/revistas/12/art_12_1178_8992.pdf.
50. Mayer Foulkes, D. and Le Thi, M. L. (2008). “El uso de las transferencias privadas inter-vivos por los hogares: el caso de M xico”, *Estudios Demogr ficos y Urbanos*, vol. 23, n m. 2 (68), 233-269.
51. Mayer Foulkes, D. and Salazar Altamirano, S. A. (2008). “Infraestructura Bancaria Local y Producci n Manufacturera en Municipios Mexicanos y Condados Norteamericanos”, *Equilibrio Econ mico* Year VIII, 3(1) first semester, 5-26.
52. Mayer-Foulkes, D. (2007). “Fallas de mercado en capital humano: La trampa intergeneracional de pobreza en M xico”. *Trimestre Econ mico*, num. 295, vol. LXXIV (3): 543-614.
53. Mayer Foulkes, D. (2007). “Subdesarrollo y Globalizaci n”, *Ensayos Revista de Econom a*, XXVI(1) May, 155-192.
54. Bazdresch Parada, C. and Mayer Foulkes, D. (2007). “Hacia un consenso para el crecimiento econ mico de M xico: puntos m nimos para una estrategia coherente de desarrollo”, *Gaceta de Econom a*, ITAM, 13 (22) Spring.
55. Bazdresch, C. and Mayer-Foulkes, D. (2006). “Hacia un consenso para el crecimiento econ mico de M xico”, *Econom a UNAM*, 8, May-August.
56. Mayer-Foulkes, D. (2006). “Din mica Geogr fica de Productividad e Innovaci n en la Manufactura Mexicana”, for CIDECYT. *Panorama Econ mico*, II(3) July-December, 7-39.
57. Mayer-Foulkes, D. (2005). “Desarrollo y subdesarrollo en la globalizaci n”, in *Desarrollo regional y competitividad*. Memorias 2005 Ibergop-M xico, IBERGOP, CIDE, Editorial Porr a, M xico.
58. Mayer-Foulkes, D. (2005). “Educaci n, Salud y la Trampa de Pobreza en M xico”, chapter for the book *Sustentabilidad y desarrollo. Suficiente siempre.*, edited by Lilly Wolfensberger Scherz, editorial **Miguel  ngel Porr a**, Mexico City.
59. Mayer-Foulkes, D. (2004). “Comentarios bibliogr ficos: Jaime Ros, La teor a del desarrollo y la econom a del crecimiento”, Mexico, Fondo de Cultura Econ mica, *Trimestre Econ mico*, LXXI(2):282 April-June, 485-492.
60. Mayer-Foulkes, D. (2003). “Salud, Crecimiento Econ mico y Trampas de Pobreza”, chapter in Onofre Mu oz, Luis Dur n, Juan Gardu o and Herm n Soto (Eds.) *Econom a de la Salud: Temas*

Selectos, **Instituto Mexicano del Seguro Social** and **Centro Interamericano de Seguridad Social**.

61. Mayer-Foulkes, D. (2002). "El Efecto Recíproco a Largo Plazo entre Salud e Ingreso: México 1950-1995", *Trimestre Económico*, LXIX(2):274 April-June, 251-278.
62. Mayer-Foulkes, D. and Cordourier, G. (2001). "La Brecha Salarial y la Teoría de Igualdad de Oportunidades: Un Estudio de Género para el Caso Mexicano" (The Salary Gap and the Theory of Equality of Opportunities: A Gender Study for Mexico) *Trimestre Económico*, LXVIII(1):269 January-March.
63. Mayer-Foulkes, D. (1997). "Sectoral Public Power and Endogenous Growth", *economía mexicana* NUEVA ÉPOCA, VI(1).
64. Mayer, D., and Feliz, R. (1996). "Nonlinear Dynamics in the Stock Exchange", *Revista de Análisis Económico*, 11(1) June, 3-21.

Mathematics

65. Bracho, J.; Mayer-Foulkes, D.; Fetter, H.; and Montejano, L. (1995). "Immobilization of Mondrigha quadratic forms", *J. London Math Soc. Second series*, February, Vol. 51, 189-200.
66. Mayer-Foulkes, D. (1997). "Immobilization of smooth convex figures: some extensions", *Journal of Geometry*, 60: 105. doi:10.1007/BF01252221
67. Mayer-Foulkes, D. (1994). "A characteristic polynomial factorization: extending some matrix eigenvalue estimates", *Aportaciones Matemáticas, Serie Comunicaciones*, 14, 297-301.
68. Mayer-Foulkes, D. (1998). "An Extension of Rubinstein's Negotiation Game", *Aportaciones Matemáticas, Serie Comunicaciones*, No. 22.
69. Mayer-Foulkes, D. (1994). "An Alternative Correlation Dimension Statistic", *Aportaciones Matemáticas, Serie Comunicaciones*, 14, 303-311.

Other

70. Spinelli, G. and Mayer-Foulkes, D. (2008). "New method to study DNA sequences: the languages of evolution", *Nonlinear Dynamics, Psychology, & Life Sciences*, Vol. 12, No. 2. (April), pp. 133-151.
71. Garcia-Barrios, L.; Mayer-Foulkes, D.; Franco, M.; Urquijo, G.; and Perez, J. (2001). "Development and Validation of a Spatially Explicit Individual-Based Mixed Crop Model", *Bulletin of Mathematical Biology*, 63, 507-526.
72. Hirshfeld, J.; de Regil, M.; Mayer-Foulkes, D.; Sarfati, D.; and Banzinni, V. (1996). "Topical Citrex in the treatment of pseudomona keratitis in a rabbit model", *Investigative Ophthalmology and Visual Science*, Vol 37, 3, ARVO.

RESEARCH IN PROGRESS

- Mayer-Foulkes, D. "Growth of Firms and Migration in Mexico: Twin Processes," machine learning application.
- Mayer-Foulkes, D. *Development and Underdevelopment under Globalization*, textbook.
- Mayer-Foulkes, D. *Desarrollo, Subdesarrollo y Globalización*, textbook in Spanish.
- Mayer-Foulkes, D. "Macroeconomic Impact of Non Communicable Chronic Diseases in Latin America and the Caribbean."
- Mayer-Foulkes and Kurt Hafner, "The Market Economy with Mass Production."

INVITED PRESENTATIONS

- 2017 Invited Participant at Working Meeting on Global Poverty Alleviation, WORLD Policy Analysis Center, UCLA, 22nd to 24th March.

- 2015 “Economic Growth and Inequality in the Mass Market Economy,” International Workshop on Macroeconomics and Growth, SKEMA Business School, OFCE/Sciences-Po, and Poole School of Management, North Carolina State University, Sophia Antipolis, France, June 11-13, con Kurt Hafner.
- 2014 “Macroeconomics and development dimensions of NCDs,” for the Workshop on the publication of DCP3 series “Economic aspects of NCDs in the Americas”, PAHO, Washington, Sept 2 and 3.
- 2014 “Mass production and competition” *CIDE seminar*, August 21
- 2014 “Advancing a Culture of Health: Multi-Sectoral Collaboration: Moving all Sectors of a Community Toward Policies and Programs that Work,” *UCLA Blum Center’s Second Annual Spring Conference*. May 6th and 7th.
- 2013 “Regulating Self-Interest Under Globalization: Balancing Institutions And Market Power,” *DEGIT XVIII*, Lima, Peru, September 26-27.
- 2013 Economic Dimensions Of Noncommunicable Diseases In Latin America and the Caribbean, Technical Workshop, Region – Disease Control Priorities Project (Dcp3), *PAHO*, Washington, June 24th – 25th, 2013.
- 2013 “Regulating Self-Interest Under Globalization: Balancing Institutions And Market Power,” Conference in honor of Peter Howitt, *Brown University*, May 9-10.
- 2012 “Economic and development dimensions of NCDs,” at the Senior Policy Seminar on “The Universal Health Coverage Agenda in the Caribbean: Challenges and Options,” organized by the Pan American Health Organization, Barbados, October 22 – 23.
- 2012 “Vulnerable Markets,” *Brown University Economics Department* Theory Lunch, 6th September.
- 2012 “FDI, Polarized Globalization, and the Current Crisis,” Economic Growth Workshop 2012, 14th and 15th June, Sophia Antipolis, France, organized by *Poole College of Management* (NC State), and *SKEMA Business School*, Sophia Antipolis.
- 2012 “Democracy and Development for Mexico,” David Mayer and Raúl Garcia Barrios, Access, Boundaries, and Cooperation: the ABCs of North American Security, Feb 24, 2012, *Florida International University*, Miami, Florida.
- 2011 “Determinantes Causales del Desarrollo Humano y Económico de Largo Plazo” Seminario Permanente de la Línea de Investigación por Misión (LIM) sobre Evaluación de Programas y Políticas de Salud, *Instituto Nacional de Salud Pública*, Cuernavaca, November 23.
- 2011 “Macro damages from NCDs: another challenge for global governance.” Workshop on Economics of Prevention of Non-communicable Diseases and Risk Factors, *Pan American Health Organization*, November 14 and 15, Mexico City.
- 2010 “Divergences and Convergences in HDI components,” Inaugural Plenary Session, Tercera Semana sobre Crecimiento, Comercio y Desarrollo, *Escuela Superior de Economía del Instituto Politécnico Nacional*, August 30.
- 2010 “Poverty Working Group Impetus Note,” Managing Global Governance, *INWENT and DIE*, Bonn, April 13 - 16.
- 2010 “Divergences and Convergences in HDI components,” for Human Development Report 2010, *UNDP*, Brown University, April 21.
- 2010 “Divergences and Convergences in HDI components,” for Human Development Report 2010, *UNDP*, Colegio de Mexico, March 17.
- 2009 “Macroeconomic Impact of Non-Communicable Chronic Diseases in the Americas: A Literature Review,” with Jacklyn Hirshfeld-Bejar, Regional Workshop on The

- Economic, Fiscal and Welfare Implications of Chronic Diseases in the Americas, **Pan-American Health Organization**, Washington, Nov 23-24.
- 2009 Reviewer of presentations at the seminar “El análisis del capital social en México desde una perspectiva económica,” **ITAM**, Mexico, Nov 20-21.
- 2009 “Long-Term Fundamentals of the 2008 Economic Crisis,” Labor and Population Brown Bag Seminar, **Rand Corporation**, Santa Monica, California, September 18th.
- 2009 “Long-Term Fundamentals of the 2008 Economic Crisis,” School of Economics of the **Shanghai University of Finance and Economics**, China, August 29.
- 2009 “Long-Term Fundamentals of the 2008 Economic Crisis,” Research Institute of Economics and Management at the **Southwestern University of Finance and Economics**, Chengdu, China, August 10.
- 2009 “Long-Term Fundamentals of the 2008 Economic Crisis,” **DEGIT XIV** Conference, UCLA, June 5-6.
- 2009 “Development and Underdevelopment: 1500 – 2000,” **Latin American Economies: History and Globalization**, **UCLA**, April 24-25.
- 2009 “Long-Term Fundamentals of the 2008 Economic Crisis,” Economics Department, **University of Southern California**, April 7.
- 2008 “Early Child Development Inequities in Bolivia, Brazil, Guatemala and Peru: Local versus individual concentration index decomposition”, Second Meeting of the LAC Regional Report on Inequality in Human Development: The Intergenerational Transmission of Inequality, **UNDP**, August 19th, New York.
- 2008 “Mexico, the Human Development Trap, and Globalization.” Panel on Globalization, UC-MEXUS. Organized by Dr. Chris Chase-Dunn. **Department of Sociology, Riverside**, June 3.
- 2008 “Economic Challenges for Global Governance”, presented at The Challenges of Global Governance, **Managing Global Governance**, Workshop organized by InWEnt and DIE, April 16-18, Bonn, Germany.
- 2008 “The Impact of Free Trade and FDI: Banana Republic or Miracle Growth?”, Seminar at the School of Economics at **Georgia Tech**, March 9th.
- 2008 “Determinants of health inequality in LAC countries”, at Regional Bureau-LAC, **UNDP research conference: Intra- and Inter-Generational Transmission of Inequality, El Colegio de México**, February 28-29.
- 2007 “Desarrollo y Subdesarrollo: 1500 – 2000”, seminar at **División de Historia, CIDE**, June 19.
- 2007 “On Health, Human Development Potential and the Quality of Life: Towards Biological-Based Indexes of Human Development Potential for Assessing the Quality of Life”, organized by the **Pan American Health Organization** and the **Inter-American Development Bank**, May 25, Inter-American Development Bank, Washington, D.C.
- 2007 “The Impact of Free Trade and FDI: Banana Republic or Miracle Growth?”, **Segundo Coloquio de Economía Sobre México, Universidad de las Américas**, Puebla, April 19-20.
- 2006 “The Impact of Free Trade and FDI: Banana Republic or Miracle Growth?”, seminar presented at **División de Economía, CIDE**, November 15.
- 2006 “Externalidades Sociales, Desarrollo Económico y Acumulación de Capacidad Cognitiva,” with Edson Enrique Serván Mori. **1er. Foro Internacional sobre la Ecología Social de la Pobreza: Impactos Psicosociales, Desafíos Multidisciplinarios. UNAM**, Mexico, October 9-10.

- 2006 “Human Development and Economic Growth,” **UNU-WIDER Project Conference** on “The Impact of Globalization on the Poor in Latin America,” Rio de Janeiro, Brazil, September 23-24.
- 2006 “Development and Underdevelopment: 1500 – 2000”. Plenary presentation at **Dynamics, Economic Growth, and International Trade, DEGIT XI** conference, Jerusalem, June 25-27.
- 2005 “EBA, free trade and economic development”, ‘**Everything But Arms?: All About Nothing? EU trade politics and developing countries, Jean Monnet European Centre of Excellence** of Ghent University, Ghent, Belgium, December 5-6.
- 2005 Lustig, N.; Mayer Foulkes, D.; López Calva, L. F.; Gónzales Pier, E.; Noriega, C.; and De la Calle, L. “Health and Economics in México”, **LACEA 10th Annual Meeting**, Paris, October 27-29.
- 2005 “Desarrollo y Subdesarrollo en la Globalización”, in the Seminar: **Desarrollo Regional y Competitividad, CIDE**, September 5-6, Mexico City.
- 2005 Mayer-Foulkes, D. and Nunnenkamp, P. (2005). “Do Multinational Enterprises Contribute to Convergence or Divergence? A Disaggregated Analysis of US FDI”, R&D and Innovation in the Development Process: A New Look at Theory, Evidence and Policies, **Office of the Chief Economist for Latin America, World Bank**, and **Centre de Recerca en Economia Internacional, Universitat Pompeu Fabra**, Barcelona, Spain, June 9-11.
- 2005 “Development and Underdevelopment in the Globalizing Economy”, **DEGIT X** (Dynamics, Economic Growth and International Trade), CIDE, Mexico City, June 3-4 (plenum session).
- 2005 “Racial and Ethnic Inequalities: Bolivia, Brazil, Guatemala and Peru”, Racial and Ethnic Disparities in Health in Latin America and the Caribbean, The Social Programs Division 3, Regional Operations Department III and The Social Inclusion Trust Fund, **Inter-American Development Bank**, Washington, D.C., April 15.
- 2005 Mayer-Foulkes, D.; Heredia Pi, I. B.; Burgos, L.; and Bertozzi, S. (2005). “Evaluando la eficiencia en la prevención de ETS en México”, XI Congreso de Investigación en Salud Pública, **Instituto Nacional de Salud Pública (INSP)**, Cuernavaca, Morelos, March 2-4.
- 2004 “The Human Development Trap in Mexico”, in “Country-level responses to the Commission on Macroeconomics and Health: the case of Mexico; Commission on Macroeconomics and Health, Mexico”, **Global Forum for Health Research, Forum 8**, Mexico City, November 16-20.
- 2004 “The Human Development Trap in Mexico”, VII Meeting of the **LACEA / IADB / WB Research Network on Inequality and Poverty**, San Jose, Costa Rica, November 3.
- 2004 Consultant in Expert Meeting on Nutrition, Human Development, and Poverty, **Pan American Health Organization**, Washington, October 14-15.
- 2004 “La Trampa de Desarrollo Humano en México”, Seminario de Sustentabilidad, Academia Nacional de la Mujer, Sociedad Mexicana de Geografía y Estadística; June 1st, Biblioteca de la mujer de ciencia, **CIECAS, IPN**.
- 2004 “Market Failures in Health and Education Investment for Mexico's Youth 2000”, Awards finalist at the **Fifth Annual Global Development Conference**, New Delhi, India, January 28-30.
- 2004 “The Effect of Financial Development on Convergence: Theory and Evidence”, Economics Seminar of the **Colegio de México**, Mexico City, January 15th.

- 2003 “Understanding Economic Growth and Development: A Review of *Development Theory and Economic Growth* by Jaime Ros”, **8th Annual Meeting of LACEA**, Puebla, Mexico, October 9-11.
- 2003 “Human Development Traps and Economic Growth”, Development Seminar, **Earth Institute, University of Columbia**, September 8th.
- 2003 “Market Failures in Health and Education Investment for Mexico’s Youth 2000”, XXI Latin American Meeting of the **Econometric Society**, Panama, August 28-31.
- 2003 “Market Failures in Health and Education Investment for Mexico’s Youth 2000”; Health, Human Capital, Economic Growth & Poverty Project, Workshop on Case Studies, **Pan American Health Organization**, Washington, June 5-6.
- 2003 “Global Divergence”, **Brown University Macroeconomics Seminar**, April 9.
- 2003 “Global Divergence”, **Global Development Awards finalist at the Fourth Annual Global Development Conference**, Cairo, January 19-21, obtaining Silver Medal.
- 2002 “R&D, Implementation and Stagnation: A Schumpeterian Theory of Convergence Clubs”, New Perspectives on East Asia’s Development Miracle, Kiel Workshop in Cooperation with Copenhagen Business School at the **Kiel Institute for World Economics**, Kiel University, November 25th.
- 2002 “Global Divergence”, Seminar of the **Kiel Institute for World Economics**, Kiel University, Kiel University, October 15th.
- 2002 “R&D, Implementation and Stagnation: A Schumpeterian Theory of Convergence Clubs”, presented at the session on Natural Resources and Growth, organized by William Maloney from the World Bank, **Seventh Annual Meeting of the Latin American and Caribbean Economic Association**, Madrid, October 11-13.
- 2002 “Health, Economic Growth, and Poverty Traps”, presented at the Seminar on Health, Human Capital and Economic Growth: Theory, Evidence and Policies, **Pan American Health Organization**, Washington, October 3-4.
- 2002 “Salud, Crecimiento y Trampas de Pobreza”, Seminario Internacional de Economía de la Salud, **Centro Interamericano de Estudios de Seguridad Social**, Mexico City, June 20-21.
- 2001 “Technological Innovation, Implementation and Stagnation: Convergence Clubs in the Open World Economy”, David Mayer-Foulkes and Peter Howitt, **NBER Summer Institute**, Economic Fluctuations and Growth Working Group on Income Distribution and Macroeconomics, Cambridge, July 23rd-27th.
- 2001 “Environment, Health and Economic Growth”, at the June 25th Poverty, Health: Distributional Effects of Economic Growth seminar, by the Sustainable Development Division of the **Inter-American Development Bank**.
- 2000 “Investing in Health and Economic Growth”, November 15th, 7th Canadian Conference on International Health, Hull, Quebec, November 12th-15th, together with Bill Savedoff, **Inter-American Development Bank**.
- 2000 Consultant in working session to advise director of PAHO on future research and cooperation activities on Health and Economic Growth, **Pan American Health Organization**, Washington, October 9.
- 2000 “On the Role of Health in the Economic and Demographic Dynamics of Brazil, 1980-1995”, Population dynamics and the macro economy, Seminar Organized by the Institute for Futures Studies, Stockholm, Sweden, held at the **Harvard Center for Population and Development Studies**, Sept. 11-12.
- 1999 “Salud, Crecimiento y Distribución en Latinoamérica y el Caribe. Resultados de la investigación”, Impact of Investment in Health on Economic Growth, Household

- Productivity and Poverty Reduction Meeting, *Pan American Health Organization*, Washington, October 5-6.
- 1999 “Salud, Crecimiento y Distribución en Latinoamérica y el Caribe. Resultados de la investigación”, Meeting of the Advisory Committee on Health Research of the *Pan American Health Organization*, Washington, July 12-14.

CONFERENCE PRESENTATIONS

- 2016 “*The Innovation-Absorption Dichotomy, Distribution, and Efficiency*,” **XLIX** Congreso de la Sociedad Matemática Mexicana, Aguascalientes - 23-28 October.
- 2016 “*The Innovation-Absorption Dichotomy, Distribution, and Efficiency*,” **DEGIT XXI** Conference, Nottingham - 1-2 September
- 2016 “*The Innovation-Absorption Dichotomy, Distribution, and Efficiency*,” Centro de Investigación en Ciencias Económicas, UAEM, 24 de August.
- 2015 “Economic Growth and Inequality in the Mass Market Economy,” **DEGIT XX Conference**, “Dynamics, Economic Growth and International Trade”, Geneva, Switzerland, September 3-4, con Kurt Hafner.
- 2015 “Innovation, Diffusion and Distribution in Developed and Underdeveloped Industrial Market Economies,” **Sobre México, 2do Congreso Anual de Economía y de Políticas Públicas**, Universidad Iberoamericana, México, abril 16.
- 2012 “Globalization, Economic Growth, and the Current Crisis,” **Dynamics, Economic Growth, and International Trade, DEGIT-XVII**, Milan, Italy, September 13-14.
- 2012 “Fertility, Economic Growth, And Human Development,” **Dynamics, Economic Growth, and International Trade, DEGIT-XVII**, Milan, Italy, September 13-14.
- 2011 “Vulnerable Markets,” **Dynamics, Economic Growth, and International Trade, DEGIT-XVI**, St. Petersburg, Russia, September 8-9.
- 2011 “A Causal Panorama of Cross-Country Human Development,” **Dynamics, Economic Growth, and International Trade, DEGIT-XVI**, St. Petersburg, Russia, September 8-9.
- 2011 “Evaluación Económica de los tratamientos farmacológicos de la cesación tabáquica en México,” Ileana Beatriz Heredia Pi, Atanacio Valencia Mendoza, Stefano Bertozzi, Arantxa Colchero Aragonés, David Mayer Foulkes y Justino Regalado Pineda, 14 Congreso de Investigación en Salud Pública, Cuernavaca, March.
- 2009 “Long-Term Fundamentals of the 2008 Economic Crisis,” **68th International Atlantic Economic Conference**, Boston, October 8-11.
- 2009 “Long-Term Fundamentals of the 2008 Economic Crisis,” at “Crecimiento, Comercio y Desarrollo Económico: Teoría y Evidencia,” **Escuela Superior de Economía, Instituto Politécnico Nacional**, September 7 and 8, Mexico.
- 2006 Spinelli, G. and Mayer-Foulkes, D. “A new method to study DNA sequences: The languages of evolution” **2nd International Nonlinear Sciences Conference**, Heraklion, Crete, Greece.
- 2006 Nunnenkamp, P. and Mayer-Foulkes, D. “Do Multinational Enterprises Contribute to Convergence or Divergence? A Disaggregated Analysis of US FDI”, presented at: a) **Scottish Economic Association Annual Conference**, Perth, Australia, April; b) **Danish International Economics Workshop**, Aarhus, Denmark, May; c) **4th INFINITI Conference on International Financial Integration**. Institute for International Integration Studies, Trinity College, Dublin, June 12-13; d) **International Conference on Business and Economics**, Cambridge University, July; e) **21st Meeting of the European Economic Association**, Vienna, August 24-

- 28; f) *Verein fuer Socialpolitik*, German Economic Ass., Bayreuth, Germany, September.
- 2005 Nunnenkamp, P. and Mayer-Foulkes, D. "Do Multinational Enterprises Contribute to Convergence or Divergence? A Disaggregated Analysis of US FDI", *Pan-Hellenic Conference on Political Economy*, Greece, Sept.
- 2005 Nunnenkamp, P. and Mayer-Foulkes, D. (2005). "The Impact of US Foreign Direct Investment on Convergence and non-Convergence", *Dynamics, Economic Growth and International Trade (DEGIT X)*, CIDE, Mexico City, June 3-4.
- 2004 "The Human Development Trap in Mexico", Global Forum for Health Research, Forum 8, Mexico City, November 16-20.
- 2004 Aghion, P.; Howitt, P.; and Mayer-Foulkes, D. (2003). "The Effect of Financial Development on Convergence: Theory and Evidence", *Economic Growth and Distribution: on the Nature and Causes of the Wealth of Nations*, Lucca, Italy, June 16-18.
- 2004 Aghion, P.; Howitt, P.; and Mayer-Foulkes, D. (2003). "The Effect of Financial Development on Convergence: Theory and Evidence", *Dynamics, Economic Growth and International Trade (DEGIT IX)*, Reykjavik, Iceland, June 11-12.
- 2004 Howitt, P. and Mayer-Foulkes, D. "R&D, Implementation and Stagnation: A Schumpeterian Theory of Convergence Clubs", *75 Years of Development Research*, International Colloquium at Cornell University, Ithaca, N.Y., May 7-9.
- 2003 "Market Failures in Health and Education Investment for Mexico's Youth 2000", *8th Annual Meeting of LACEA*, Puebla, Mexico, October 9-11.
- 2003 "Diferencias Regionales en México, 1970-2000", with Edith Calvario, *8th Annual Meeting of LACEA*, Puebla, Mexico, October 9-11.
- 2003 Aghion, P.; Howitt, P.; and Mayer-Foulkes, D. "The role of credit constraints in (non) convergence: A Schumpeterian approach", *Income Distribution and Macroeconomics, NBER Summer Institute*, July 21-25.
- 2003 "Human Development and Economic Growth: From Stagnation to Stratified and Transitional Growth", *Dynamics, Economic Growth and International Trade (DEGIT VIII)*, Helsinki, Finland, May 30-31.
- 2003 "Global Divergence", *WIDER Conference on Inequality, Poverty and Human Well-being*, Helsinki, Finland, May 30-31.
- 2003 Howitt, P. and Mayer-Foulkes, D. "R&D, Implementation and Stagnation: A Schumpeterian Theory of Convergence Clubs", *From Stagnation to Growth*, Rorschach (Switzerland), May 2-4.
- 2002 "Convergence Clubs in Cross-Country Life Expectancy Dynamics", *4th Conference on Health Economics*, French Health Economists Association, Paris, July 7-10.
- 2002 "Global Divergence", *77th Annual Conference of the Western Economic Association*, Seattle, June 29-July 3rd.
- 2002 "Scale, Technological Change and Human Capital: Manufacturing and Development in Mexico", with Andrew Foster, *77th Annual Conference of the Western Economic Association*, Seattle, June 29-July 3rd.
- 2002 "Liberalization, Knowledge, and Technology: Lessons from Veterinary Pharmaceuticals and Poultry in Mexico", *77th Annual Conference of the Western Economic Association*, Seattle, June 29-July 3rd.
- 2002 Galor, O. and Mayer-Foulkes, D. "Food for Thought: Basic Needs and Persistent Educational Inequality", *Allied Social Science Associations Annual Meeting*, Atlanta, January 4-6.

- 2001 “Technological Innovation, Implementation and Stagnation: Convergence Clubs in the Open World Economy”, *Zeuthen Workshop “Competition and Growth”*, University of Copenhagen, November 24-25.
- 2001 “On The Role of Health in the Economic and Demographic Dynamics of Brazil, 1980-1995”, *Third International Conference of the International Health Economics Association*, York, United Kingdom, July 22-25.
- 2001 “The cross-country distribution of life expectancy is twin-peaked” and “Life expectancy conditions the economic growth distribution”, *WIDER Development Conference: Growth and Poverty*, Helsinki, May 25-26.
- 2000 “A Generalized Fast Algorithm for BDS-type Statistics”, 10th Annual Meeting of the Society for Chaos Theory in Psychology and Life Sciences, Philadelphia Pennsylvania, July 20th-23rd.
- 2000 “Health, growth and income distribution in Latin America and the Caribbean. A study of determinants and regional local behavior”, *First Meeting on Poverty and Income Distribution, Torcuato Di Tella University*, Buenos Aires, Argentina, June 29-30.
- 1999 “The Optimal Intertemporal Allocation of Health, Saving, Asset Distribution and Growth”, *54th European Meeting of the Econometric Society*, Santiago de Compostela, Spain, August 29–September 1st.
- 1999 “The Impact of Human Capital Distribution on Growth and Debt: A theoretical analysis of the Latin American stylized facts”, *XVII Latinamerican Meeting of the Econometric Society*, Cancún, Mexico, August 2-6.
- 1998 “Integral U-Statistics for Nonlinear tests of Independence”, *Summer Meeting of the North American Econometric Society*, Montreal, Canada, June 25-28.
- 1997 “Productive and Non-productive Capital, Distribution and Growth”, *1997 meeting of the Latin American and Caribbean Economic Association*, Bogotá, Colombia, October 2-4.
- 1997 “Negotiation when the Size of the Pie Depends on How it is Cut”, *XXI Congreso Nacional de la Sociedad Matemática Mexicana*, Sept. 22-26.
- 1997 “Estadísticos U para Pruebas de Independencia No Lineales”, *12 Foro Nacional de Estadística*, Mexico, D.F., Sept. 22-26.
- 1997 “Negotiation when the Size of the Pie Depends on How it is Cut”, *XV Latin American meeting of the Econometric Society*, Santiago de Chile, August 10-12.
- 1997 “Sectoral Public Power and Endogenous Growth”, *1997 meeting of the Society for Economic Dynamics*, Oxford, Great Britain, July 7-10.
- 1996 Hirshfeld, J.; de Regil, M.; Mayer-Foulkes, D.; Sarfati, D.; and Banzinni, V. “Topical Citrex in the treatment of pseudomona keratitis in a rabbit model”, *Annual Meeting of the Association for Research in Vision and Ophthalmology*, Fort Lauderdale, Florida, April 21-26.
- 1996 García-Barrios, R.; Mayer-Foulkes, D.; Robles, H.; Rosette, K. D.; and De la Tejera, B. “Justicia y Eficiencia en las Relaciones Económicas: Reformas Institucionales en México y la Evolución de la Economía Rural”, Presentation at the *Seminary of the Center for U.S.-Mexican Studies*.
- 1995 “Sectoral Public Power and Endogenous Growth”, *V Coloquio Nacional de Economía Matemática y Econometría*, Mexico City.
- 1995 “Obedience to Authority: a mathematical model”, *XXVIII Congreso Nacional de la Sociedad Matemática Mexicana*, Colima.
- 1995 “Justice regimes and labor reciprocity in the firm”, *XXVIII Congreso Nacional de la Sociedad Matemática Mexicana*, Colima.

- 1995 “Mean radius of curvature prescribed on the Gauss map”, *XXVIII Congreso Nacional de la Sociedad Matemática Mexicana*, Colima.
- 1995 “Mean radius of curvature prescribed on the Gauss map”, *Second Joint Meeting of the American Mathematical Society and Mexican Mathematical Society*, Guanajuato.
- 1994 “On the immobilization problem for n dimensional bodies”, *International Congress of Mathematicians*, Zurich, Switzerland.
- 1993 “An Alternative Correlation Dimension Statistic”, *XII Encuentro Latinoamericano de la Sociedad Económetrica*, Tucumán, Argentina.
- 1993 “Un estadístico alternativo para la dimensión de correlación”, *XXVI Congreso Nacional de la Sociedad Matemática Mexicana*.
- 1993 “Una factorización del polinomio característico: extendiendo algunas estimativas de valores propios”, *XXVI Congreso Nacional de la Sociedad Matemática Mexicana*.
- 1991 “Dinámica no lineal en las Bolsas de Valores”, *Primera Reunión Nacional de Investigadores en Economía*, Puebla.

TEACHING EXPERIENCE

- Over twenty five years teaching experience at graduate, undergraduate and high school levels. I have taught seventeen courses in economic growth and development, as well as courses in public economics, macroeconomics, game theory, stochastic optimization, and health economics. I have also taught mathematics courses ranging from introductory to advanced levels both for economists and mathematicians. I originally designed the mathematics curricula for the Economics Division at CIDE and for the Centro de Matemáticas at the Universidad Autónoma de Zacatecas.
- Since 1998 I have directed 40 BA and MA thesis at CIDE. Seven of these have been published in journals.

EDUCATION

Data Science Certificate from Springboard.com.
 Ph. D. in Mathematics at the Faculty of Sciences of UNAM (fellowship for professors of excellence from CONACYT).
 Ph.D studies – University of California at Berkeley (Numerical Analysis, Differential Equations, Geometry; full scholarships, GPA 3.984/4).
 M.A. in Mathematics – Oxford University, Great Britain.
 B.A. in Mathematics – Oxford University, U.K. (Honours Scholarship, Double First)

CONTACT

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 Cellphones: 55 1682 1570 in Mexico and 310 734 9445 in the US.
 Web pages: <http://www.cide.edu/perfil/?IdInvestigador=25>. My work can also be found at repec.org, academia.edu, researchgate.net, and ssrn.com.