

Curriculum Vitae
David W. Roland-Holst

Business Address:

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Fields of Specialization:

International Economics, Development Economics, Environmental Economics,
Applied General Equilibrium Modeling.

Higher Education:

B.A.	Economics	Case Western Reserve University
B.S.	Mathematics	Case Western Reserve University
M.A.	Economics	University of California, Berkeley
Ph.D.	Economics	University of California, Berkeley
		Supervisor: Laura d'Andrea Tyson

Professional Experience:

Adjunct Professor, Dept. of Agricultural and Resource Economics, UC Berkeley
June, 2003 – Present

Director, Rural Development Research Consortium, UC Berkeley
September, 2002 – Present

James Irvine Professor of Economics, Mills College
January, 1986 – Present

Managing Director, Berkeley Economic Advising and Research
Berkeley, California
June, 2001 - Present

Research Associate, Centre for Economic Policy Research, London
June 1994 – May 1999

Adjoint Professor, École Polytechnique Fédérale de Lausanne
September 1993 – June 1995

Senior Economist and Head of Program, OECD Development Centre, Paris
June 1993 – June 1995

Senior International Economist, United States International Trade Commission
August 1989 – July 1990

Occasional consultant to government agencies, World Bank, IMF,
OECD, ADB, and other public and private organizations.

Publications

Books:

- A1. *Trade and the Environment in General Equilibrium: Evidence from Developing Economies*, with John Beghin and Dominique van der Mensbrugghe, Norwell, MA: Kluwer Academic Publishers, 2002.
- A2. *Economic Development and Cooperation in the Pacific Basin: Trade, Investment, and Environmental Issues*, with Hiro Lee, Cambridge: Cambridge University Press, 1998.
- A3. *Aplicaciones de los Metodos de Analisis Estructural a la Economía Española*, with Clemente Polo and Ferran Sancho, Madrid: Instituto de Estudios Fiscales del Ministerio de Economía y Hacienda, October 1989.

Articles and Chapters in Books:

- B1. "Regionalism and Multilateralism in Central Asia," with Bahidor Ganiev, in Ganiev, B. (ed.) *Central Asia: Integrating Into The International Trading System Through Regional Cooperation In Trade Policy, Transport, And Customs Transit*, Asian Development Bank, Forthcoming.
- B2. "General Equilibrium Analysis of Regional Cooperation In Trade Policy, Transport, and Customs Transit for The Kyrgyz Republic," in Ganiev, B. (ed.) *Central Asia: Integrating Into The International Trading System Through Regional Cooperation In Trade Policy, Transport, And Customs Transit*, Asian Development Bank, Forthcoming.
- B3. "China's Emergence in East Asia under Alternative Trading Arrangements," with H. Lee and D. van der Mensbrugghe, *Journal of the Asian Economies*, Forthcoming.
- B4. "Global Supply Networks and Multilateral Trade Linkages: A Structural Analysis of East Asia," in Harvie, Charles, Fukunari Kimura, and Hyun-Hoon Lee, *New East Asian Regionalism: Causes, Progress, and Country Perspectives*, Cheltenham: Elgar, 2005.
- B5. "People's Republic of China and Its Neighbors: Evidence on Regional Trade and Investment Effects," with John Weiss, *Journal Asia Pacific Economic Literature*, Winter, 2005, 18-35.
- B6. "Globalization, Economic Reform, and Structural Price Transmission: SAM Decomposition Techniques with an Empirical Application to Vietnam," with F. Tarp, in A. de Janvry and R. Kanbur (eds.) *Essays in Honor of Erik Thorbecke*, Kluwer, Berlin: Springer, 2005.
- B7. "ASEAN and China: Export rivals or partners in regional growth?," with J. Weiss, *The World Economy*, Volume 27, Number 8 (August 2004) pp 1255-1274.

- B8. "The Economics of Climate Change in Agriculture," with D. Zilberman, X. Liu, and D. Sunding, in *Mitigation and Adaptation Strategies for Global Change*, Kluwer, 2004.
- B9. "Emergent China: Challenges and Opportunities for East Asia," in M. Yoshitomi (ed.), *Post-Crisis Development Paradigms in Asia*, Asian Development Bank Institute, Tokyo, 2003.
- B10. "Regional Trade Arrangements and Trade Patterns by Skill Content," in M. Yoshitomi (ed.), *Post-Crisis Development Paradigms in Asia*, Asian Development Bank Institute, Tokyo, 2003.
- B11. "New Perspectives on Aid Effectiveness," with Finn Tarp, in Tungodden, Bertil, Stern, Nicholas and Ivar Kolstad, *Toward Pro-poor policies. Aid, Institutions and Globalization*. World Bank/Oxford University Press, 2003.
- B12. "Regionalism versus Globalization in the Americas: Empirical Evidence on Opportunities and Challenges," with Dominique van der Mensbrugghe, *Économie Internationale*, Paris, 2003.
- B13. "Model Specification, Data, and Structural Parameters," *Integration and Trade*, 18:7, 175-187.
- B14. "Economic Structure And Development In An Emergent Asian Economy: Evidence from A Social Accounting Matrix for Vietnam," with F. Tarp and J. Rand, *Journal of the Asian Economies*, 13 (2003), 847-871, North-Holland.
- B15. "Agricultural Biotechnology and Globalization: U.S. Experience with Public and Private Sector Research ," with G. Graff and D. Zilberman, in Wessler, Justus, Hans-Peter Weikard, Robert D. Weaver (eds.), *Risk and Uncertainty in Environmental and Natural Resource Economics*. Cheltenham, UK: Edward Elgar, 2003.
- B16. "Trade Liberalization in the Americas: Are Regionalism and Globalization Compatible?" with Dominique van der Mensbrugghe, *Integration and Trade*, 17:6, 13-28.
- B17. "Trade Integration, Environmental Degradation, and Public Health in Chile: Assessing the linkages," with John Beghin, Brad Bowland, S. Dessus, and Dominique van der Mensbrugghe, *Environment and Development Economics* 7 (2002): 45-71.
- B18. "Trade and Income Growth in Vietnam: Estimates from a New Social Accounting Matrix," with Finn Tarp and John Rand, *Economic Systems Research*, 23, (2002), 375-401.
- B19. "North American economic integration and industrial pollution in the Great Lakes region," with Kenneth A. Reinert and G. Chris Rodrigo, *Annals of Regional Science*, 36 (2002) 3, 483-495.
- B20. "The Industrial Pollution Impacts of the NAFTA: Some Preliminary Results," with Kenneth Reinert, in S. Vaughan (ed.), *The Environmental Effects of Free*

- Trade*, Commission for Environmental Cooperation of North America, Montreal, 2002.
- B21. "General Equilibrium Assessments of Trade Liberalization in APEC Countries," with Hiro Lee and Dominique van der Mensbrugghe, in M. Dutta (ed.), *Restructuring of Asian Economies for the New Millennium*, Amsterdam: Elsevier Science, 2001.
- B22. "NAFTA and Industrial Pollution: Some General Equilibrium Estimates," with Kenneth A. Reinert, *Journal of Economic Integration*, 16(2), 2001.
- B23. "Industrial Pollution Linkages in North America: A Linear Analysis," with Kenneth A. Reinert, *Economic Systems Research*, 13(3), 2001.
- B24. "The Long-Run Impact of APEC Trade Liberalization on Real GDP and Sectoral Adjustments," *Kobe Economic & Business Review*, Vol.45, 2000, pp.57-83 (with H. Lee and D. van der Mensbrugghe).
- B25. "Trade-induced Pollution Transfers and Implications for Japan's Investment and Assistance," with Hiro Lee, *Asian Economic Journal*, 14(2): 123-146, June 2000.
- B26. "Colombia y el TLCAN," with Maurizio Bussolo, *Integracion & Comercio*, Ano 3, Numero 9, 27-61, Inter-American Development Bank, 2000.
- B27. Beghin, J., B. Bowland, S. Déssus, D. Roland-Holst, (1999). "Trade, Environment, and Public Health in Chile: Evidence from an Economy-wide Model," in P.G. Fredriksson eds. *Trade, Global Policy, and the Environment*, World Bank, 1999, pp35-54.
- B28. "The Impact of Trade and Tax Policies on Real GDP and Industrial Pollution," with Hiro Lee, *Keizai Keiei Kenkyu Nenpo [Annals of Research in Economics and Business]*, 49: 191-212, 1999 (in Japanese).
- B29. "Riforme, Istituzioni e Pace: quale futuro per la Colombia?" with M. Bussolo, in Andrea Goldstein (ed.), *America Latina - Prospettive e opportunita negli anni 2000: dalla stabilizzazione alla crescita?* Studi e Ricerche ISPI, Milano, 2000.
- B30. "Quantitative Analysis of APEC Liberalization Using Calibrated General Equilibrium Modelling," with Hiro Lee and Dominique van der Mensbrugghe, in M.E. Kreinin, M.G. Plummer, and S. Abe (eds.), *Asia-Pacific Economic Linkages*, Amsterdam: Pergamon/Elsevier Science, 1999.
- B31. "Cooperation or Confrontation in U.S.-Japan Trade? Some General Equilibrium Estimates," with Hiro Lee, *Journal of the Japanese and International Economies*, 13(2): 119-139, June 1999.
- B32. "Labour Markets and Dynamic Comparative Advantage: Estimates from China," in R. Baldwin and J.F. Francois (eds.), *Dynamic Issues in Commercial Policy Analysis*, Cambridge: Cambridge University Press, 1999.
- B33. "Long Term Modeling of Trade and Environment Linkages," with J. Beghin and D. van der Mensbrugghe, in R. Baldwin and J.F. Francois (eds.), *Dynamic Issues in Commercial Policy Analysis*, Cambridge: Cambridge University Press, 1999.

- B34. "Chilean Accession to the NAFTA: General Equilibrium Estimates," with K.A. Reinert, in A. Fossati and J. Hutton (eds.), *Policy Simulations in the European Union*, London: Routledge, 1999.
- B35. "Policy Research for Sustainable Development: Notes on Simulation Modeling for Indonesia," in F. Lo, K. Matsushita, and H. Takagi, *The Sustainable Future of the Global System II*, Institute of Advanced Study, United Nations University, Tokyo 1999.
- B36. "The Interface Between Growth, Trade, Pollution, and Natural Resource Use in Chile," with John Beghin, Sebastien Dessus, and Dominique van der Mensbrugghe, *Agricultural Economics*, 19(1-2): 87-97, 1998.
- B37. "North-South Trade and Occupational Wages: Some Evidence from North America," with Kenneth A. Reinert, *Review of International Economics*, 6(1): 74-89, 1998.
- B38. "The Environment and Welfare Implications of Trade and Tax Policy," with Hiro Lee, *Journal of Development Economics*, 52(1): 65-82, February 1997. Reprinted in Batabyal, A. and H. Beladi, *The Economics of International Trade and the Environment*, Boca Raton: Lewis Pub., 2001, and in T.L. Brewer (ed.), *Trade and Investment Policy*, Volume II (The Globalization of the World Economy Series), Cheltenham, UK: Edward Elgar, 1999, pp. 515-532.
- B39. "Qué diferencia un país? Efectos de los *loops* abiertos y cerrados en la América del Norte," with Kenneth A. Reinert and Miguel Ricuarte, *El Trimestre Económico*, Vol. LXV (4), Núm. 260, 505-518, 1998.
- B40. "Prelude to the Pacific Century: Overview of the Region, Leading Issues, and Methodology," with Hiro Lee, in H. Lee and D.W. Roland-Holst (eds.), *Economic Development and Cooperation in the Pacific Basin*, Cambridge: Cambridge University Press, 1998.
- B41. "Cooperative Approaches to Shifting Comparative Advantage: The Case of Bilateral Trade between the United States and Japan," with Hiro Lee, in H. Lee and D.W. Roland-Holst (eds.), *Economic Development and Cooperation in the Pacific Basin*, Cambridge: Cambridge University Press, 1998.
- B42. "Trade and Pollution Linkages: Piecemeal Reform and Optimal Intervention," with John Beghin and Dominique van der Mensbrugghe, *Canadian Journal of Economics*, 30(2): 442-55, 1997.
- B43. "The Impact of Free Trade and Pollution Taxes in Mexican Agriculture: A General Equilibrium Analysis," with John Beghin, Sebastien Dessus, and Dominique van der Mensbrugghe, *Agricultural Economics*, 17 (1997): 115-131.
- B44. "Una alternativa para reformar el mercado de capitales en Colombia" with Maurizio Bussolo, *Estrategia Economica y Financiera*, No. 256, mayo 1997, pp. 14-19. ([English Version](#))

- B45. "Trade and the Environment," with Hiro Lee, in J.F. Francois and K.A. Reinert (eds.), *Applied Methods for Trade Policy Analysis*, Cambridge: Cambridge University Press, 1997.
- B46. "Industry Structure and Conduct in an Applied General Equilibrium Context," with J.F. Francois, in J.F. Francois and K.A. Reinert (eds.), *Applied Methods for Trade Policy Analysis*, Cambridge: Cambridge University Press, 1997.
- B47. "Labor Market Specification for Empirical General Equilibrium Analysis," in J.F. Francois and K.A. Reinert (eds.), with A.M. Maechler, in *Applied Methods for Trade Policy Analysis*, Cambridge: Cambridge University Press, 1997.
- B48. "Social Accounting Matrices," with K.A. Reinert, in J.F. Francois and K.A. Reinert (eds.), *Applied Methods for Trade Policy Analysis*, Cambridge: Cambridge University Press, 1997.
- B49. "CGE Modeling of Trade and Employment in Pacific Basin Countries," with Hiro Lee, in J.E. Taylor (ed.), *Development Strategy, Employment, and Migration*, Paris: OECD Development Centre, 1996.
- B50. "North American Trade Liberalization and the Role of Nontariff Barriers," with K. Reinert and C. Shiells, *North American Journal of Economics and Finance*, 1996.
- B51. "Modeling Prices in a SAM Structure," with Ferran Sancho, *The Review of Economics and Statistics*, 77: 361-371, 1995.
- B52. "Trade Liberalization and the Environment in the Pacific Basin: Coordinated Approaches to Mexican Trade and Environment Policy," with John Beghin and Dominique van der Mensbrugghe, *American Journal of Agricultural Economics*, 77: 778-785, 1995.
- B53. "Trade Liberalization and Industrial Structure in Spain: An Applied General Equilibrium Analysis," with Clemente Polo and Ferran Sancho, *Empirical Economics*, 20: 1-18, 1995.
- B54. "Economic Policies for Sustainable Resource Use in Morocco," with Ian Goldin, in I. Goldin and L.A. Winters (eds.), *The Economics of Sustainable Development*, Cambridge: Cambridge University Press, 1995.
- B55. "Latin American Employment Prospects in a More Liberal Trading Environment," with J.C. Collado, and D. van der Mensbrugghe, in D. Turnham, C. Foy, and G. Larrain (eds.), *Social Tensions, Job Generation, and Economic Policy in Latin America*, OECD Development Centre and the Inter-American Development Bank, Paris and Washington, 1995.
- B56. "Trade Liberalization and Employment Linkages in the Pacific Basin," with Hiro Lee, *The Developing Economies*, 33(2): 155-184, June 1995.
- B57. "A Survey of the Trade and Environment Nexus: Global Dimensions," with J. Beghin and Dominique van der Mensbrugghe, *OECD Economic Studies*, 23: 167-192, Winter 1994.

- B58. "Impacto Sobre el Empleo de la Liberalizacion Comercial en el Area Economica del Pacifico," with Hiro Lee, *Economia Industrial*, No. 300, Madrid: Ministry of Industry and Energy, November/December 1994, pp. 75-92.
- B59. "Shifting Comparative Advantage and the Employment Effects of US-Japan Trade," with Hiro Lee, *The World Economy*, 17(3): 323-345, May 1994.
- B60. "Agricultural Liberalization and Its Implications for US-Japan Trade Relations," with Hiro Lee, in M. Landeck (ed.), *International Trade: Regional and Global Issues*, London: Macmillan, 1994.
- B61. "International Capital Mobility and the Cost of U.S. Import Restraints," with J. de Melo, *Review of International Economics*, 1(3): 263-271, 1994.
- B62. "North American Trade Liberalization and the Role of Nontariff Barriers," with K.A. Reinert and C.R. Shiells, in J.F. Francois and C.R. Shiells (eds.), *Modeling Trade Policy: Applied General Equilibrium Analysis of the North American Free Trade Agreement*, Cambridge: Cambridge University Press, 1994.
- B63. "Economywide Costs of Protection and Labor Market Rigidities," with J. de Melo, *The Effects of Protectionism on a Small Country: The Case of Uruguay*, The World Bank, Washington, 1994.
- B64. "Distribucion de la Renta e Integracion en la CE de la Economia Española," with J.C. Collado, *Economia Industrial*, Marzo-Abril, 137-151, 1993.
- B65. "Fraude et Réforme de la Fiscalité dans une Économie à Faible Revenu: Analyse à Travers un Modèle CGE Appliqué à Madagascar," with M. Haddad and J. de Melo, *Revue d'Économie du Développement*, 1: 63-89, 1993.
- B66. "Estimation and Hypothesis Testing of a Dynamic Demand System for North America," with K. Reinert and C.R. Shiells, *Weltwirtschaftsliche Archiv*, 129(1): 55-76, 1993.
- B67. "Social Accounts and the Structure of the North American Economy," with K. Reinert and C. Shiells, *Economic Systems Research*, 5(3): 295-326, 1993.
- B68. "Structural Change in the United States: 1982-88," with K. Reinert, *Empirical Economics*, 4(1): 1-21, 1993.
- B69. "Bilateral Liberalization of Agricultural Trade in a U.S.-Japan General Equilibrium Model," with Hiro Lee, in K. Fatemi (ed.), *International Trade and Finance in a Rapidly Changing Environment*, International Trade and Finance Association, Laredo, 1992.
- B70. "Relative Income Determination in the United States," with F. Sancho, *Review of Income and Wealth*, July 1992.
- B71. "Disaggregated Armington Elasticities for the Mining and Manufacturing Sectors of the United States," with K. Reinert, *Journal of Policy Modeling*, 14(2), 1992.
- B72. "A Detailed Social Accounting Matrix for the United States," with K. Reinert, *Journal of Economic Systems Research*, 4(2): 173-187, 1992.

- B73. "Industrial Organization and Trade Liberalization: Evidence from Korea," with J. de Melo, in R.E. Baldwin (ed.), *Empirical Studies of Commercial Policy*, Chicago: University of Chicago Press and NBER, 1992.
- B74. "Decomposicion de Multiplicadores en un Modelo Multisectorial: Una Aplicacion al Case Español," with C. Polo and F. Sancho, *Investigaciones Economicas*, 15, 53-69, 1991.
- B75. "An Evaluation of Neutral Trade Policy Incentives Under Increasing Returns to Scale," with J. de Melo, in J. de Melo and A. Sapir (eds.), *Essays in Honor of Béla Balassa*, London: Basil Blackwell, 1991.
- B76. "Estimaciones de equilibrio general de los efectos de la eliminación de tarifas entre Méjico y los Estados Unidos," *Cuadernos Económicos*, ICE, Ministerio de Economía y Hacienda, Spain, 48(2): 197-214, 1991.
- B77. "Interindustry Analysis with Social Accounting Methods," *Journal of Economic Systems Research*, 2(2): 125-145, 1990.
- B78. "Distribucion de la Renta en un Modelo SAM de la Economía Española," with C. Polo and F. Sancho, *Estadística Española*, 125(1): 54-72, 1990.
- B79. "Adjustment Under Uncertainty with Computable General Equilibrium Models: General Theory and an Application to Korea," with I. Adelman and A. Sarris, *International Economic Journal*, 4(2): 1-20, Summer 1990.
- B80. "Overview of Uruguay's Trade Orientation and Domestic Economic Structure," Chapter 3 in World Bank and U.N.D.P., *Uruguay: Trade Reform and Economic Efficiency*, Washington, March 1990.
- B81. "Export Potential and the Effects of Export Expansion," with Federico Changanaqui, Chapter 4 in World Bank and U.N.D.P., *Uruguay: Trade Reform and Economic Efficiency*, Washington, March 1990.
- B82. "Import Protection and Import Liberalization," Chapter 5 in World Bank and U.N.D.P., *Uruguay: Trade Reform and Economic Efficiency*, Washington, March 1990.
- B83. "Bias and Stability of Multiplier Estimates," *Review of Economics and Statistics*, Vol. LXXI, No. 4, November 1989.
- B84. "Optimal Adjustment to Trade Shocks under Alternative Development Strategies," with I. Adelman, A. Sarris, and E. Yeldan, *Journal of Policy Modeling*, 11(4): 451-505, Winter 1989.
- B85. "Comments on Goulder and Eichengreen: Savings Promotion and Investment Decisions in a General Equilibrium Framework," in R. Feenstra (ed.), *Trade Policies for International Competitiveness*, Chicago: University of Chicago Press and NBER, 1989.
- B86. "Macroeconomic Structure and Computable General Equilibrium Models," with S. Robinson, *Journal of Policy Modeling*, 10(3): 353-375, Fall 1988.

- B87. "On the Calibration of Computable General Equilibrium Models," *Proceedings of the Eighth Symposium of the International Forecasting Association*, Abstracted, Amsterdam, June 1988.
- B88. "The Social Accounting Matrix as a Tool for Analyzing Income Distribution," *Proceedings of the First International Symposium on the Social Accounting Matrix*, Naples, Italy, June 1987.

Research Conference Presentations:

- C1. "Trade and Asian Regional Integration," Conference on Economic Challenges in Asia, Stanford Institute of International Development, Palo Alto, May 31 - June 3, 2006.
- C2. "Empirical Methods for Integrating Regional and National Economic Policy Analysis," Development Research Center, State Council of the PRC, Beijing, March 27, 2006.
- C3. "New Horizons for Rural Reform in China: Resources, Property Rights, and Consumerism," with F. Kahrl and D. Zilberman, international conference on "China's Policy Reforms: Progress and Challenges," Stanford Center for International Development, Stanford University, September 29 – October 1, 2005, Palo Alto.
- C4. "California's Energy Future Scenarios for Economic Growth and Sustainability from the BEAR Model of the California Economy," presented at the *Second Annual CEC-PIER Climate Change Conference*, September 19, 2005, Sacramento.
- C5. "Price Transmission and Poverty Alleviation: Local Effects of National Policies in Vietnam," presented at the *International Conference on Putting Development Back into the Doha Agenda: Poverty Impacts of a WTO Agreement*, 2-4 December 2004, The Hague.
- C6. "China's Emergence and Changing Patterns of: Trade, Employment, and Investment in East Asia," *International Forum on China's Development: Key Challenges for China's Sustained Growth*, 10–11 November 11, 2004, Seoul.
- C7. "China's Real Exchange Rate and Implications for East Asian Regional Trade and Investment Flows," presented at the *Third Annual Conference on China Economic Policy Reform*, October 14-16, 2004, Stanford Center for International Development, Palo Alto.
- C8. "Chinese Economic Growth and Atmospheric Pollution: Challenges and Opportunity," with J. He, *Seventh Annual GTAP Conference on Global Trade Analysis*, 18 June 2004, World Bank, Washington.
- C9. "East Asian Trade Relations in the Wake of China's WTO Accession," International Symposium on *China's Policy Reforms: Progress and Challenges*, Tsinghua University, Beijing, May 24-25, 2004, sponsored by the National Center for Economic Research, Tsinghua University, Beijing, PRC.

- C10. "CGE Methods for Poverty Incidence Analysis: An Application to Vietnam's WTO Accession," Seventh Annual *GTAP Conference on Global Trade Analysis*, 18 June 2004, World Bank, Washington.
- C11. "A Dynamic General Equilibrium Model of California Climate Change," presented at the *First Annual CEC-PIER Climate Change Conference*, 9-10 June 2004, Sacramento.
- C12. "An Overview of China's Emergence and East Asian Trade Patterns," FACES Conference, 12 April 2004, Stanford University, Palo Alto.
- C13. "East Asian Trade Relations in the Wake of China's WTO Accession," invited address at *Evolution of Trade and Foreign Direct Investment in the Asia-Pacific*, Dissemination Workshops for the Center for Global Partnership (CGP) Project, "China, Japan, and the United States: Emergent Trilateralism in the Pacific Economy," 23 May 2004, at the Development Research Center of the State Council of the PRC, Beijing, and 27 May 2004, at Japan Foundation Headquarters, Tokyo.
- C14. "China's Emergence in a Regional Context: Projections to 2020," presented at the international conference on "New Regionalism in East Asia" organized by the Asia Pacific Economic Forum (APEF) and Keio University, 20 September 2003, Tokyo.
- C15. "East Asian Regionalism: Implications of ASEAN+3 and other FTA Agreements," Asian Development Bank Institute, 19 September 2003, Tokyo.
- C16. "Asian Trade Liberalization and U.S. Agriculture: Opportunities and Challenges," with D. Zilberman, presented at the *Conference on Emergent Trilateralism in the Pacific Basin*, 3 June 2003, U.C. Berkeley.
- C17. "Future Prospects and Policy for Trilateral Trade among China, Japan, and the United States," with Hiro Lee, presented at the *Conference on Emergent Trilateralism in the Pacific Basin*, 3 June 2003, U.C. Berkeley.
- C18. "Global Supply Networks and Multilateral Trade Linkages: A Structural Analysis of East Asia," Asian Development Bank Institute, 18 December 2002.
- C19. "East Asian Patterns of Comparative Advantage," Asian Development Bank Institute, 29 August 2002, Tokyo.
- C20. "An Overview of China's Emergence and East Asian Regional Trade to 2020," Asian Development Bank Institute, 22 July 2002, Tokyo.
- C21. "Emergent Trilateralism in the Pacific Basin: How will Globalization Affect China's Trade with Japan, the United States and the Region?" paper presented at The Fifth Annual Conference on Global Economic Analysis, Taipei, June 2002, with Hiro Lee and Dominique van der Mensbrugghe.
- C22. "New Perspectives on Aid Effectiveness," Annual Bank Conference on Development Economics, June 24-26, Oslo, Norway (ABCDE-Europe 2002), with F. Tarp.

- C23. "Regionalism versus Globalization in the Americas: Empirical Evidence on Opportunities and Challenges," with Dominique van der Mensbrugghe, Symposium on Impacts of Trade Liberalization on Latin America and the Caribbean, Inter-American Development Bank, Washington, November, 2001.
- C24. "Trade and Transmission of Endogenous Growth Effects: Japanese Economic Reform as an Externality for East Asian Economies," with Hiro Lee, presented at the Third Annual Conference on Global Economic Analysis, Melbourne, Australia, June 2000.
- C25. "The NAFTA and Industrial Pollution: Some Empirical General Equilibrium Estimates," with K.A. Reinert, paper presented to the CEC Symposium on Assessing the Environmental Effects of Trade, Dallas, June 2000.
- C26. "Recovery and Transition for the Indonesian Economy," with I. Azis, paper presented to the Conference on Sustainable Development in India and Indonesia, United Nations University, Tokyo, May 2000.
- C27. "On the Opportunity Cost of Japan's Recession to Its Trading Partners," with Hiro Lee, presented at the Workshop on Reform and Recovery in East Asia: The Role of APEC, Australian National University, Canberra, September 1999.
- C28. "Trade Reform, Environmental Policy, And Urban Public Health In Chile," with John Beghin, Brad Bowland, Sébastien Dessus, and Dominique van der Mensbrugghe, presented to environmental policy seminars at CONAMA and Universidad de Chile, Santiago, 1997.
- C29. "Colombia and the NAFTA," with M. Bussolo, presented at the Annual Meetings of the Latin American Economic Association, Bogota, 1997.
- C30. "A Free Trade Area in the Asian Pacific?" with Hiro Lee, presented at the Conference on "Economic Integration: Aspects of Fiscal and Trade Policies," University of Tokyo, October 1995.
- C31. "The Potential Impact of the Removal of Japanese Tariff and Nontariff Barriers on Japan-U.S. Trade Patterns," with Hiro Lee, presented at the Fifth International CGE Modeling Conference, Waterloo, Canada, October 1994.
- C32. "International Trade and the Transfer of Environmental Costs and Benefits," with Hiro Lee, presented at the Annual Meetings of the American Economic Association, Boston, January 1994.
- C33. "Spain's Entry into the EEC from a Social Accounting Perspective," with J.C. Collado, presented at the Tenth International Conference on Input-Output Techniques, Seville, Spain, March 29 - April 2, 1993.
- C34. "Social Accounting Methods and International Trade," with Hiro Lee, presented at the Tenth International Conference on Input-Output Techniques, Seville, Spain, March 29 - April 2, 1993.
- C35. "Modeling Chinese Growth and Trade from a General Equilibrium Perspective," with H. Lee and D. van der Mensbrugghe, presented to the Development

- Research Center of the State Council, People's Republic of China, Beijing, February, 1993.
- C36. "Design and Implementation of a Regional Economic Database for Chinese Policy Analysis," presented to the Development Research Center of the State Council, People's Republic of China, Beijing, February 1993.
- C37. "Trends in Comparative Advantage between the United States and Japan: Confluence of Interests or Potential for Conflict?" with Hiro Lee, presented to the Annual Meetings of the American Economic Association, Anaheim, January 1993.
- C38. "The Role of Nontariff Barriers in North American Trade," with K.A. Reinert and C.R. Shiells, presented to the Annual Meetings of the American Economic Association, Anaheim, January 1993.
- C39. "A General Equilibrium Analysis of North American Economic Integration," with K.A. Reinert and C.R. Shiells, presented at the NAFTA Economywide Modeling Conference, U.S. International Trade Commission, Washington, 1992.
- C40. "Bilateral Trade Between the United States and Japan and the Implications of Agricultural Protection," with Hiro Lee, presented to the Second International CGE Modeling Conference, Waterloo, Canada, October 1991.
- C41. "Demand Specification for Tradeable Goods: A Comparison of Estimates with Flexible Functional Forms," with K. Reinert and C. Shiells, presented at the Third Taskforce on Applied General Equilibrium Modeling, IIASA, Laxenburg, 1991.
- C42. "A General Equilibrium Approach to Spanish Trade and Industrial Policy," with F. Sancho, presented at the *VI Jornadas de Economia Industrial*, Madrid, September 1990.
- C43. "The Debt Problem, Stabilization and Structural Adjustment, and their Socioeconomic Impact: the Case of Indonesia," with E. Thorbecke, presented at the annual meetings of the American Economic Association, New York, December 1988.
- C44. "Parameter Choice for Computable General Equilibrium Models," presented at the N.B.E.R. Workshop on Applied General Equilibrium Modeling, Palo Alto, April 1988.
- C45. "The Opportunity Cost of Defense Spending," with S. Robinson and L.D. Tyson, presented at the annual meetings of the American Economic Association, December 1987.
- C46. "Modeling Structural Adjustment in the U.S. Economy," with S. Robinson, presented at the annual meetings of the American Economic Association, December 1986.
- C47. "Notes on Differential Applications of Computable General Equilibrium Models," presented to the Workshop on General Equilibrium Modeling, International Institute of Applied Systems Analysis, Vienna, August 1986.

- C48. “Distribution and Redistribution,” presented to the Fifth World Congress of the Econometric Society, Cambridge, Massachusetts, August 1985.

Invited Presentations¹

- F1. “Trade and Asian Regional Integration,” Conference on Economic Challenges in Asia, Stanford Institute of International Development, Palo Alto, May 31 - June 3, 2006.
- F2. “Pro-Poor Livestock Policy in Four Archetype Developing Countries,” UN Food and Agriculture Organization, Rome, June 21, 2006.
- F3. “Integrated Poverty Assessment for Livestock Policy,” Ministry of Agriculture, Dakar, Senegal, May 8, 2006.
- F4. “Potential Gains from Integration of the Central Asian Republics,” Asian Development Bank Trade Policy Coordinating Committee Workshop, Urumchi, April 7-10.
- F5. “Empirical Methods for Integrating Regional and National Economic Policy Analysis,” Development Research Center, State Council of the PRC, Beijing, March 27, 2006.
- F6. “Strategic Economic Assessment of Avian Flu Control Measures,” Faculty of Economics, Chulalongkorn University, Bangkok, March 21-22, 2006.
- F7. “China’s Agricultural Development and Implications for California Agriculture,” California Agribusiness Executive Seminar Monterey Plaza Hotel and Spa, Monterey, CA, March 5-7, 2006.
- F8. “Managing Greenhouse Gas Emissions in California: Preliminary Results from the BEAR Model,” testimony before the California Environmental Protection Agency, Sacramento, February, 2006.
- F9. “A Giant Awakens: China’s Global Economic Emergence and Implications for US Agriculture,” Lecture presented to:
- F10. UC President's Advisory Commission on Agriculture and Natural Resources, April 7 2005, Berkeley.
- F11. Wells-Fargo National Agribusiness Finance Seminar, October 12, 2005, Las Vegas.

¹ These represent only invited appearances where all expenses were covered by the sponsor.

- F12. “Emergent Trilateralism in Developing Asia: Long Term Scenarios for Regional Growth and Trade,” Lectures sponsored by the Asian Development Bank:
- a. National Institute of Development Administration, Thailand, July 26, 2005, Bangkok.
 - b. Ministry of Finance of the PRC, July 22, 2005, Beijing.
 - c. Development Research Center, State Council of the PRC, July 21, 2005, Beijing.
 - d. Ministry of Finance, India, July 16, 2005, New Delhi.
 - e. Indira Gandhi Institute of Development Research, July 14, 2005, Mumbai.
- F13. “Economic Impacts of Reducing Trade Barriers in the Central Asian Republics,” Ministry of Trade of Kazakhstan, June 7, 2005, Almaty.
- F14. Three Lectures on Reconciliation of Economic Accounts, Development Research Center, State Council of the PRC, June 4-5, 2005, Beijing:
- a. “Micro and Macro Integration for Economic Policy Analysis”
 - b. “Reconciling China’s Regional Input-Output Tables”
 - c. “Provincial Trade Flow Estimation for China”
- F15. “Trade and Growth Horizons for Asia,” speech to the Annual Meeting of the Asian Development Bank, May 5, 2005, Istanbul.
- F16. “China’s Emergence and Changing Patterns of: Trade, Employment, and Investment in East Asia,” *International Forum on China’s Development: Key Challenges for China’s Sustained Growth*, 10–11 November 11, 2004, Seoul.
- F17. “Implications of Indian and Chinese Emergence for the Asian Regional Economies,” address to the Research Department of the Asian Development Bank, 23 September 2004, Manila.
- F18. “Leveraging China’s Emergence for Vietnamese Economic Growth,” invited address to the Ministry of Agriculture and Rural Development, 20 September 2004, Hanoi, Viet Nam.
- F19. “Tracing Policy Impacts to the Household Level in Viet Nam,” Second Annual PPLPI Steering Committee Meeting, 23 June 2004, United Nations Food and Agriculture Organization, Rome, Italy.
- F20. “Economic Analysis of Rural Poverty and Vietnam’s WTO Accession,” invited address to the resident mission of the World Bank, January, 2004, Hanoi.
- F21. “Globalization and Agricultural Development in Vietnam: Economic Assessment of Bilateral Trade Agreements,” invited address to the Ministry of Agriculture and Rural Development, 12 January 2004, Hanoi.

- F22. “East Asian Trade Relations in the Wake of China’s WTO Accession,” invited address at *Evolution of Trade and Foreign Direct Investment in the Asia-Pacific*, Dissemination Workshops for the Center for Global Partnership (CGP) Project, “China, Japan, and the United States: Emergent Trilateralism in the Pacific Economy,” 23 May 2004, at the Development Research Center of the State Council of the PRC, Beijing, and 27 May 2004, at Japan Foundation Headquarters, Tokyo.
- F23. “East Asian Regionalism: Implications of ASEAN+3 and other FTA Agreements,” Asian Development Bank Institute, 19 September 2003, Tokyo.
- F24. “Asian Trade Horizons for the Latin American Economies,” address to the Inter-American Development Bank, 18 June 2004, Washington.
- F25. “WTO Accession and Domestic Reform: Vietnam’s Trade Horizons to 2020,” invited address to the Central Institute of Economic Management, 29 March 2004, Hanoi.
- F26. “Crouching Dragon or Hidden Tiger? Threats or Opportunities from Open China,” address to invited delegations and experts at the Resident Mission of the Asian Development Bank, 14 January 2003, Beijing.
- F27. “Vietnamese Agriculture and the WTO,” invited address to the Ministry of Agriculture and Rural Development, 22 November 2002, Hanoi.
- F28. “Opportunities and Challenges from China’s Global Emergence: East Asian Trade Horizons to 2020,” Annual Meetings of the Asian Development Bank, 8 May 2002, Shanghai, PRC.
- F29. “China and the WTO: Perspectives to 2020” with Dominique van der Mensbrugghe (World Bank), presented at
- a. Foreign Affairs Committee of the Chinese People’s Consultative Conference, Beijing, January 2002;
 - b. Global Prospects Research Department of the World Bank, Washington, February 2002.
 - c. The Fifth Annual Conference on Global Economic Analysis, Taipei, June 2002.
 - d. Asian Development Bank Institute, Tokyo, July 2002.

Research Reports:

- E1. “WTO Service Standards and their Implications for Viet Nam Agriculture,” Report No. 6, Research Papers on Globalization and Agricultural Development in Vietnam, Ministry of Agriculture and Rural Development, Ha Noi, 2006.
- E2. “Leveraging China’s Emergence For Viet Nam’s Economic Growth Opportunities And Challenges For Agriculture,” Report No. 5, Research Papers on Globalization and Agricultural Development in Vietnam, Ministry of Agriculture and Rural Development, Ha Noi, 2005.
- E3. “Viet Nam’s Trade With the Republic of Korea: Longer-Term Prospects for Agriculture,” Report No. 4, Research Papers on Globalization and Agricultural Development in Vietnam, Ministry of Agriculture and Rural Development, Ha Noi, 2005.
- E4. “Viet Nam’s Trade With Japan: Longer-Term Prospects for Agriculture,” Report No. 3, Research Papers on Globalization and Agricultural Development in Vietnam, Ministry of Agriculture and Rural Development, Ha Noi, 2004.
- E5. “Viet Nam’s Trade With The European Union: Longer-Term Prospects for Agriculture,” Report No. 2, Research Papers on Globalization and Agricultural Development in Vietnam, Ministry of Agriculture and Rural Development, Ha Noi, 2004.
- E6. “Viet Nam’s Bilateral Trade Agreement With The United States: Economic Projections To 2020 And Implications For Agriculture,” Report No. 1, Research Papers on Globalization and Agricultural Development in Vietnam, Ministry of Agriculture and Rural Development, Ha Noi, 2003.
- E7. Household Income Determination in Vietnam: A Structural Analysis with Implications for Market Reform,” with Finn Tarp, Research Monograph, Central Institute of Economic Management, Hanoi, 63pp, January, 2003.
- E8. “Economic Reform and Structural Price Transmission: Lessons from an Emerging Asian Economy,” with Finn Tarp, Research Monograph, Central Institute of Economic Management, Hanoi, 56pp, January, 2003.
- E9. “A 2000 Social Accounting Matrix for Vietnam,” with John Rand and Finn Tarp, Research Monograph, Central Institute of Economic Management, Hanoi, 102pp, June, 2002.
- E10. “A 1999 Social Accounting Matrix for Vietnam,” with John Rand and Finn Tarp, Research Monograph, Central Institute of Economic Management, Hanoi, 84pp, January, 2002.

- E11. "Japan's Emerging Role in Economic Development and Cooperation in the Pacific Basin," with H. Lee, M. Ezaki, and S. Urata, report prepared for the Japan Foundation Center for Global Partnership, 1995.
- E12. "Labor Market Structure and Trade Liberalization in Morocco," with A.M. Maechler, paper prepared for the Country Economic Memorandum in Morocco, Washington: The World Bank, 1995.
- E13. "A General Equilibrium Modeling Facility for Morocco," report prepared for the Moroccan Ministry of Trade, Rabat, 1995.
- E14. "User's Manual for the Costa Rican General Equilibrium Model," report prepared for MIDEPLAN Costa Rica and USAID, 1994.
- E15. "Estimates of Non-agricultural Trade Control Measures for Applied General Equilibrium Analysis," report prepared for the OECD Development Centre, Paris, and the International Economics Division of the World Bank, Washington, August 1992.
- E16. "Tax Evasion and Tax Reform in a Low-Income Country: General Equilibrium Estimates for Madagascar," with M. Haddad and J. de Melo, The World Bank, December 1990.
- E17. "Export Responsiveness in U.S. Mining and Manufacturing Industries," with K. Reinert, U.S. International Trade Commission, Washington, D.C., June 1990 18pp.
- E18. "General Equilibrium Estimates of the Cost of U.S. Import Protection," with K. Reinert, U.S. International Trade Commission, Washington, D.C., June 1990, 135pp.
- E19. "Social Accounting Matrices and Exogenous Parameter Estimates for U.S. Trade Policy Analysis," with K. Reinert, U.S. International Trade Commission, Washington, D.C., June 1990, 49pp.
- E20. "Stabilization and Structural Adjustment in Indonesia: An Intertemporal General Equilibrium Analysis," Technical Paper, OECD Development Centre, Paris, March 1992, 75pp.
- E21. "General Equilibrium Modeling for Trade Policy: An Overview," with S. Tokarick, USITC, Washington, November 1989, 65pp.
- E22. "A General Equilibrium Analysis of Domestic Resources, Competitiveness, and Trade Policy in Ecuador," with E. Sadoulet, prepared for the Latin America Division of the World Bank, Washington, March 1989, 105pp.

Unpublished Working Papers:

- F1. “Asia’s Long Term Growth and Integration: Reaching beyond Trade Policy Barriers,” with Douglas Brooks and Fan Zhai, Policy Brief No. 38, Economic Research Department, Asian Development Bank, Manila, 2005.
- F2. “Behavioral and Empirical Perspectives on FDI: International Capital Allocation across the Asian Region,” with Douglas Brooks and Fan Zhai, Discussion Paper, Economic Research Department, Asian Development Bank, Manila, 2005.
- F3. “Infrastructure as a Catalyst for Regional Integration, Growth, and Economic Convergence: Empirical Evidence from Asia,” Discussion Paper, Economic Research Department, Asian Development Bank, Manila, 2005.
- F4. “Growth and Trade Horizons for Asia: Long-term Forecasts for Regional Integration,” with Jean-Pierre Verbiest and Fan Zhai, Working Paper No. 74, Economic Research Department, Asian Development Bank, Manila, 2005.
- F5. “East and Southeast Asian Trade Relations in the Wake of China’s WTO Accession,” Working Paper, Sanford Center for International Development, Palo Alto <http://scid.stanford.edu/pdf/scid206.pdf> , 2004.
- F6. “Regionalism and Globalism in East and Southeast Asia,” with I. Azis, L. Liu, and D. van der Mensbrugghe, Discussion Paper, Asian Development Bank Institute, Tokyo, 2003.
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- F9. “How Will Agricultural Trade Reforms in High-income Countries Affect the Trading Relationships of Developing Countries?” with Beghin, John C. and Dominique van der Mensbrugghe, Staff Research Paper 10665, Department of Economics, Iowa State University, 2003.
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- F15. "Rural-urban Dualism in Vietnam: Prospects for Redistribution Through Economic Reform," with Finn Tarp, Discussion Paper DP0202, Central Institute of Economic Management, Hanoi, and Nordic Institute of Asian Studies, Copenhagen, 2002.
- F16. "Economic Structure and Development in an Emergent Asian Economy: Evidence from a Social Accounting Matrix for Vietnam," with Finn Tarp and John Rand, Discussion Paper DP0203, Central Institute of Economic Management, Hanoi, and Nordic Institute of Asian Studies, Copenhagen, 2002.
- F17. "General Equilibrium Assessments of Trade Liberalization in APEC Countries," with H. Lee and D. van der Mensbrugghe, Discussion Paper Series No. 103, Research Institute for Economics and Business Administration, Kobe University, July 1999.
- F18. "APEC Trade Liberalization and Structural Adjustments: Policy Assessments," with H. Lee and D. van der Mensbrugghe, APEC Discussion Paper Series No. 11, APEC Study Center, Nagoya University and the Institute of Developing Economies, March 1997.
- F19. "Labor Markets, Trade Reform, and Structural Adjustment in Small Open Economies," with A.M. Maechler, Technical Paper No. 110, OECD Development Centre, Paris: OECD, 1995.
- F20. "Input-based Pollution Estimates for Environmental Assessment in Developing Countries," with J. Beghin, S. Dessus, and D. van der Mensbrugghe, Technical Paper No. 101, OECD Development Centre, Paris, October 1994.
- F21. "Trade and Pollution Linkages: Piecemeal Reform and Optimal Intervention," with J. Beghin and D. van der Mensbrugghe, Technical Paper No. 99, OECD Development Centre, Paris, October 1994.
- F22. "International Trade and the Transfer of Environmental Costs and Benefits," with Hiro Lee, Technical Paper No. 91, OECD Development Centre, Paris, December 1993.
- F23. "A Detailed Input-output Table for Morocco, 1990," with M. Bussolo, Technical Paper No. 90, OECD Development Centre, Paris, November 1993.

- F24. "Trends in Comparative Advantage between the United States and Japan: Conflict or Confluence of Interests?" with Hiro Lee, Working Paper, Institute of International Studies, University of California, Berkeley, January 1993.
- F25. "Matrix Methods of Enterprise Accounting," Working Paper, Department of Economics, Mills College, November 1991.
- F26. "Export Earnings, Government Expenditure, and Household Incomes in Indonesia," Working Paper, Department of Economics, Mills College, September 1988.

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- G1. "Household Income Determination in Vietnam: A Structural Analysis with Implications for Market Reform," with Finn Tarp, revised and re-submitted to *Oxford Economic Papers*.
- G2. "Dragon by the Head, Dragon by the Tail: Bilateralism and Globalism in East Asia," with F. Tarp, revised and re-submitted to the *China Economic Review*.
- G3. "Regional Cooperation to Promote Trade and Investment," with Bahodir Ganiev and Richard Pomfret, draft chapter for a UNIDO report on Central Asian economic development, to appear.