

RACHEL MCCULLOCH

Rosen Family Professor of International Finance
Brandeis University

CONTACT INFORMATION

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YEAR OF BIRTH

1942

CITIZENSHIP

United States

EDUCATION

University of Chicago (Economics) 1967-1971; M.A., 1971, Ph.D., 1973.
Massachusetts Institute of Technology (Economics) 1966-1967.
University of Chicago (Mathematics) 1962-1964; M.A.T., 1965.
University of Pennsylvania (Mathematics) 1959-1962; A.B, 1962.

PRIMARY ACADEMIC APPOINTMENTS

Brandeis University

Chair, Department of Economics, since 2006.
Rosen Family Professor of International Finance since 1989.
Director, Ph.D. Program in International Economics and Finance, 1994-2001.
Director, Lemberg Program in International Economics and Finance, 1990-1991.
Professor of Economics since 1987.

University of Wisconsin, Madison

Professor of Economics, 1983-87.
Director, AEA Summer Program for Minority Students, 1983-1985.
Associate Professor of Economics, 1979-1983.

Harvard University

Associate Professor of Economics, 1978-1979.
Assistant Professor of Economics, 1973-1978.

University of Chicago

Assistant Professor, Graduate School of Business, 1973.
Instructor, Graduate School of Business, 1971-1973.

OTHER PROFESSIONAL AFFILIATIONS AND POSITIONS

Member, Board of Trustees, Omicron Delta Epsilon, since 2008.
AGIP Visiting Professor of International Economics, Johns Hopkins SAIS Bologna Center, fall semester 2004-2005.
Fellow, International Leadership Forum, Western Behavioral Sciences Institute, La Jolla, CA, since 2001.
Member, Academic Advisory Council, Federal Reserve Bank of Boston, since 2000.
Member, Advisory Committee, Peterson Institute of International Economics, since 1987.
Faculty Associate, Harvard Institute for International Development, 1997-2000.
Research Associate, National Bureau of Economic Research, 1985-1993.
Faculty member, International Executive Forum, Western Behavioral Sciences Institute, La Jolla, CA, 1985-1992.
Member, Technology Assessment Advisory Council, Office of Technology Assessment, U.S. Congress, 1979-1987.
Visiting scholar, Hoover Institution, Stanford University, 1984-1985.
Consultant, World Bank, 1984-1985, 2004-2005.
Member, Presidential Commission on Industrial Competitiveness, 1983-1984.
Visiting scholar, Department of Economics, UCLA, 1977.
Visiting scholar, Division of International Finance, Federal Reserve Board, 1973.

Economist, U.S. Cabinet Task Force on Oil Import Control, Washington, D.C., 1969.
Programmer-analyst, Aerolastic and Structures Research Laboratory, Massachusetts Institute of Technology, 1965-1966.
Mathematics teacher, University of Chicago Laboratory High School, 1964-1965.
Mathematics teacher, South Shore High School, Chicago, 1963-1964.
Programmer, Johnson Foundation for Medical Physics, University of Pennsylvania, 1961-1962.

PUBLISHED RESEARCH

"Trade Adjustment in the WTO System: Are More Safeguard the Answer?" with Chad P. Bown, *Oxford Review of Economic Policy*, Volume 23, 2007, 415-439.

"U.S. Trade Policy toward China," with Chad P. Bown, in S. La Croix and P.A. Petri, *Challenges to the Global Trading System: Adjustment to Globalization in the Asia Pacific Region*. Oxford: Routledge, 2007, 58-82.

"Protection and Real Wages: The Stolper-Samuelson Theorem," in M. Szenberg, L. Ramrattan, and A. Gottesman (eds.), *Samuelsonian Economics and the Twenty-First Century*, Oxford: Oxford University Press, 2006, 224-234.

"The U.S. Trade Deficit: Made in China?" with Chad P. Bown, Meredith A. Crowley, and Daisuke J. Nakajima, *Economic Perspectives*, Federal Reserve Bank of Chicago, 2005 (4), 2-18.

"Environmental Issues in the World Trade Organization," with Chad P. Bown, in P.F.J. Macrory, A.A. Appleton, and M.G. Plummer (eds.), *The World Trade Organization: Legal, Economic and Political Analysis*, Vol. 2, New York: Springer, 2005, 137-170.

"U.S. Trade Policy and the Adjustment Process," with Chad P. Bown, *International Monetary Fund Staff Papers*, 2005 (special issue), 107-128,

"The WTO Agreement on Safeguards: an empirical analysis of discriminatory impact," with Chad P. Bown, in Michael G. Plummer (ed.), *Empirical Methods in International Trade*. Cheltenham UK: Edward Elgar, 2004, 145-169. Reprinted in Chad P. Bown (ed.), *The WTO, Safeguards, and Temporary Protection from Imports*. Cheltenham UK: Edward Elgar, 2006.

"Nondiscrimination and the WTO Agreement on Safeguards," with Chad P. Bown, *World Trade Review* 2003 (3), 1-22.

"Globalization: Historical Perspective and Prospects," in Kyung-Tae Lee (ed.), *Globalization and the Asia Pacific Economy*, New York: Routledge, 2002, 6-24.

"Unilateral and Reciprocal Trade Reform in Latin America," in Jagdish N. Bhagwati (ed.), *On Going Alone: The Case for Relaxed Reciprocity in Freeing Trade*. Cambridge: MIT Press, 2002, 395-441.

"Promoting and Sustaining Trade and Exchange Reform in Africa: An Analytical Framework," with Malcolm F. McPherson, in Malcolm F. McPherson, ed., *Promoting and Sustaining Trade and Exchange Rate Reform in Africa*, Cambridge, MA EAGER (Equity and Growth through Economic Research), 2002, 15-54.

"Floating, Fixed, or Super-Fixed? Dollarization Joins the Menu of Exchange-Rate Options," with Blake LeBaron, *American Economic Review, Papers and Proceedings*, May 2000, 32-37.

"On the Dynamics of Trade Policy Reform," in Mordechai E. Kreinin, Michael G. Plummer, and Shigeyuki Abe (eds.), *Asia-Pacific Economic Linkages*, Oxford: Pergamon Press, 1999, 129-147.

"Equity Financing of East Asian Development," with Peter Petri, in Miles Kahler (ed.), *Capital Flows and Financial Crises*, Cornell: Cornell University Press, 1998, 158-185. Reprinted in Sir Hans Singer, Neelambar Hatti, and Rameshwar Tandon (eds.), *New World Order Series, Vol. 19: International Capital Movements*, Delhi: B.R. Publishing Corporation, 2003.

"AFTA, AIA, and U.S. Direct Investment in ASEAN," with Michael G. Plummer, in Richard Hooley (ed.), *Research in Asian Economic Studies*, Vol. 8, JAI Press, 1998, 265-286.

"Alternative Paths Toward Open Global Markets," with Peter A. Petri, in Keith E. Maskus, Peter M. Hooper, Edward E. Leamer, and J. David Richardson (eds.), *Quiet Pioneering: Robert M. Stern and His International Economic Legacy*, Ann Arbor: University of Michigan Press, 1997, 149-169.

"An Asian Credit Crunch? Implications for East Asia of a Global Capital Shortage," in Takatoshi Ito and Anne O. Krueger (eds.), *Macroeconomic Linkage: Saving, Exchange Rates and Capital Flows*, Chicago: University of Chicago Press, 1994, 167-182.

"New Perspectives on Foreign Direct Investment," in Kenneth A. Froot (ed.), *Foreign Direct Investment*, Chicago: University of Chicago Press, 1993, 37-53.

"Foreign Investment in the United States: Source of Strength or Sign of Weakness?" *Economic Directions*, June 1993, 1-6.

"The Optimality of Free Trade: Science or Religion?" *American Economic Review, Papers and Proceedings*, May 1993, 367-371. Reprinted in T. Brewer (ed.), *Trade and Investment Policy*, Cheltenham UK: Edward Elgar, 1999.

"Foreign Direct Investment in the United States," *Finance and Development*, March 1993, 13-15. Also in Arabic, Chinese, French, German, Portuguese, and Spanish editions. Reprinted in Philip King (ed.), *International Economics and International Economic Policy: A Reader*, McGraw-Hill, 1995.

"The Impact of Foreign Ownership on U.S. Business," in Carl-Ludwig Holtfrerich (ed.), *The Ernst Fraenkel Lectures on American Politics, Economy, Society, and History for 1991/92*, Berlin: John F. Kennedy Institute for North American Studies, Free University of Berlin, May 1992, 33-48.

"Why Foreign Corporations Are Buying into U.S. Business," *Annals of the American Academy of Political Science*, July 1991, 169-182. Reprinted in *Dialog*, a multi-language journal distributed by the U.S. Information Agency.

"Foreign-Owned Businesses in the United States," with Jonathan Leonard, in John M. Abowd and Richard B. Freeman (eds.), *Immigration, Trade, and the Labor Market*, University of Chicago Press, 1991, 261-283.

"Investment Policies in the GATT," *The World Economy*, December 1990, 541-553.

"If Not GATT, Then What?" *Boston University International Law Journal* (special issue on the Uruguay Round of multilateral trade negotiations), Fall 1990, 277-285.

"Services and the Uruguay Round," *The World Economy*, September 1990, 329-348.

"The Challenge to U.S. Leadership in High-Technology Industries: Can the United States Maintain Its Lead? Should It Try?" in Gunter Heiduk and Kozo Yamamura (eds.), *Technological Competition and Interdependence*, University of Washington Press, 1990, 192-211.

"The United States-Canada Free Trade Agreement: A New Direction for U.S. Policy?" in Frank J. Macchiarola (ed.), *International Trade: The Changing Role of the United States* (a special issue of the *Proceedings of the Academy of Political Science*), 1990, 79-89.

"Macroeconomic Policy, Trade, and the Dollar: Remarkable Events of the 1980s," in Peter A. Petri and Stephan Gerlach (eds.), *The Economics of the Dollar Cycle*, Cambridge, MA: MIT Press, 1990, 64-87.

"International Trade in Capital and Capital Goods," with J. David Richardson, in Ronald W. Jones and Anne O. Krueger (eds.), *The Political Economy of International Trade*, Cambridge, MA: Basil Blackwell, 1990, 140-158.

"Japanese Investment in the United States," in David Audretsch and Michael Claudon (eds.), *The Internationalization of U.S. Markets*, New York: New York University Press, 1989, 171-197.

"U.S. International Competitiveness in a Changing Global Economy," in Carl-Ludwig Holtfrerich (ed.), *Economic and Strategic Issues in U.S. Foreign Policy*. Berlin: Walter de Gruyter & Co., 1988, 3-21.

"U.S.-Japan Economic Relations," in Robert E. Baldwin (ed.), *Trade Policy Issues and Empirical Analysis*, Chicago: University of Chicago Press, 1988, 305-337.

"Macroeconomic Policy and Trade Performance," in Robert E. Baldwin, Carl Hamilton, and Andre Sapir (eds.), *Europe-United States Trade Relations*, Chicago: University of Chicago Press, 1988, 349-368.

"International Competition in Services," in Martin Feldstein (ed.), *The United States in the World Economy*, Chicago: University of Chicago Press, 1988, 367-406.

"Technology Transfer to China: The Role of Direct Investment," excerpts in Bruce Dickson and Harry Harding (eds.), *Economic Relations in the Asian-Pacific Region*, Washington D.C.: Brookings Institution, 1987, 56-74.

"U.S. Trade and the Dollar: Evaluating Current Policy Options," with J. David Richardson, in R.E. Baldwin and J.D. Richardson (eds.), *Current U.S. Trade Policy: Analysis, Agenda, and Administration*, Cambridge, MA: National Bureau of Economic Research, 1986, 49-73.

"Trade Deficits, Industrial Competitiveness, and the Japanese," *California Management Review*, Winter 1985, 140-156. Reprinted in Robert E. Baldwin and J. David Richardson (eds.), *International Trade and Finance: Readings*, Little, Brown and Company, 1986.

"U.S. Direct Foreign Investment and Trade: Theories, Trends, and Public Policy Issues," in A. Erdilek (ed.), *Multinationals as Mutual Invaders: Intraindustry Direct Foreign Investment*, Beckenham, Kent: Croom Helm Ltd., 1985, 129-151.

"Linking Negotiations on Trade and Foreign Investment," with Robert Owen, in Charles P. Kindleberger and David B. Audretsch (eds.), *The Multinational Corporation in the 1980's*, Cambridge, MA: MIT Press, 1983, 334-358. Reprinted in Kym Anderson and Bernard Hoekman (eds.), *The Global Trading System*. London: I.B. Taurus, 2002.

"Unexpected Real Consequences of Floating Exchange Rates," *Essays in International Finance* No. 153, Princeton, NJ: International Finance Section, Princeton University, 1983. Reprinted in John Adams (ed.), *The Contemporary International Economy*, New York: St. Martin's Press, 1985, 286-306; Robert E. Baldwin and J. David Richardson (eds.), *International Trade and Finance: Readings*, Boston: Little, Brown and Company, 1986; Robert Z. Aliber (ed.), *The Reconstruction of International Monetary Arrangements*, London: Macmillan, 1987, 21-45; and Leo Melamed (ed.), *The Merits of Flexible Exchange Rates*, Fairfax, VA: George Mason University Press, 1988, 223-244.

"The Tokyo Round and the Future of the GATT," *Portfolio*, Volume 8, Number 2, 1983.

"Technology Transfer and the National Interest," with Janet L. Yellen, *International Economic Review*, June 1982, 421-428.

"United States Relations with Developing Countries: Conflict and Opportunity," in Thomas Willett and J. Michael Finger, (eds.), *The Internationalization of the American Economy*, March 1982, 118-126. Reprinted in J. Adams (ed.), *The Contemporary International Economy*, New York: St. Martin's Press, 1985, 478-487.

"Can Capital Movements Eliminate the Need for Technology Transfer?" with Janet L. Yellen, *Journal of International Economics*, February 1982, 83-94.

"Technology Transfer to Developing Countries: Implications of International Regulation," *Annals of the American Academy of Political and Social Science*, November 1981, 110-122.

"Latin America's Stake in Trade Liberalization Measures in Developed and Developing Nations," *Quarterly Review of Economics and Business*, Summer 1981, 231-258. Also in Werner Baer and Malcolm Gillis (eds.), *Export Diversification and the New Protectionism: The Experiences of Latin America*, Champaign, Illinois: National Bureau of Economic Research and Bureau of Economic and Business Research, 1981. Portuguese translation in *Estudios Economicos*, July 1981, 155-185.

"International Indicators of Science and Technology: How Does the U.S. Compare?" *Scientometrics*, December 1980, 355-367.

"Factor Market Monopsony and the Allocation of Resources," with Janet L. Yellen, *Journal of International Economics*, May 1980, 237-247.

"U.S. Trade Performance: The Role of Technology," *Eastern Economic Journal*, January 1980, 355-367.

"Trade and Direct Investment: Recent Policy Trends," in R. Dornbusch and J. Frenkel (eds.), *International Economic Policy: An Assessment of Theory and Evidence*, Baltimore, MD: Johns Hopkins, 1979, 76-111.

Economic and Political Issues in the New International Economic Order, Original Paper 24, International Institute for Economic Research, Ottawa, Illinois: Green Hill, October 1979.

"Alternative Commodity Trade Regimes," with Jose Pinera, in *Sharing Global Resources*, Council on Foreign Relations 1980s Project, New York: McGraw-Hill, 1979, 107-167.

"North-South Economic and Political Relations: How Much Change?" in Karl Brunner and Allan H. Meltzer (eds.), *Three Aspects of Policy and Policymaking: Knowledge, Data and Institutions*, Carnegie-Rochester Conference Series on Public Policy (a supplement to the *Journal of Monetary Economics*), Volume 10, 1979, 253-282.

"Determinants and Implications of U. S. Trade Performance," in *Tariffs, Quotas and Trade: The Politics of Protectionism*, San Francisco: Institute for Contemporary Studies, 1979, 25-54.

Research and Development as a Determinant of U. S. International Competitiveness, Washington, D.C.: National Planning Association, October 1978. Reprinted in *Export Policy*, Hearing Before the Subcommittee on International Finance, Committee on Banking, Housing and Urban Affairs, United States Senate, Washington: U.S. Government Printing Office, 1978, 61-134.

"Commodity power and the International Community," in Nake Kamrany (ed.), *The New Economics of the Less Developed Countries*, Boulder, CO: Westview, April 1978, 209-250.

"Economic Policy in the United Nations," in Karl Brunner and Allan H. Meltzer (eds.) *International Organization, National Policies and Economic Development*, Carnegie-Rochester Conference Series on Public Policy (a supplement to the *Journal of Monetary Economics*), Volume 6, 1977, 17-52. Reprinted in Karl Brunner (ed.), *The First World and the Third World*, Rochester, NY: University of Rochester Center for Research in Government Policy and Business, 1978, 39-79.

"Trade as Aid: The Political Economy of Tariff Preferences," with Jose Pinera, *American Economic Review*, December 1977, 959-967. Spanish translation in *Cuadernos de Economia*, August 1976, 77-91. Reprinted in Bernard Hoekman and Caglar Ozdan (eds.), *Trade Preferences and Differential Treatment of Developing Countries*. Cheltenham UK: Edward Elgar, 2007.

"Factor Mobility, Regional Development and the Distribution of Income," with Janet L. Yellen, *Journal of Political Economy*, February 1977, 79-96.

"United States Foreign Trade Policy: Emerging Issues," in *Trade, Inflation and Ethics*, Commission on Critical Choices for Americans, Lexington, Mass.: Lexington, 1976, 25-45.

"Consequences of a Tax on the Brain Drain for Unemployment and Income Inequality in Less Developed Countries," with Janet L. Yellen, *Journal of Development Economics*, September 1975, 249-264. Reprinted in Jagdish N. Bhagwati (ed.), *The Brain Drain and Taxation*, Amsterdam: North-Holland, 1976, 155-170.

"United States Preferences: The Proposed System," *Journal of World Trade Law*, March/April 1974, 216-226.

"When Are a Tariff and a Quota Equivalent?" *Canadian Journal of Economics*, November 1973, 503-511.

"A Note on Proportionally Distributed Quotas," with Harry G. Johnson, *American Economic Review*, September 1973, 726-732.

PUBLISHED REVIEWS AND COMMENTARY

"The Rybczynski Theorem," in William A. Darity, Jr. (ed.), *International Encyclopedia of the Social Sciences*, 2nd edition, Detroit: McMillan Reference USA, 2008, Volume 7, 305-306.

"Import Promotion," in William A. Darity, Jr. (ed.), *International Encyclopedia of the Social Sciences*, 2nd edition, Detroit: McMillan Reference USA, 2008, Volume 3, 592.

"Q&A: The Trade Deficit," with Chad P. Bown, *The American*, January-February 2007.

"Robert Alexander Mundell: Theorist in Search of Policy Influence," *Kentucky Journal of Economics and Business*, Volume 19, 2000, 4-12.

Review of *A Vision for the World Economy*, Robert Lawrence, Albert Bressand, and Takatoshi Ito, eds., *Review of International Economics*, February 1999, 165-166.

Comment on "Accounting for Outward Direct Investment from Hong Kong and Singapore: Who Controls What?" in J. David Richardson, et al. (eds.), *Geography and Ownership*, University of Chicago Press, 1998, 168-171.

Review of *Regionalism versus Multilateral Trade Arrangements*, Takatoshi Ito and Anne O. Krueger (eds.), *Journal of Economic Literature*, June 1998, 20-22.

Comment on Andrew Glyn, "Internal and External Constraints on Egalitarian Policies," *Boston Review*, December/January 1997-1998, 12-13.

"The Mundell-Fleming Model," in Thomas Cates et al. (ed.), *The Encyclopedia of Keynesian Economics*, Cheltenham: Edward Elgar, 1997, 456-459.

Review of *Export Disincentives*, by J. David Richardson, *The International Trade Journal*, Summer 1995.

"Exporting: Too Good to Last?" *New England Export Bulletin*, February 1995.

Comment on Pochih Chen, Chi Schive, and Cheng Chung Chu, "Export Structure and Exchange Rate Variation in Taiwan: A Comparison with Japan and the United States," in Takatoshi Ito and Anne O. Krueger (eds.), *Macroeconomic Linkage: Saving, Exchange Rates and Capital Flows*, Chicago: University of Chicago Press, 1994, 243-246.

"Making Visible the Invisible," *European Brief*, August 1993, 23-25.

"Tough Times for Free Trade," in Peter Petri (ed.), *Perspectives 1992: Essays on Global Economic Change*, Brandeis University, December 1991.

Comment on Robert Z. Lawrence and Robert E. Litan, "The World Trading System After the Uruguay Round," *Boston University International Law Journal*, Fall 1990, 277-285.

Review of *External Deficits and the Dollar*, Ralph C. Bryant, Gerald Holtham, and Peter Hooper (eds.), *Journal of International Economics*, November 1988, 390-392.

Comment on Alan V. Deardorff, "Why Do Governments Prefer Nontariff Barriers?" *Carnegie-Rochester Conference Series on Public Policy*, Volume 26, 1987, 217-221.

Comment on Rudiger Dornbusch and Jeffrey Frankel, "Macroeconomics and Protection," in Robert M. Stern, (ed.), *U.S. Trade Policies in a Changing World Economy*, Cambridge, MA: MIT Press, 1987, 137-143.

Review of *Uneasy Partnership: Competition and Conflict in U.S.-Japanese Trade Relations*, by Stephen D. Cohen, *Journal of International Business Studies*, Spring 1986, 152-156.

Comment on William V. Rapp, "Japan's Invisible Barriers to Trade," in Thomas A. Pugel with Robert G. Hawkins (eds.), *Fragile Interdependence: Economic Issues in U.S.-Japanese Trade and Investment*, Lexington, MA: Lexington, 1986, 55-62.

Comment on Gene Grossman and Carl Shapiro, "Normative Issues Raised by International Trade in Technological Services," in *Trade and Investment in Services: Canada/US Perspectives*, Toronto: Ontario Economic Council, 1985.

Comment on Heywood Fleisig and Catharine Hill, "The Benefits and Costs of Official Export Credit Programs," in Robert E. Baldwin (ed.), *The Structure and Evolution of Recent U.S. Trade Policy*, Chicago: University of Chicago Press, 1984, 356-358.

Review of *Import Competition and Response*, J.N. Bhagwati (ed.), *Journal of Political Economy*, June 1984, 550-553.

Comment on Paul Krugman, "The Macroeconomics of Protection with a Floating Exchange Rate," *Carnegie-Rochester Conference Series on Public Policy*, Volume 16, Spring 1982, 183-185.

Review of *The Impact of International Trade and Investment on Employment*, W. Dewald, et al. (eds.), *Journal of Political Economy*, December 1980, 260-263.

Introduction to "The Multinational Pharmaceutical Industry: Evidence of Product Diffusion and Technology Transfer," in Robert B. Helms (ed.), *The International Supply of Medicines: Implications of U.S. Regulatory Reform*, Washington, D.C.: American Enterprise Institute, 1980, 3-4.

Review of *Global Reach*, by R.J. Barnett and R. Muller, *Journal of Political Economy*, April 1978, 343-345.

"Global Commodity Politics," *The Wharton Magazine*, Spring 1977, 40-45.

Comment on Tracy Murray and Ingo Walter, "Special and Differential Liberalization of Quantitative Restrictions on Imports from Developing Countries," in L. Perez (ed.), *Trade Policies Toward Developing Countries*, Washington, D.C.: Agency for International Development, 1978, 89-97.

MISCELLANEOUS PUBLICATIONS

"An Interview with Anne Carter," April 2009, forthcoming in *Newsletter of the Committee on the Status of Women in the Economics Profession*, Spring/Summer 2009.

"A Career Built on Serendipity: Forty Years of Zigs and Zags," in Andrea Beller (ed.), "Career Paths of Women Entering the Economics Profession in the 1970s," *Newsletter of the Committee on the Status of Women in the Economics Profession*, Winter 2001.

"Assembling the Puzzle Pieces," in Michael Szenberg (ed.), *Passion and Craft: Economists at Work*, University of Michigan Press, 1999, 199-212.

"The Internationalization of Economics Education," a lecture presented at DECWORLD '92, Lemberg Program in International Economics and Finance *Newsletter*, June 1992.

"Encouraging Minority Students in Economics: A National Program at Wisconsin," with Ellen Jacobson, J. David Richardson, and Nancy Sugden, University of Wisconsin-Madison *L&S Magazine*, Fall 1985, 22-24.

UNPUBLISHED RESEARCH

"Developing Countries, Dispute Settlement, and the Advisory Centre on WTO Law," with Chad Bown, March 2009.

"China, Japan, and the United States: Implications of Export-Led Growth for Evolution of the International Trading System," with Chad Bown, December 2008, prepared for the East-West Center Conference on China, Japan and the United States: Deeper Integration, January 6-7, 2009.

"Globalization and Inequality," John R. Commons Lecture, ASSA, January 2008.

"One Country, One Currency? Dollarization and the Case for Monetary Outsourcing," with Blake LeBaron, October 2000.

"An International Lender of Last Resort," January 1999.

"Development Finance in an Era of Capital Shortage," with Peter Petri, Brandeis University Discussion Paper No. 318, May 1992.

"Trade Liberalization in the Presence of Domestic Distortions," Country Policy Department, World Bank, April 1986.

"Technology Transfer to China: The Role of Direct Foreign Investment," prepared for the Brookings-CASS Conference on Economic Relations in the Asia-Pacific Region: Trends and Prospects," Wye Plantation, June 1-5, 1985. Revised version prepared for the Workshop on Technological Trends in the Communist World, Hoover Institution, June 20-21, 1985.

"Mixed-Credit Export Financing," testimony presented to the Subcommittee on International Finance, Trade and Monetary Policy; Committee on Banking, Finance and Urban Affairs, U.S. House of Representatives, October 23, 1985.

"International Competition in High-Technology Industries: The Consequences of Alternative Trade Regimes," September 1984, prepared for the National Science Foundation Workshop on High Technology Trade, Washington D.C., October 3, 1984.

"Identifying Nontariff Barriers to U.S. Trade," with R. Spence Hilton, August 1983.

"International Trade and Investment and the Earnings of U.S. Workers," with Thomas Horst, September 1980.

"Technology, Trade, and the Interests of Labor: A Short Run Analysis of the Development and International Dissemination of New Technology," October 1978.

"United States-Latin American Trade: The Issue of Preferential Access," Harvard Institute of Economic Research Discussion Paper No. 517, November 1976.

Import Quotas and Resource Allocation, Ph.D. dissertation, University of Chicago, 1973.

SERVICE

Professional

Board of Directors, Omicron Delta Epsilon, since 2008.

Academic Advisory Council, Federal Reserve Bank of Boston, since 1999.

Advisory Committee, Peterson Institute for International Economics, since 1986.

Program review visiting committees:

School of International Relations and Pacific Studies, University of California, San Diego, 2004
Economics Department, Vanderbilt University, 1998
Economics Department, Oberlin College, 1993

Boards of editors:

Journal of International Economics and Economic Policy, since 2003.
International Studies Quarterly, 1979-1985.

American Economic Association

Executive Committee, 1997-2000.

Program Committee, American Economic Association Annual Meeting, 1999, 2000.

Director, American Economic Association Summer Program for Minority Students, 1982-1984

Nominating Committee, 1979, 1993.

Senior mentor, National Science Foundation/Committee on the Status of Women in the Economics Profession Workshop, "Creating Career Opportunities for Female Economists," 1999-2000.

Advisory committee for Fulbright Distinguished Faculty Chairs (Europe), competitions for 1997-98 and 1998-1999.

Committee of Examiners for the Economics Test of the Graduate Record Examination, Educational Testing Service, Princeton, NJ, 1989-96 (chair 1992-6).

Board of Directors, International Trade and Finance Association, 1993-95.

Discipline Advisory Committee in Economics for Fulbright Scholarship Awards, 1991-4 (chair 1992-4).

Committee on International Relations Studies with the People's Republic of China, 1984-92.

Referee, *Journal of Political Economy*, *American Economic Review*, *Quarterly Journal of Economics*, *Journal of International Economics*, *Canadian Journal of Economics*, *Economic Development and Cultural Change*, *International Economic Review*, *International Trade Journal*, *Journal of Economic Education*, *Southern Economic Journal*, *Open Economies Review*.

Panel member, National Science Foundation, Division of Policy Research and Analysis, Ford Foundation International Economic Order Competition, Rockefeller International Relations Fellowship Program, German Marshall Fund of the United States Research Fellowship Program.

External reviewer, National Science Foundation, Economics Program and Division of Policy Research and Analysis.

External reviewer, Nuffield Trust, 2006.

External reviewer, National Research Council, 2005.

Public

Invited panelist, "Rising Protectionism and Its Implications for Economic Development," Harvard Kennedy School International Development Conference, April 2009.

John R. Commons Lecturer, ASSA, New Orleans, January 2008.

Invited panelist, "Asia Trade," Harvard Asia Business Conference, February 2007.

Lecturer, "Globalization and the Economy," in *What is Globalization and How to Teach About It?* a professional development course for K-12 teachers, Primary Source, Watertown, MA, October 2006.

Competition judge, New England Fed Challenge 2002, Federal Reserve Bank of Boston, March 2002.

Invited panelist, "The International Monetary Fund and the World Bank," public forum sponsored by the North Bridge Alliance for Democracy, Lincoln MA, May 2000.

Invited panelist, "New England's Competitiveness: Risks and Opportunities in the Global Economy," conference sponsored by the New England Economic Project, May 1998.

Lecturer, Harvard Institute for International Development Summer Program on Macroeconomic Policy and Management, July 1996.

Invited panelist, "Private Capital Flows and their Consequences," International Studies Association Annual Convention, San Diego CA, April 1996.

Guest panelist for the monthly audiotape series, "The Sound of the Economy," Data Resources Incorporated, July 1995.

Featured speaker, Economic Outlook: 1995, Management Institute, School of Business, University of Wisconsin-Madison, 1994.

Academic advisor, Educational Film Center, for the video project, "The Global Economy" (sponsored by the Annenberg Corporation for Public Broadcasting together with public broadcasting organizations in Venezuela, Netherlands, Sweden, and Australia).

Invited lecturer, League of Women Voters "Great Decisions 1993" lecture series.

Distinguished Lecturer, University of Maine Colloquium on the North American Free Trade Agreement, 1993.

Alex G. McKenna Economic Education Series Lecturer, Saint Vincent College, 1993.

Invited lecturer, Hamilton Hall Lecture Series on World Affairs, Salem, MA, 1992.

Faculty member, Global Senior Managers Program, Tufts University, June 1992.

Ernst Fraenkel Distinguished Lecturer on American Politics, Economy, Society, and History, John F. Kennedy Institute for North American Studies, Free University of Berlin, 1992.

Lecturer, American Participants Program, United States Information Service, Republic of Korea, 1991. Lectures on U.S. trade policy and U.S.-Korea relations at the Bank of Korea, Korea Development Institute, and Korea Institute for International Economic Policy in Seoul, and in Kwangju, Pusan, and Taegu.

Invited lecturer, National Science Council of Taiwan, Republic of China. Lectures on U.S. trade policy at National Taiwan University, Academia Sinica, and Chung-Hwa Research Institute, 1989.

Faculty member, Emerging Issues Program for State Legislative Leaders, 1988.

Featured speaker, Justice Brandeis Society of South Florida, 1988.

Member, Technology Assessment Advisory Council, Office of Technology Assessment, U.S. Congress, 1979-1987.

Keynote speaker, International Symposium on the Changing Role of the United States, John F. Kennedy Institute for North American Studies, Free University of Berlin, 1987.

Lecturer, Applied Economics for Foreign Affairs course, Foreign Service Institute, U.S. Department of State, 1986 and 1987.

Lecturer, School for Workers, University of Wisconsin-Madison, 1986.

Faculty member, U.S. House of Representatives, Committee on Ways and Means, Trade Seminar, 1986.

Keynote speaker, U.S. Department of Commerce International Business Forum, 1985.

Lectures on U.S.-Japanese trade conflict, United States Information Service-Japan (Tokyo, Sapporo, Nagoya, Fukuoka), 1983.

Spalding Lecturer, Pomona College, 1983.