

CURRICULUM VITAE

Name: Maurice Schiff

Date of Birth: June 7, 1950

Citizenship: Belgian

Position: Lead Economist, Trade Unit, Development Economics Research Group (1988-2009), and Office of the Chief Economist, Latin America and Caribbean Region (2009-2010), World Bank.

- Lead the World Bank Research Program on International Migration & Development.

Education:

1. B.A., Economics, 1971, with honors, Hebrew University, Jerusalem.
2. M.A., Economics, 1973, with honors, Hebrew University, Jerusalem Fields: Monetary and International Economics.
3. M.A., Economics, 1976, with honors, University of Chicago.
4. Ph.D., Economics, 1982, University of Chicago. Fields: Public Finance, Trade and Agriculture.

Affiliations:

1. External Research Fellow, Centre for Research and Analysis of Migration (CReAM).
2. Research Fellow, Institute for the Study of Labor - IZA, Bonn.
3. Visiting Professor, University of Chile, Santiago.

Editorial Board:

1. International Economics

2. International Journal of Migration and Residential Mobility

PUBLICATIONS

I. BOOKS

A. International Migration

1. *International Migration, Remittances, and the Brain Drain*. October 2005 (2006 in ISBN). Palgrave MacMillan: New York (with Caglar Ozden, eds.).
2. *International Migration, Economic Development & Policy*. June 2007. Palgrave MacMillan: New York (with Caglar Ozden, eds.).
3. *The International Migration of Women*. November 2007 (2008 in ISBN). Palgrave MacMillan: New York (with Andrew Morrison and Mirja H. Sjoblom, eds.).
4. *A Symposium on International Migration and Development*. 2010. *World Bank Economic Review* (with Caglar Ozden and Hillel Rapoport, eds.).

B. Regional Integration

1. *Regional Integration and Development*. 2003. London: Oxford University Press (with L. Alan Winters), published in English, French, Spanish, Russian, Arabic and Chinese (The English version of the book was the top-selling academic publication of the World Bank in 2003).
2. *Trade Blocs: A World Bank Policy Research Report*. 2000. London: Oxford University Press (with Paul Collier, Anthony J. Venables and L. Alan Winters).
3. *Chile en el NAFTA: Acuerdos de Libre Comercio versus Liberalización Unilateral*. 1996 (February). San Francisco and Santiago: International Center for Economic Growth (with C. Sapelli, eds.).
4. *A Symposium on the Dynamics and Politics in Regional Integration Arrangements*. 1998 (May). *World Bank Economic Review* (with L. Alan Winters, eds.).
5. *A Symposium on Topics in the Economics of Integration*. 2003 (December). *Latin American Journal of Economics (Cuadernos de Economía)*.

C. Agriculture

1. *An Econometric Analysis of the World Wheat Market and Simulation of Alternative Policies. 1960-80*, USDA, ERS Staff Report, October 1985.
2. *The Political Economy of Agricultural Pricing Policy. Volume 4. A Synthesis of the Economics in Developing Countries*. 1992. Johns Hopkins University Press (with A. Valdés).
3. *The Political Economy of Agricultural Pricing Policy. Volume 1: Latin America*. 1991 (June). Johns Hopkins University Press (with A.O. Krueger and A. Valdés, eds.).
4. *The Political Economy of Agricultural Pricing Policy. Volume 2: Asia*. 1991 (June). Johns Hopkins University Press (with A.O. Krueger and A. Valdés, eds.).
5. *The Political Economy of Agricultural Pricing Policy. Volume 3: Africa and the Mediterranean*. 1991 (Fall). Johns Hopkins University Press (with A.O. Krueger and A. Valdés, eds.).
6. *La Economía Política de las Intervenciones de Precios Agrícolas en América Latina*. 1990 (July). Santiago, Chile: Alfabeta Impresores (with A.O. Krueger and A. Valdés).
7. *The Plundering of Agriculture in Developing Countries*. 1992. World Bank. Washington, D.C. (with A. Valdés).
- Published in French as *Le pillage de l'agriculture dans les pays en développement*. 1994.
8. *The Political Economy of Agricultural Price Intervention in Latin America*. 1992. International Center for Economic Growth, Santiago and San Francisco (with A.O. Krueger, A. Valdés and J. Quiroz).

II. ARTICLES

A. Trade and Regional Integration

1. “Interactive Dynamics between Natural and Man-made Assets: The Impact of External Shocks.” Forthcoming (Sept. 2013). *Journal of Development Economics*.
– Early version published as “Trade and Migration with Renewable Natural Resources: Out-of-Steady-State Dynamics” (May 2010) in World Bank Policy Research Working Paper and IZA Discussion Paper 4923 (with Ramon Lopez)
2. “North-South Technology Diffusion, Regional Integration, and the Dynamics of the “Natural Trading Partners” Hypothesis.” 2007. *Revue d'économie du développement* (with Yanling Wang) 2007/1: 67-85.
3. “Regional Trading Arrangements and Developing Countries.” 2005. In P.F.J. Macrory, A.E. Appleton and M.G. Plummer (eds.). *The World Trade Organization: Legal, Economic and Political Analysis. Volume II. Part III. Economic, Political, and Regional Issues*, pp. 325-340 (with L. Alan Winters).
4. “Economic Partnership Agreements between Sub-Saharan Africa and the EU: A Development Perspective.” 2004. *World Economy*. June (with L. Hinkle).
5. “Market Presence, Contestability, and the Terms-of-Trade Effects of Regional Integration.” 2003. *Journal of International Economics* 60 (1), May: 161-175 (with W. Chang).
6. “FTA, Customs Union or Unilateral Trade Policy? Final Status Options for the West Bank and Gaza.” March 2003. *Journal of Economic Integration* 18 (1).
– Complete version: “Trade Policy and Labor Services: Final Status Options for the West Bank and Gaza.” April 2002. World Bank Policy Research Working Paper 2824; and Feb. 2004. IZA Discussion Paper 1029 <<ftp://ftp.iza.org/dps/dp1029.pdf>>
7. “Chile’s Trade and Regional Integration Policy: An Assessment.” *World Economy*. June 2002.
– Complete version as Central Bank of Chile Working Paper 151. April 2002. Santiago.
8. “Regional Integration and Trade Policy in the Middle East and North Africa.” 2003 (Jan). Mimeo. DEC Research Group (International Trade Unit). World Bank (with B. Hoekman).
9. “Regional Cooperation and the Role of International Organizations and Regional Integration.” World Bank Policy Research Working Paper 2872, July 2002 (with L. Alan Winters).
10. “Regional Integration and Development: Implications from World Bank Research for ACP and Latin American Countries.” *The Journal of World Trade*. June 2002 (with L. Alan Winters).
– Abstracted in *CSA Worldwide Political Science Abstracts*.
11. “Regional Integration and Development in Small States.” In T.K. Bhaumik (ed.). *Doha Development Agenda: A Global View*. Penguin Books: London, August 2003.
– Also published as World Bank Policy Research Working Paper 2797. March 2002.
12. “Regional Trading Arrangements and the Developing Countries.” 2005. *The Kluwer Companion to the World Trade Organization* (with L. Alan Winters).
13. “Trade Policy Options for Argentina after the Crisis: Implications for Efficiency and Growth.” 2001 (August). Mimeo, DEC Research Group, World Bank.
14. “Regional Groupings among Microstates”. 2001. *Review of International Economics* 9(1): 42- 51, February (with Soamiely Andriamananjara).
– Also published as World Bank Policy Research Working Paper 1922, March 1998.

15. "Will the Real 'Natural Trading Partner' Please Stand Up?" 2001 (June). *Journal of Economic Integration* 16 (2).
- Also published as World Bank Policy Research Working Paper 2161, Aug. 1999.
16. "Multilateral Trade Liberalization, Political Disintegration, and the Choice of FTAs versus Customs Unions." 2000. *UN-Comparative Regional Integration Studies Research Centre Working Paper*, UN University.
- Also published as World Bank Policy Research Working Paper 2350, June 2000.
17. "Overview. Economics and Politics of Regional Integration." 1998 (May). *World Bank Economic Review* (with L. Alan Winters).
18. "Regional Integration as Diplomacy." 1998 (May). *World Bank Economic Review* (with L. Alan Winters).
- Reprinted in H. Singer, N. Hatti and R. Tandon (eds.) *Regional Trading Arrangements*, Vol. 22, *New World Order Series*. B. R. Publishing: India.
- Also published as World Bank Policy Research Working Paper 1801, August 1997.
19. "Small is Beautiful: Preferential Trade Agreements and the Impact of Country Size, Market Share, and Smuggling." 1997. *Journal of Economic Integration* 12 (3): 359-87.
- Reprinted in H. Singer, N. Hatti and R. Tandon (eds.) *Regional Trading Arrangements*. Volume 22, *New World Order Series*. B.R. Publishing: Delhi.
- Also published in World Bank Policy Research Working Paper 1668, October 1996.
20. "Outsiders and RTAs among Small Countries: The Case of Regional Markets" (with A. Gupta), World Bank Policy Research Working Paper 1847. Nov. 1997.
- Reprinted in H. Singer, N. Hatti and R. Tandon (eds.) *Regional Trading Arrangements*, Volume 22 of *New World Order Series*. B.R. Publishing: Delhi.
21. "Regional Integration, Security and Welfare." 1998. In: *Regionalism and Development. Proceedings of the European Commission and World Bank Seminar, Studies Series No. 1*. European Commission. Brussels (with L. A. Winters).
22. "Chile and NAFTA: Selected Aspects." 1996 (February). In M. Schiff and C. Sapelli (eds.), *Chile en el NAFTA: Acuerdos de Libre Comercio versus Liberalización Unilateral*. San Francisco and Santiago: International Center for Economic Growth (with M. Ingco).
23. "Regional Integration and Development: Lessons from World Bank Research and Applications to ACP and Latin American Countries." 1999 (September). *Proceedings of the European Association of Development Institutes 9th Conference*. Paris.
24. "Trade Policy Reform and Poverty Alleviation." 2001. World Bank Policy Research Working Paper 2733. Dec. (with B. Hoekman, C. Michalopoulos and D. Tarr).

B. Technology Diffusion

1. "North-South Trade-Related Technology Diffusion: Virtuous Growth Cycles in Latin America." 2012. *El Trimestre Económico* LXXIX (2): 289-311 – Lead article (with Yanling Wang). Also published as IZA DP 4943.
2. "North-South Technology Spillovers: The Relative Impact of Openness and R&D." 2010 (June). *International Economic Journal* 24 (2): 159-69 (with Yanling Wang).
3. "International Trade, Technology Diffusion and Productivity Growth: Lessons for Latin America and the Caribbean." *El Trimestre Económico* (with Yanling Wang).
4. "North-South Trade-Related Technology Diffusion, Brain Drain and Productivity Growth:

- Are Small States Different?” 2013. *International Economic Journal*, 27(2): 399-414 (with Yanling Wang).
- Early version published as World Bank Policy Research Working Paper 4828, Jan. 2009 (written for the World Bank Conference on Small and Fragile States, with Y. Wang).
5. “North-South and South-South Trade-Related Technology Diffusion: How Important are they in Improving TFP Growth?” 2008. *Journal of Development Studies* 44 (1): 49-59 (with Y. Wang).
 - Early version published as World Bank Policy Research Working Paper 2861, June 2002, and CEPR Discussion Paper 3711, Jan 2003 (with Y. Wang and M. Olarreaga).
 6. “Regional Dimension of North-South Trade-Related R&D Spillovers.” 2009. *El Trimestre Económico* 301 (1). January-March (with Yanling Wang).
 - Also published as World Bank Policy Research Working Paper 4826, Jan 2009.
 7. “North-South Technology Diffusion, Regional Integration, and the Dynamics of the ‘Natural Trading Partners’ Hypothesis” 2007. *Revue d’économie du développement* (1): 67-85 (in French and English, with Y. Wang).
 - Early version published as World Bank Policy Research Working Paper 3434, Nov. 2004.
 8. “On ‘Indirect’ Trade-Related R&D Spillovers and Growth.” 2005. *European Economic Review* 49 (7): 1785-98 (October, with A. Lumenga-Neso and M. Olarreaga).
 - Also published as CEPR Discussion Paper 2871.
 9. “North-South and South-South trade-related technology diffusion: an industry-level analysis of direct and indirect effects.” 2006. *Canadian Journal of Economics* 39 (3): 831-44 (with Yanling Wang).
 - Also published as World Bank Policy Research Working Paper 3434 (with Yanling Wang) and IZA Discussion Paper No. 1384 (Nov. 2004).
 10. “Regional Integration and Trade-Related Technology Diffusion: The Case of NAFTA.” 2003 (Sept.) World Bank Policy Research Working Paper 3132 (with Yanling Wang), and Central Bank of Chile Working Paper 283. Dec. 2004.
 11. “NAFTA, Technology Diffusion, and Productivity in Mexico.” 2003. *Latin American Journal of Economics* 40 (121): 469-476 (with Yanling Wang, December).
 12. “Education, Governance and Trade-Related Technology Diffusion: Virtuous Cycles in Latin America.” May 2010. Policy Research Working Paper, World Bank (with Y. Wang). Forthcoming in *El Trimestre Económico* .
 - Early version published in *Festschrift in Honor of Hans Singer*. 2005. New Delhi (January) and IZA Discussion Paper 1028 (2002).
 13. “On the Quantity and Quality of Knowledge Diffusion: The Impact of Openness and Foreign R&D on North-North and North-South R&D Spillovers.” 2006 (April). In Bernard Hoekman and Beata S. Javorcik (eds.). *Global Integration and Technology Transfer*. Palgrave MacMillan: New York (with Yanling Wang).
 - Early version (Jan. 2004): World Bank Policy Research Working Paper 3190.
 14. “The Knowledge-Content of Machines: A New View on North-South Trade and Technology Diffusion.” 2006 (April). In B. Hoekman and Beata S. Javorcik (eds.). *Global Integration and Technology Transfer*. Palgrave MacMillan: New York (with Gorgio Barba Navaretti and Isidro Soloaga).

C. Migration/Labor Mobility/Social Capital

1. “International Migration, Transfer of Norms and Home Country Fertility.” Forthcoming. *Canadian Journal of Economics*.
- Early version published as World Bank Policy Research Working Paper 4925 (May 2009); IZA Discussion Paper 3912 (Dec 2008); University of Louvain Economics Dept. Discussion Paper 2008-43, Dec. 2008; and University of Luxembourg Discussion Paper, Dec. 2008 (with Michel Beine and Frédéric Docquier).
2. “Interactive Dynamics between Natural and Man-made Assets: The Impact of External Shocks.” 2013. *Journal of Development Economics* 105: 1-15 (with Ramón López).
3. “Migration and Diversity: Human versus Social Capital.” 2013 (April), *Review of International Economics*: 281–294 (with Vlad Manole).
- Early version published in 2004 in IZA Discussion Paper series, No. 1279 (August).
4. “International Negotiations, Regional Integration and Intra-Bloc Migration in Small Developing States.” Forthcoming. *Journal of Economic Integration* [submitted 6-12-13, emailed acceptance 7-5-13]. –
- Also published as “Small State Regional Cooperation, South-South and South-North Migration, and International Trade.” May 2010. World Bank Policy Research Working Paper 5297, IZA Discussion Paper 4938, NEP: New Economics Papers, Economics of Human Migration 2010-05-22.
5. “Brain Drain and Economic Performance in Small Island Developing States.” 2013. In Andrés Artal-Tur and Francisco Requena-Silvente (eds.). *Migration Studies Volume*. Springer: New York, NY (with David de La Croix and Frédéric Docquier). - See also DP 31 (2013), Institut de Recherches Economiques et Sociales, U. Catholique de Louvain.
6. “Institutional Impact of the Brain Drain, Human Capital and Inequality: A Political Economy Analysis” (with F. Docquier). Submitted Aug. 22, 2013, to *Latin American Journal of Economics*. (MS No. 2013025; raimundo.soto@gmail.com).
7. “Emigration and Democracy.” 2011. World Bank Policy Research Working Paper No. 5557, IZA Discussion Paper 5496, and Centro Studi Luca d'Agliano Development Studies Working Paper No. 307 (May). Submitted to *Journal of Economic Growth*, Feb. 28, 2011 (with F. Docquier, E. Lodigiani and H. Rapoport).
- Early version published as IRES Discussion Paper 2008-43.
8. “Remittances and the Brain Drain: Skilled Migrants Do Remit Less!” 2010. *Annales d'Economie et de Statistique* (in English), Vol. 97/98 (with C. Ozden and Y. Niimi).
- Early version published as IZA Discussion Paper 3393 (March 2008).
9. “Where on Earth Are They? Bilateral International Migration 1960-2000.” 2011. *World Bank Economic Review* 25 (1):12-56 (with Caglar Ozden and Christopher Parsons).
10. “Five Questions on International Migration and Development.” 2011. *World Bank Economic Review* 25 (1): 1-11 (with Caglar Ozden and Hillel Rapoport).
11. “Are Trade and Factor Movement Complements or Substitutes? New Findings and Policy Implications.” Submitted to *Review of International Economics*, Dec. 7, 2011 (or 2012).
- Early version published as “Substitution in Markusen’s Classic Trade and Factor Movement Complementarity Models.” 2006. World Bank Policy Research Working Paper 3974.
12. “Commodities and Renewable Natural Resources: Impact of Property Rights under Autarky, Trade and Migration.” Mimeo, DECRG, April 2009.

13. "Stability, Cyclicalit y and Stabilizing Impact of Remittances, FDI and ODA in Developing Countries." 2014 (Jan.) *International Journal of Migration and Residential Mobility* 1 (1) (with Ileana C. Constantinescu).
Also published in 2009 (Oct.) as World Bank Policy Research Working Paper 5077.
14. "A Theory of Brain Drain and Home Country Institutional Development." Feb 2009. Mimeo, DECRG, World Bank.
15. "Migration's Income and Poverty Impact Has Been Underestimated." 2008. *Review of Economics of the Household* 6: 267-284. - Also appeared as IZA Discussion Paper 2008, April 2006 <ftp://ftp.iza.org/dps/dp2088.pdf>.
16. "On the Present and Future of International Migration and Development." (Published in French as "Les impacts de la migration"). 2009. In *Growth, Demography and Finance: From Economic Breakdown to New Equilibrium*. Proceedings of the 2009 Rencontres Economiques d'Aix-en-Provence, Le Cercle des Economistes.
17. "Optimal Immigration Policy: Permanent, Guest-Worker, or Mode IV? Version 2." IZA Discussion Paper 3083, September 2007. <http://ftp.iza.org/dp3083.pdf> .
18. "Optimal Immigration Policy: Permanent, Guest-worker or Mode IV?" IZA Discussion Paper 2871, June 2007, <http://ftp.iza.org/dp2871.pdf>
19. "Brain Drain and its Determinants: A Major Issue for Small States." March 2008. IZA Discussion Paper 3398, <http://ftp.iza.org/dp3398.pdf> (with Michel Beine and Frédéric Docquier).
20. "Migration, investissement et commerce: compléments ou substituts?" 2007/1. *Revue d'économie du développement*.
21. "The Medical Brain Drain from Small States." Dec. 2006. Mimeo. DECRG, World Bank (with F. Docquier).
22. "Overview-IM." In *International Migration, Economic Development & Policy*. June 2007. Palgrave MacMillan: New York (with Caglar Ozden, eds.).
23. "Measuring Skilled Emigration Rates: The Case of Small States." Jan. 2009. World Bank Policy Research Working Paper 4827, (with F. Docquier).
24. "Overview-IMW." In *The International Migration of Women*. November 2007. Palgrave MacMillan: New York (with Andrew Morrison and Mirja H. Sjoblom, eds.).
25. "Looking Ahead: Future Directions for Research and Policy." November 2007 (with Andrew Morrison). In *The International Migration of Women*. Palgrave MacMillan: New York (with Andrew Morrison and Mirja H. Sjoblom, eds.).
26. "When Migrants Overstay Their Legal Welcome: A Proposed Solution to the Guest-Worker Program." IZA Discussion Paper 1401. Nov. 2004.
27. "Brain Gain: Claims about its Size and Impact on Welfare and Growth Have Been Greatly Exaggerated." 2006 (launched October 2005). In Caglar Ozden and Maurice Schiff (eds.) *International Migration, Remittances, and the Brain Drain*. Palgrave MacMillan: New York.
-Reprinted in Paul Collier and Jan Gunning (eds.), 2008 (June), *Globalization and Poverty*. Northampton, MA, USA: Edward Elgar.
-Also published as World Bank Policy Research Working Paper 3708, Sept. 2005, and IZA Discussion Paper 1599, May 2005.
28. "The Political Economy of Social Exclusion and Implications for Immigration Policy." June 2006. *Journal of Population Economics* (with Mark Gradstein)
-Early version published as IZA Discussion Paper 1087, March 2004.

29. "Labor Mobility, Trade and Social Capital." 2004. *Review of International Economics* 12: 30-42 (September).
-Also published as IZA Discussion Paper 1027. Feb. 2004.
30. "Labor Market Integration in the Presence of Social Capital." [YEAR] *European Journal of Political Economy* (March). Also published in World Bank Policy Research Working Paper [No ...].
-Reprinted in *Festschrift in honor of Hans Singer*. 2005. New Delhi (January).
31. "Trade, Migration and Welfare: The Impact of Social Capital". 2002. Chapter 26 in H. Singer, N. Hatti and R. Tandon (eds.) *Globalization, Technology and Trade in the 21st Century*. Vol. 19 of *New World Order Series*. B.R. Publishing: Delhi.
-Also appeared as World Bank Policy Research Working Paper No. 2044, Jan.1999.
32. "Migration Sud-Nord et commerce: une revue de la littérature", 2000 (3), *Revue d'économie du développement*: 3 - 54.
-Also published as "North-South Migration and Trade: A Survey and Policy Implications." World Bank Policy Research Working Paper No. 1696, Dec. 1996.
33. "Political Integration, Labor Mobility and Welfare: The Impact of Social Capital." 1999. *Revue d'économie du développement* (September).
34. "Migration and the Skill Composition of the Labor Force: The Impact of Trade Liberalization in LDCs", 1998 (May), *Canadian Journal of Economics* 31 (2): 318-36 (with R. Lopez).
35. "Ethnic Diversity and Economic Reform in Sub-Saharan Africa." 1998. *Journal of African Economies* 7 (3): 348-62 (May).
36. "Capital socio-culturel, diversité ethnique et réforme économique en Afrique subsaharienne." 1996. *Revue d'économie du développement* 3 (September).
37. "Politique commerciale et migration internationale à court et moyen terme". 1995. *Revue d'économie du développement* 3, May.
-Reprinted in *Problèmes Economiques*, No. 2459, 14 February 1996.
38. "Social Capital, Labor Mobility, and Welfare: The Impact of Uniting States". 1992. *Rationality and Society* 4(2), April: 157-175.
39. "Migrations et Echange: Aspects Positifs et Normatifs", 1997, in J. de Melo and P. Guillaumont (eds.) *Commerce Nord-Sud, Migration et Délocalisation: Conséquences pour les salaires et l'emploi*. Economica: Paris (pp. 33-57).
40. "Trade Policy and International Migration: Substitutes or Complements", in J.E. Taylor (ed.). *Development Strategy, Employment and Migration*. OECD (Paris). 1996.
-Reprinted as Chapter 9 in *Croissance, répartition, environnement. Quelles régulations pour un développement durable? Commission 2 du 11^{me} congrès des économistes belges de langue française*, Louvain-La-Neuve, November 24-25, 1994.
41. "How Trade, Aid and Remittances Affect International Migration", World Bank Policy Research Working Paper No. 1376, Nov. 1994.

D. Commodity Trade Policy

1. "Interactive Dynamics between Natural and Man-made Assets: The Impact of External Shocks." 2013. *Journal of Development Economics* 105: 1 - 15 (September), with Ramon

- Lopez.
2. "Commodity Exports and the Adding-Up Problem in LDCs: Trade, Investment and Lending Policy", 1995, *World Development* 23 (4), April.
-- Also published in World Bank Policy Research Working Paper 1338, August 1994.
 3. "Can Revenue Maximizing Export Taxes Yield Higher Welfare Than Welfare Maximizing Export Taxes?" 1994. *Economics Letters* 45. May: 79-84 (with A. Panagariya).
 4. "Optimum and Revenue Maximizing Trade Taxes in a Multi-country Framework: Theory and Application to Cocoa", *Revista de Analisis Economico*, June 1995 (with A. Panagariya).
 5. "Trade Policy, Commodity Exports and Real Income in Developing Countries: Theory and Application to Cocoa." August 1991. *Latin American Journal of Economics - Cuadernos de Economía* (with A. Panagariya).
 6. "Taxes vs. Quotas: The Case of Cocoa Exports", 1992, in I. Goldin and A. Winters (eds.), *Open Economies: Structural Adjustment and Agriculture*, Cambridge University Press: Cambridge (with A. Panagariya).
 7. "Commodity Exports and Real Income in Africa: A Preliminary Analysis." (with A. Panagariya), in A. Chhibber and S. Fischer (eds.) *Economic Reform in Sub-Saharan Africa*, World Bank, 1991.
- Also published in World Bank PRE Working Papers Series No. WPS 537, Nov. 1990.
 8. "The Whys and Why Nots of Export Taxation", 1996, World Bank Policy Research Working Paper 1684 (November), (with S. Devarajan, D. Go and S. Sethiwar-Narueput).

E. Agriculture

1. "Agriculture and the Macroeconomy, with Emphasis on Developing Countries", 2002, Ch. 27 in Bruce Gardner and Gordon Rausser (eds.) *Handbook of Agricultural Economics. Vol. 2A. Agriculture and Its External Linkages*. North Holland (with A. Valdes).
- Early version published as "Agriculture and the Macroeconomy." 1998. World Bank Policy Research Working Paper No. 1667 (August).
2. "Aggregate Agricultural Supply Response in Developing Countries: A Survey of Selected Issues." 1997, *Economic Development and Cultural Change*, Jan. (with Claudio Montenegro).
3. "State Trading in Agriculture: An Analytical Framework: Comment", April 1998, in *The Economic Implications of Liberalizing APEC Tariff and Nontariff Barriers to Trade*, U.S. International Trade Commission, Washington, D.C.
4. "Regional Agreements and the GATT: Implementation Issues for Agriculture in Latin America" (with Carolyn Roberts), in (eds.) J.L. Cordeu, A. Valdes and F. Silva P. 1997. *Implementation of the Uruguay Round Agreement in Latin America. The Case of Agriculture*, Proceedings of a FAO-World Bank Workshop, Santiago, 1996.
- Published in Spanish as: "Acuerdos Regionales y el GATT: Temas sobre su implementacion en la agricultura de America Latina" (with Carolyn Robert), in (eds.) J.L. Cordeu, A. Valdes and F. Silva P. *Implementacion del Acuerdo de la Ronda Uruguay en America Latina. El Caso de la Agricultura*.
5. "The Plundering of Agriculture in Developing Countries." 1995. *Finance & Development*. March (with Alberto Valdés).
- Reprinted in Carl K. Eicher and John M. Staatz. 1998. *International Agricultural*

- Development*, John Hopkins Univ. Press (1998), Chapter 13, pp. 226-233.
6. "The Impact of Two-Tier Producer and Consumer Food Pricing Policy in India", 1994, *World Bank Economic Review*, Vol.8 (1).
 - Also published in *World Bank Policy Research Working Paper* 1236, Dec. 1993.
 7. "Politiques commerciales sectorielles, macroéconomiques et industrielles: Mesure de leur effet sur les stimulations et les distorsions agricoles en Afrique et en Asie." 1993. *Revue Française d'Économie (Numéro Spécial)*, édité par G. Étienne, M. Griffon et P. Guillaumont (juin).
 8. "Trade Policy, Macroeconomics and Agricultural Incentives," 1994 (Jan). In E. Muchnik and A.N. de Zepeda (eds). *Apertura Economica, Modernización y Sostenibilidad de la Agricultura*. IV Congreso Latinoamericano y del Caribe de Economía Agrícola, Pedro Milos: Santiago de Chile.
 9. "Il saccheggio dell'agricoltura in Africa, Asia e America Latina." 1993, *Innovazione e Materie Prime* 1 (2-3): 56 – 77 (with Alberto Valdés).
 10. "India's Food Procurement and Distribution Policy: Impact on Prices and Welfare", 1993, *Journal of Development Economics* (December).
 11. "Industrial, Macroeconomic and Sectoral Policies: Impact on Agricultural Price Interventions and Distortions in Africa and Asia", 1991 (Dec). *World Economy*.
 12. "Agricultural Incentives in Developing Countries: Measuring the Effect of Sectoral and Economywide Policies." 1988 (Sept). *World Bank Economic Review* (with A.O. Krueger and A. Valdés).
 - Reprinted in:
 - (a) *Entwicklung & Landlicher Raum*. 1990. Volume 24 (January);
 - (b) *World Food Trade and Aid in the 1990s*, L.B. Fletcher (ed.), Westview Press, 1991;
 - (c) *Development Economics*, D. Lal (ed.), Edward Elgar: Aldershot, Hants, UK, 1992. Volume is part of series: *The International Library of Critical Writings in Economics*, Mark Blaug, Series Editor.
 - (d) *Agricultural Economics*, G.H. Peters (ed.), Edward Elgar: Cheltenham, UK, 1994. Volume is part of series: *The International Library of Critical Writings in Economics*, Mark Blaug, Series Editor.
 - (e) *The WTO and Agriculture*, Kym Anderson and Tim E. Josling (eds.), two-volume collection as part of the series *Critical Perspectives on the Global Trading System and the WTO*, Kym Anderson and Bernard Hoekman (eds.).
 13. "A Structural View of Policy Issues in African Agricultural Development: Comment." 1987. *American Journal of Agricultural Economics*. May.
 14. "The Competitive Firm under Uncertainty: An Application to Canadian Wheat Production." 1986, *Canadian Journal of Agricultural Economics*, July.
 15. "Risk Premium and the Predictive Accuracy of Futures Prices: An Econometric Study." 1982. *Latin American Journal of Economics - Cuadernos de Economía*, April (with A. Moreno).
 16. "Futures Markets and the Cobweb Model", *Estudios en Economía*, July 1982.
 17. "Agricultural Incentives in Developing Countries." 1994 (May). In A. Fuentes and D. Pizano (eds.) *The Integration of Latin America in the International Economy*, Proceedings of the First Congress of International Economics, Corporación Latinoamericana de Economía Internacional, Bogota, 1994 (in Spanish).
 18. "The Plundering of Agriculture in Africa, Asia and Latin America", 1994, in A. Q. Curzio,

M. Fortis and R. Zoboli (eds.) *Innovation, Resources and Economic Growth*, Springer-Verlag: Berlin – Heidelberg 8).

- Also appeared in Portuguese in Erly C. Teixeira and Danilo R.D. Aguiar (eds.) *Comercio Internacional e Comercialização Agrícola*, Vicosa, Brazil: UFV, Impr. Univ. 1995.

19. "Agricultural Incentives and Growth in Developing Countries: A Cross Country Perspective." (with A. Valdés), in J. Antle and D. Sumner (eds.). *The Economics of Agriculture. Volume 2. Papers in Honor of D. Gale Johnson*. University of Chicago Press. 1996.
20. "The Uruguay Round Agreement and Regionalism in Latin America: The Case of Agriculture" (with Carolyn Roberts), *Proceedings of the November 1995 FAO-World Bank Workshop on Implementing the Uruguay Round Agreement in Latin America: The Case for Agriculture*, Santiago, Chile.
21. "Sector-Specific and Economywide Policies and Agricultural Incentives in LDCs", in B. Greenshields and M. Bellamy (eds.), *Government Intervention in Agriculture: Cause and Effect*, Newcastle upon Tyne (Athenaeum Press), 1989.
22. "Measuring Levels of Protection in Agriculture: A Survey of Approaches and Results: Discussion", in A. Maunder and A. Valdés (eds.). *Agriculture and Governments in an Interdependent World*, Hants, England (Dartmouth), 1990.
23. "Integration of Agriculture in the National and World Economy: Implications for Agricultural Policies in Developing Countries: Discussion, in A. Maunder and V. Renborg (eds.), *Agriculture in a Turbulent World Economy*, Hants, England (Gower), 1986.
24. "The International Capital Market as a Source of Instability in International Commodity Markets: Discussion, in A. Maunder and V. Renborg (eds.), *Agriculture in a Turbulent World Economy*, Hants, England (Gower), 1986.
25. *An Econometric Analysis of the World Wheat Market and Simulation of Alternative Policies. 1960-80*, USDA, ERS Staff Report, October 1985.

F. Nutrition

1. "Poverty, Food Intake and Malnutrition: Implications for Food Security in Developing Countries", 1990, *American Journal of Agricultural Economics*, December (with A. Valdés).
2. "Sobre la relacion entre pobreza y desnutricion: Un enfoque conceptual a nivel del hogar", 1990, *Latin American Journal of Economics (Cuadernos de Economía)*, August (with A. Valdés).
3. "Nutrition: Alternative Definitions and Policy Implications", 1990, *Economic Development and Cultural Change*, January (with A. Valdés).
4. "On the Link between Poverty and Malnutrition: A Household Theoretic Approach", World Bank PRE Working Paper Series 536, World Bank.

G. Other Papers

Property Rights

1. “Uncertain Property Rights and the Coase Theorem.” 1995. *Rationality and Society* 7(3): 321- 27 (July). Online version at: <http://rss.sagepub.com/content/7/3/321>
2. “New Findings in Optimal Taxation of Congested Common Property Resources, with an Application to Road Transportation.” 1991. *Revista de Analisis Economico*, June.

Globalization and Determinants of the Distance of Trade

1. “On the Geography of Trade: Distance is Alive and Well.” Nov. 2005. *Revue Economique* (in English), with Céline Carrère.
- Longer version published as World Bank Policy Research Working Paper 3206, Feb. 2004.

Other

1. “Liberalizing Government Procurement in APEC Nations: Comment”, April 1998, in *The Economic Implications of Liberalizing APEC Tariff and Nontariff Barriers to Trade*, U.S. International Trade Commission, Washington, D.C.
2. “On the Inefficiency of Inequality.” World Bank Policy Research Working Paper 3360; IZA Discussion Paper 1283. Sept. 2004.

OTHER

A. Professional Membership (past and present)

American Economic Association, European Economic Association, Canadian Economic Association, Chilean Economic Association, Royal Economic Society, European Development Network.

B. Refereeing

American Journal of Agricultural Economics – Canadian Journal of Economics - Economic Development and Cultural Change - Economic Journal - European Journal of Political Economy - Journal of African Economies - Journal of Development Economics - Journal of Economic Growth - Journal of Economic Integration – Journal of International Economics - Journal of Population Economics – Journal of Public Economics – Labour Economics - Metroeconomica - Review of Development Economics - Review of International Economics - Revue d'économie du développement - Southern Economic Journal - World Bank Economic Review - World Development - World Economy.

C. Other Experience/Affiliation

1. September 2006 to date. Visiting Professor. Economics Department. University of Chile. Santiago.
2. June 2005. Visiting Lecturer. European University Institute. Fiesole (Florence).
3. March 2004. Visiting Professor. Regional Integration and Development. Asia-Europe Institute. University of Malaya. Kuala Lumpur. Malaysia.

4. March 2003. Visiting Professor. Regional Integration and Development. Asia-Europe Institute. University of Malaya. Kuala Lumpur. Malaysia.
5. March 2001. Visiting Professor. International Trade and Development. Centre d'étude et de recherche sur le développement international (CERDI). Université d'Auvergne, Clermont-Ferrand, France.
6. April-May 1996. Visiting Professor. International Migration and Development. Centre de recherche d'économie du développement (CRED). Université de Namur. Belgium.
7. March 1981 - October 1983. University of Concepción. Research Director and Professor (Micro, Macro, and Econometrics), Faculty of Economics and Administration, Chile.
8. September – December 1980. Lecturer, Microeconomics, Roosevelt University, Chicago, Ill.
9. September – December 1979. Lecturer: Microeconomics, Northeastern Illinois University, Chicago, Ill.
10. September–December 1978. Lecturer: Microeconomics, Kelly Graduate School of Management, Chicago, Ill.
11. Financial Assistant to Vice President, Europe, Litton Industries, 1974-1975 (Brussels).
12. Sept – March 1977. Lecturer: Graduate Microeconomics. University of Illinois, Chicago, Ill.

D. Languages

Fluent: French, Dutch, Spanish, English, and Hebrew.
Semi-fluent: Yiddish, German.

E. Participation in and Organization of Selected Conferences

1. Participation in the Fourth AFD-World Bank International Conference on Migration and Development, June 10-11, 2011, Kennedy School of Government, Harvard University “Temporary Migration and Overstaying: Immigration Policy and the *Correct* Fiscal Impact”).
2. Participation in the UCL CReAM Conference, April 6-9, 2011, London (presented invited paper “World Bank Research on Migration and Development,” and “Temporary Migration, Overstaying and Immigration Policy”).
3. Organizer of a session on International Migration, LACEA, October 2010, Buenos Aires.
4. Co-organizer of the Third International Conference on Migration and Development, Sept 10-11, 2010, Paris School of Economics, Paris (with Caglar Ozden and Hillel Rapoport).
5. Co-organizer of the Second International Conference on Migration and Development, Sept 10-11, 2009, World Bank, Washington, DC (with Caglar Ozden and Hillel Rapoport).
6. *Cercle des Economistes*. Aix-en-Provence. July 3-5, 2009.
7. *The International Migration of Women, UN Population Division Conference on Migration and Development*, UN Secretariat, New York City, November 2007.
8. Launch of Book, *International Migration, Economic Development & Policy*, World Bank, Washington, D.C., June 2007; University of Rome Villa Mondragone International Economic Conference June 25, 2007; World Bank Paris Office, July 2, 2007; Ministry of Planning, Cairo, July 5, 2007; Global Forum on Migration and Development, Brussels, July 10, 2007; and World Bank London Office, July 16, 2007; and Department for International

- Development (DfID), London, July 16, 2007.
9. Launch of Book *International Migration, Remittances, and the Brain Drain*, World Bank, Oct 24, 2005; Institut de Sciences Politiques, Paris, Oct 27, 2008; Department for International Development (DfID), London, Oct 29, 2008; World Bank London Office, Oct 29, 2008; and Instituto de Estudios Superiores de la Empresa (IESE), Barcelona, Nov 5, 2009.
 10. Global Forum on Migration and Development, July 9-11, 2007, Brussels.
 11. University of Rome Villa Mondragone International Economic Conference, June 25-26, 2007, Rome.
 12. University of Rome Villa Mondragone International Economic Conference, June 22-23, 2006, Rome.
 13. Agence française de développement (AFD) – Centre de recherche d'économie du développement, Université de Namur (CRED) Conference on International Migration and Development (in Honor of CRED's 10th and the University's 150th Anniversary), Nov 9-10, 2006, Namur, Belgium.
 14. AFD-EUDN Conference on Migration and Development, Nov 8, 2006, Paris.
 15. World Bank ABCDE Conference, May 2005, Amsterdam.
 16. Annual Meetings of the Royal Economic Society, March 2005, Nottingham, UK.
 17. Regional Integration Network (RIN) Conference, Dec. 2004, Montevideo, Uruguay.
 18. Central Bank of Chile – World Bank (LAC) Conference on Latin American Economic Integration, March 2004, Santiago, Chile.
 19. Annual AEA Meetings, Jan. 2004, San Diego.
 20. Annual Conference, Central Bank of Chile, January 2003, Santiago, Chile.
 21. Regional Integration Network (RIN) Conference, Dec. 2003, Punta del Este, Uruguay.
 22. Annual AEA Meetings, Jan. 1999, New Orleans (organized two sessions on regional integration).
 23. International Development Conference, Centre de recherche d'économie du développement (CRED), Université de Namur, Belgium, 1998.
 24. American Agricultural Economics Association Meetings, Vancouver, July 1991.
 25. Annual Meetings, Latin American Econometric Society, July 1987, Cordoba, Argentina.
 26. International Agricultural Economics Association Meetings, Spain, July 1985.
 27. Annual Meetings, Latin American Econometric Society, July 1983, Santiago, Chile.
 28. Annual Meetings, Latin American Econometric Society, July 1981, Rio de Janeiro.

G. Selected World Bank Missions/Reports

1. Mission to present World Bank Policy Research Report *Trade Blocs* at the MERCOSUR Network, Buenos Aires; the Central Bank of Chile, Santiago; the European Commission, Brussels; and the OECD, Paris.
2. Mission to Lima, Peru, May 2000, on “Trade Liberalization and Regional Integration” for World Bank course on the Macroeconomy, for government, academic and private sector economists from Latin America and Caribbean (including Cuba).
3. Mission to the Dominican Republic, April 2000, on “Rural Poverty: Impact of Macroeconomic, Trade and Migration Policy”, Chapter in the annual Poverty Assessment Report.
4. Prepared report on “Brazil's Foreign Trade Regime: Recent Events”, Aug.– Sept. 1996.

5. Organized Workshop on "Implementing the Uruguay Round Agreement in Latin America: The Case for Agriculture", November 28–30, 1995, Santiago (with A. Valdes, LATAG, and FAO).
6. Organized "World Bank Conference on Chile and NAFTA", Santiago, June 1995 (with C. Sapelli). Proceedings "Chile en el NAFTA: Acuerdos de Libre Comercio versus Liberalizacion Unilateral" (M. Schiff and C. Sapelli, eds.), Jan. 1996.
7. Mission to Morocco, November 1993. Follow-up on September mission. Prepared paper on the impact on trade and welfare of various arrangements between the EC and Morocco and Tunisia.
8. Mission to Tunisia and Morocco, September 1993. Prepared chapter on "Agricultural Exports: Policies and Prospects" for Report on Export Competitiveness.
9. Report on West Bank and Gaza, February–March 1993. Prepared a paper on trade policies for the post-settlement era, with publication in *Journal of Economic Integration*.
10. India, January 1993. Prepared a paper "India's Food Procurement and Distribution Policy: Impact on Prices and Welfare", presented at the World Bank Agricultural Policy Workshop, Delhi, with in publications in *JDE* and *WBER*.
11. First World Bank Mission to Uzbekistan, June 1992. Prepared report on trade policies, including impact of ruble instability and possibility of currency reform on trade policy and on volume and nature of trade.
12. Nicaragua, March 1992. Prepared report on agricultural price and trade policies.
13. Mauritius, February 1992. Prepared Trade Policy Chapter for Trade Expansion Program (IBRD and UNDP).
14. Morocco, October 1989. Prepared Trade Policy Chapter for Country Economic Memorandum in preparation for Structural Adjustment Loan. Analysis included the effect of trade policy on export competitiveness, and optimal exchange rate management.

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